cricket live video	NAME OF THE PROJECT	DESCRIPTION OF THE PROJECT	IMAGE OF THE PROJECT CONTACT	
1	POSH & POSCO	**Project Objective Statement** In the present life we can see that it's not safe to travel alone especially for women. They always want to travel safely. We came up with an idea where they can travel around safely without any hesitation and can feel safe at any time. So, now women and anyone should not be afraid of anyone to travel alone and can protect themselves from anyone. A device is already present in market which is similar to our idea but we'll be making a buzzer where the buzzer sound will be a male scream, female scream or police siren so that people around them will be attentive. We also will be sending the location to there close friends.		

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Shourya nandhan	8686466433

		Stakeholders Our project covers everyone normal people who are travelling around alone in the late nights. Recently there has been a lot of news about the women's are getting assaulted when they are alone and some of them died. Several systems have been developed for the safety of the women but the majority of the systems will not be available in some areas so we will be helping the women who find themselves helpless when they are in that type of situation. **Project Scope** Our project will be a software application coming with a hardware device having a link between two. The hardware device has a button, if the user presses it the alarm system gets alerted and the alarm sound plays whichever they set as an alarm sound. As soon as the button pressed, we will be sending the		

		location to user's close friends. Sending of the location should be included right now so the user can be found when they are lost. We thought of activating the fake call for a minute so the attacker who is there around the user gets alerted without doing anything but we think it is not that effective even if we add that functionality in our project. We assume our project will be as we thought it should be, the users should be able to trust our product and be using this without any hesitation and we think that as we are sending the location as an image that will be done by internet connection so as the distance increases the cost increases, so we hope that the cost can be effective for us and the users. DESCRIPTION OF THE USE CONTEXT • The project is going to be used as a protection from the abusers as many of		

		the women travel late at night they can use our product for protecting themselves from the attackers. The product can be misused, if none of the attackers are there but the users press the button and accuses the innocent. • The limitations of our project is we give certain distance for the device and the phone for working like if the device is around 100m from the phone it can work otherwise it will not. • Our project will not be exposed to neither rain nor sun. • The project can be exposed to the public and children there is no threat from it. • If the alarm sound is too high some of the people may find it not pleasant. • The signal around the device should be good.		

		• The product should be able to run even if the phone is dead.		
2	**HELPING ROBOT**	**PROJECT OBJECTIVE STATEMENT** • The people who are old and also the people who are handicapped often face problems with their work on their own. • These people face problems even while doing small work like taking anything near to them, taking medicines, etc. • Sometimes for those people there will be no one at home and there will be no one to look after those people to do even a tiny work like giving medicines. • Some people may be handicapped also whose legs do not work and could not move from their places. Like this, they	 NARRA MANAS 9830770461 GURRAM KARYACHARAN 7085396317 NARA BADRINATH 7010264789 POTLURI SAI KRISHNA 9830770461 K AMITH 9959559905 GUDEPU SHASHANK 9919491430 KASHETTI SAGAR 7010264789	

		face so many issues due to their health conditions. DESCRIPTION OF THE COMMUNITY PARTNER • Our project community partner is Old Age Home people. • It will be help full to the people of Old Age homes because mostly they can't able to do all work on their own. • Our product will be helpful to them very much STAKEHOLDERS • Our product is beneficial for old people as well as hospitals. • Our product can be used in hospitals also to serve medicines to the patients and also necessary things. Also, doctors can use it. PROJECT SCOPE • Now the old people or else normal people who were not having anyone		

		to help them will not be alone. • Helping robots will help them in many situations. • Just the people who need to use the mobile app to control the robot are still at the same place. • Now people can control the robot and make him can make him do small works which they want to do by being in their comfort zone. DESCRIPTION OF THE USE CONTEXT • It is used to carry small things like food, medicines, and water from one place to another place so old people can take their thing easily without moving from their place and small children may play with them and break it. • our project deals with the Arduino UNO board, and Bluetooth, and the requirements are motors, Arduino, wheels, jumper		

		wires, Motor driver module, DC motor, Micro servo motor, and Bluetooth Transceiver Module. • It is access to old age people and the people who can't walk like handicapped. • Robots should not be exposed to rain or sun it should be used in indoor rooms only. • The project may be exposed to the children so the children may damage it. • Bluetooth should be connected properly and should not keep in wet areas because it may get damaged. • It should be durable for 3 to 4 years. • Old and also handicapped people has huge effect from our project. • If the Bluetooth connection is not proper to the product then it won't work properly.		

3	**VOICE CONTROLLED HOME AUTOMATION FOR OLD AND DISABLED PEOPLE**	PROJECT OBJECTIVE STATEMENT • We are doing this project for the easy accessibility for operation and controlling electronic devices from voice. The need for this project is to help old people and Disabled persons. • This project will help our project partner to control the non-smart devices with voice automation. DESCRIPTION OF THE COMMUNITY PARTNER • The project partner of this project is old people, Disabled persons, Blind people or People who met with accidents or got injured. • The overall mission of the project partner is to access the non-smart electronic devices with voice control.		

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ALLU JYOTHI SWAROOP	9866886890
CHINNAKUNTA DILEEP REDDY	8686466433
VUPPALA AKSHAY	8985847780
SRIRAG GUMMADAVELLY	9849378088

		STAKEHOLDERS • Common people can connect their home appliances to the product and use it, making their task easier and effective. • Old people who face difficulty to walk, etc., Blind people, Disabled and people who met with accidents or injuries face the success in project victory. • The product can be locally and easily maintained and it takes minimum electric supply to function, so everyone other than the stakeholders in particular can maintain it. PROJECT SCOPE • The mentioned stakeholders (old, disabled, etc.) can easily control the home appliances through voice		

		commands and even control the intensity of the appliances. • The stakeholder need-fill , their satisfaction and the common people required prototype. • At this time, the selection of the electronic equipment and brainstorming on addition of any other features to the product to be made. • The thought on adding features for the usage of common people need not be focused now i.e., it is out of the scope as of now and the stakeholder's needs are prioritized. • To make a compact or working- not so portable model to test its working as n urgent need to the mentioned stakeholder. DESCRIPTION OF THE USE CONTEXT • The project enables the mentioned stakeholders to control common electrical appliances through voice commands, and it can least be misused.		

		• The home automation project just gets interfaced with the connections to common to-use home appliances and a smart phone with the mentioned application installed. The project requirements are Arduino, relays, step transformers, resistors, other common electrical equipment and a to-use appliance.
		• Limitations of the space the project will reside in for use and storage
		  ○ Physical size- around 1350 sq. cm.
		  ○ Storage space -> physical- 13500 cubic cm., memory- less kb to run the code.
		• The stakeholders have to maintain the project by connecting a to-use home appliance to it and use the Arduino application in a mobile phone to give voice-commands.
		• Environmental conditions -
		  ○ The project will not be exposed to rain or sun.
		  ○ The project is planned to be kept near the socket board so it will least get exposed and damage by children will be considerably less.		

		○ No security issues except for the usage of the Arduino application. ○ The project needs considerable amount of durability since it includes many electrical equipment and connections of home appliances to it. • The society feels this less-cost project to be beneficial to control the common home appliances. • The project uses Arduino, Arduino-IDE, some common electrical equipment and a to-use home appliance. • The customer or the stakeholder needs to know decent usage of the application and the connection of the to-use appliance to the project.		
5	**WOMEN SAFETY APP**	**<u>PROJECT OBJECTIVE STATEMENT</u>**– • We are focusing on building an effective, fast, and reliant system to make the women of India feel safe and empowered. • Our platform will act as a 24/7 active help and companion for women so		

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Shaik Amaan Hussian	9830770461
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that they don't ever feel that they are alone in the middle of a crisis.

- The reason for this app is:
  - Women can't travel alone at night.
  - They can be betrayed by the cab drivers by taking them to remote places.
  - Very quick response.

DESCRIPITION OF COMMUNITY PARTNER:

- Our community partner are the girls who need to be saved.
- This will be very helpful for the girls who need immediate help when they are ay remote places without network.

STAKEHOLDERS:

This Personal Safety App is designed to keep women and senior citizens safer 24/7 and is

		supported by the various states' police. The app sends panic alerts to emergency contacts whenever the user presses PANIC Button during an emergency and get instant help from nearest Police, Hospitals, and Fire station. **OUTCOMES:** In emergency, this app performs multiple tasks calls friends, family or employer for immediate action, SMS with location link and live location feed, email with location tracking, map pin with exact location and live tracking information through website.		

6	**LOW COST LPG LEAKAGE DETECTOR**	PROJECT OBJECTIVE STATEMENT • The LPG gas might leak from the gas cylinders; this may cause the cylinder blast, damage the place and risk of a life to the living persons in the area. But if proper action is not taken to control the fire, then it can spread in complete area. To overcome this problem, an LPG gas sensor is used to detect the presence of a dangerous LPG gas leak in various places. • This project can be used in the home and hotel utility(kitchen) area for safety purpose • Very useful in LPG/CNG fitted cars to avoid measure accident. • Prevent measure accidents in gas agencies (gas stations) where multi-cylinder stored.		

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		• Benefits of our LPG Leakage Detector : • quick reaction from the sensor • Small sensitivity for MQ3 sensor gives additional features in the system. • High sensitivity of LPG sensor. DESCRIPTION OF THE COMMUNITY PARTNER This section should address such questions as: • Who is the project partner for this project? • As this is a Microcontroller based LPG gas leakage system using MQ6 (LPG Gas) sensor with Buzzer indication. • and it has applications in various areas including Industrial application, domestic application, hence		

		The project partner would be LPG gas producing companies in India. • LPG market is carved up between the three public sector brands, Indane (IOC), HP Gas (HPCL) and BharatGas (BPCL) and many other private companies. • What is the overall mission of the project partner? • LPG Gas Leak Detectors should be installed at commercial/industrial kitchens in collaboration with the community partner. • as LPG is highly flammable & combustible when ignited; a slight leak of these gases can cause a disaster if a proper detection system is not in place STAKEHOLDERS This section should address such questions as:		

		• Who will be affected by your project other than your customer? • If we develop this project it will help he environment (due to some gas leakage if there is an explosion it will release a huge amount of polluted gas which leads to pollution). Also , we are making it in low cost if the project succeed many people will buy and makers can make more profit from it • Who has vital interest in the project's success? • Indane (IOC), HP Gas (HPCL) and Bharat Gas (BPCL) and many other private company's will be interested in project success. PROJECT SCOPE This section should address such questions as: • What are going to be the project results?		

		• There will be high demand in the market for this project, since it is low cost. The accident percentage (which is done by gas leakages) will be reduced. • What functionality is in-scope and should be part of the project at this time? • COLLABRATION WITH THE LPG GAS PODUCING COMPANIES. • PROMOTE THE PRODUCT • What functionality is out-of-scope and should not be included? • WE MAY USE OTHER MACHINARIES OR GASES FOR THE DEVELOPMET OF PRODUCT DESCRIPTION OF THE USE CONTEXT This section should address such questions as: • How is the project going to be used, and how could it be mis-used?		

		• This sensor is attached to an alarm circuit to give an alert to the operators through a buzzer sound in the area where the gas leak is occurring. • How much approximately is the resistance of a gas sensors? • From manufacturer to manufacture the sensor resistance varies. It is approximately 3 ohms on each of the filament • What are the name of the filaments inside the gas sensor? • There are two filaments. They are called ‘active’ and ‘non-active’ filaments. • What are the environmental conditions? • Will the project be exposed to rain or sun? • No the project will not be exposed to rain or sun • Will the project be exposed to the public or children who may damage it?		

		• NO,The pannel should be covered with Cold rolled sheet metal powder coated.fully encapsulated within an electro-polished 316 stainless steel housing shielded from moisture ingress thereby virtually eliminating corrosion.		

7	**HELPING DRIVERS**	PROJECT OBJECTIVE STATEMENT • It will be fitted in the car during the manufacturing. • It is fitted in the steering area such that it can detect the eyes. • Sometimes Some people get fainted due to some health conditions. DESCRIPTION OF THE COMMUNITY PARTNER • Our project community partner is Driver. • It will be help full to the Drivers . • Our product will be helpful to them very much. STAKEHOLDERS • Our product is beneficial for drivers as well as vehicle manufacturers. • Our product can be used to prevent the most of the accidents. PROJECT SCOPE • To the drivers who will drive with lack of sleep.	 	

<table>
<tr><td></td><td></td><td>This device will help in very critical conditions.
This device helps not only the drivers but it will help the drivers family from affliction.
Now people can be tension less.</td><td></td><td></td></tr>
<tr><td>8</td><td>DENSITY BASED TRAFFIC SYSTEM</td><td>PROJECT OBJECTIVE STATEMENT
We are here coming with an idea Density based Traffic System. To increase traffic handling capacity.
There is no traffic, but still need to wait Heavy traffic jams. These problems occur due to fixed control on traffic.
We can reduce collisions and waiting time both for the vehicles and pedestrians.
DESCRIPTION OF THE COMMUNITY PARTNER
People, Traffic Police, and Traffic management</td><td><table><tr><td>U Sai Subrahmanyam</td><td>8686466433</td></tr><tr><td>Jatin Mishra</td><td>9866886890</td></tr><tr><td>Sumeet Sharma</td><td>9862024392</td></tr><tr><td>Jaina Vamshi</td><td>8895109888</td></tr><tr><td>B V V L N BHARGAV</td><td>8895109888</td></tr><tr><td>Karam Sai Vardhan Reddy</td><td>9866886890</td></tr><tr><td>Shaik Mohd Afeef Sayeed</td><td>8985847780</td></tr></table></td><td></td></tr>
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centre are the project partner for this project.
- To save the time and Accidents this method can be helpful.

STAKEHOLDERS

This section should address such questions as:

- People, Traffic police and Traffic management centre will be benefited from this project.
- People Traffic police and Traffic management centre have vital interest in project success.
- Traffic management centre will have an interest in maintenance, storage, etc.

PROJECT SCOPE

This section should address such questions as:

- To create a Density based traffic system where traffic is controlled by active infrared sensors emit low-level infrared energy into a specific zone to detect vehicles to

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<td>reduce the traffic density. Nothing will be left behind for us.

• Profiling of the traffic by storing the data and managing the traffic lights according to the collected data. The Profiling can also be used for Traffic study and the variation in traffic density throughout the day, week, month or a year.
• We can optimize this system for the emergency Vehicles such as Ambulance. The Traffic data collected can be used to locate different routes for a specific daily vehicle to avoid the congestion problem.</td>
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<td>9</td>
<td>DISASTER MANAGEMENT WEB APPLICATION</td>
<td>PROJECT OBJECTIVE STATEMENT

This section should include a concise statement that address such questions as:

• Why are you doing the project (i.e. what is the</td>
<td>
<table>
<tr><td>MEENAVALLI SINDHURA</td><td>8686466433</td></tr>
<tr><td>SRI VIDYA</td><td>9919491430</td></tr>
<tr><td>KYASANI POOJITHA</td><td>9919491430</td></tr>
<tr><td>SRUTHI VEENELA</td><td>9919491430</td></tr>
<tr><td>C.RISHIKA REDDY</td><td>8985847780</td></tr>
<tr><td>NAVYA REDDY</td><td>9866886890</td></tr>
<tr><td>KYASANI POOJITHA</td><td>9919491430</td></tr>
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		motivation or need for the project?) Disaster management aims to reduce, or avoid, the potential losses from hazards, assure prompt and appropriate assistance to victims of disaster, and achieve rapid and effective recovery. • How does your project fit within the mission of the project partner and your team? • Project Partner means an entity or organization whose voluntary cooperation is necessary to carry out the activities laid out in the Bid Proposal. A Project Partner differs from a Subcontractor in that they are not being paid to perform work under the Contract, but rather provide in- kind support or Participant access. • An example of a Project Partner would be a school or homeless shelter where		

		services are provided to Project Participants. DESCRIPTION OF THE COMMUNITY PARTNER This section should address such questions as: • Who is the project partner for this project? Users/clients • What is the overall mission of the project partner? Project Partner means an entity or organization whose voluntary cooperation is necessary to carry out the activities laid out in the Bid Proposal. A Project Partner differs from a Subcontractor in that they are not being paid to perform work under the Contract, but rather provide in- kind support or Participant access. An example of a Project Partner would be a school		

		or homeless shelter where services are provided to Project Participants. STAKEHOLDERS This section should address such questions as: • Who will be affected by your project other than your customer? Government and partnership • Who has vital interest in the project's success? Government, people and customers • Think beyond the end user – Who has an interest in maintenance, storage, etc.? Service provider PROJECT SCOPE This section should address such questions as:		

		• What are going to be the project results? To reduce, or avoid, the potential losses from hazards, assure prompt and appropriate assistance to victims of disaster, and achieve rapid and effective recovery. • When the project is finished, what will be left behind by your team? A Useful Web Application which will fulfill the needs of people. • What functionality is in-scope and should be part of the project at this time? If we say something is in scope, it means that a specific job or deliverable falls under the project's responsibilities. It means, we have to do it! To give you an example: Imagine you are managing a construction project for building a house. • What functionality is out-of-scope and should not be included?		

		Disaster management forces can help by removing people and property from a threatened location and by facilitating timely and effective rescue, relief and rehabilitation at the place of disaster thereby reducing loss of property, protecting people, but it does not provide further counselling to the people who have • What assumptions has your team made? People's motives People's skills, abilities, competencies (or incompetencies) based on gender, race, age, etc What information people have been given How information has been understood That your goals are aligned with others		
10	**ELESOLO BIKES**	Project Objective Statement		

This section should include a concise statement that address such questions as:

- Why are you doing the project (i.e. what is the motivation or need for the project?)
  Pollution free and we can travel more distance by using solar energy.
- How does your project fit within the mission of the project partner and your team?
  No fuel cost and by free of cost we travel by solar .

Description of the Community Partner

This section should address such questions as:

- Who is the project partner for this project?
  Customers.

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R Naga Maneeshwar Reddy	9919491430
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M.Sai Charan	9919491430
S Shiva Prasad	8686466433

		• What is the overall mission of the project partner? To get an ecofriendly bikes. Stakeholders This section should address such questions as: • Who will be affected by your project other than your customer? Society by pollution free and decreasing the usage of electricity. • Who has vital interest in the project's success? The one who are spending more money on fuels. • Think beyond the end user – Who has an interest in maintenance, storage, etc.? The person who is using our bike.		

		Project Scope This section should address such questions as: • What are going to be the project results? Ecofriendly bikes. • When the project is finished, what will be left behind by your team? End of NOVEMBER ,product is left. • What functionality is in-scope and should be part of the project at this time? Prototype. • What functionality is out-of-scope and should not be included? We will not use any fuel in our bikes. • What assumptions has your team made? We want to generate an non fuel bike which runs by solar and electricity by		

<table>
<tr><td></td><td></td><td>this we can save our money and fuels.</td><td></td><td></td></tr>
<tr><td>11</td><td>SMART BIN</td><td>PROJECT OBJECTIVE STATEMENT

This section should include a concise statement that address such questions as:

• Why are you doing the project (i.e. what is the motivation or need for the project?)
• To give good and hygiene environment
• How does your project fit within the mission of the project partner and your team?
• To fits to GHMC people and awareness of giving a level of garbage.

DESCRIPTION OF THE COMMUNITY PARTNER

This section should address such questions as:

• Who is the project partner for this project?
• The GHMC people</td><td><table><tr><td>Jashwanth kumar</td><td>9885419909</td></tr><tr><td>Sidharth</td><td>7085396317</td></tr><tr><td>Ch.sai siddhartha</td><td>9862024392</td></tr><tr><td>Sri harsha</td><td>7013447336</td></tr><tr><td>Rachakonda pranay</td><td>7013447336</td></tr><tr><td>B.manish</td><td>9959559905</td></tr><tr><td>Nekkkanti ManiTeja</td><td>7013447336</td></tr></table></td><td></td></tr>
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		• What is the overall mission of the project partner? • The GHMC people STAKEHOLDERS This section should address such questions as: • Who will be affected by your project other than your customer? • The general public • Who has vital interest in the project's success? • The GHMC people • Think beyond the end user – Who has an interest in maintenance, storage, etc.? • The government PROJECT SCOPE This section should address such questions as: • What are going to be the project results? • To give an healthy environment • When the project is finished, what will be left behind by your team?		

		• The smart bin and partner in it • What functionality is in-scope and should be part of the project at this time? • Its takes around one month • What functionality is out-of-scope and should not be included? • Taking the sensor in the smart bin • What assumptions has your team made? • The assumptions is to give healthy environment.		

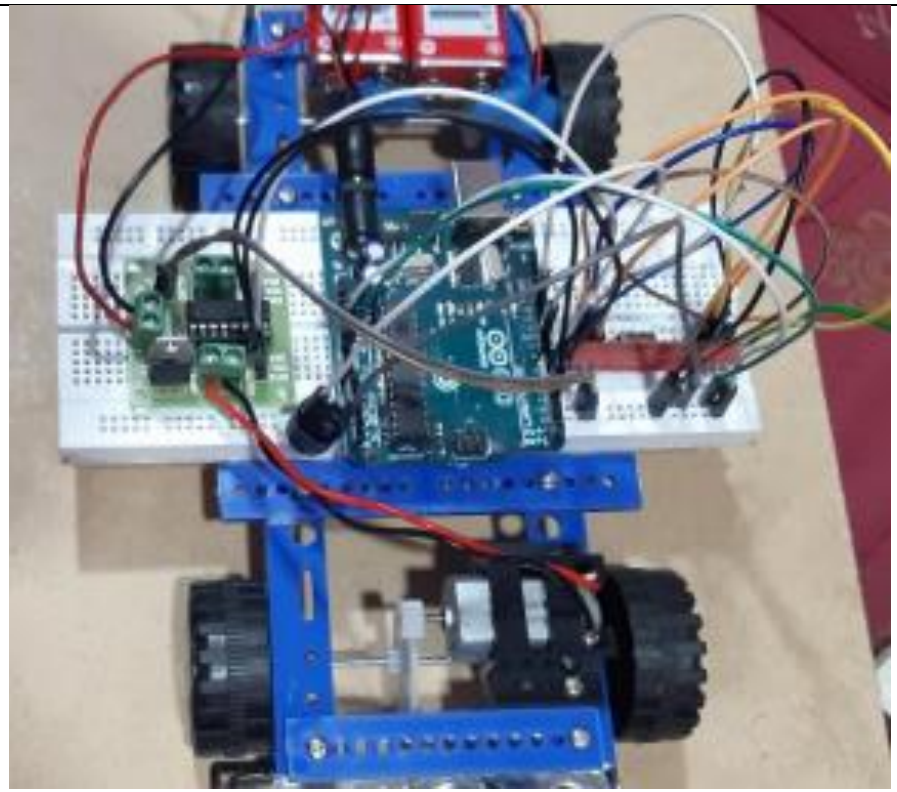
12	**Canteen Automation System**	**Project Objective Statement** This section should include a concise statement that address such questions as: • In canteens/hotels we need to give the order and then wait for it. Which leads to wastage of lot of time. Even canteen owners can have a prior information of how much food should be cooked. • Canteen Automation System enables the end users to register online, read and select the food from e-menu card and order food online by just selecting the food that the user want to have using android application. **Description of the Community Partner** This section should address such questions as:		

		• Project partner for our project are canteen/cafeteria owners students teachers. • Our overall mission on this project is to have a smooth running canteen which has automated food ordering and table booking system. **Stakeholders** This section should address such questions as: • Other than customers servers in canteen will be affected because we are reducing the job of servers. • Canteen owners has vital interest in the project's success **Project Scope** This section should address such questions as:		

		In today's age of fast food and take-out, many canteens have chosen to focus on quick preparation and speedy delivery of orders rather than offering a rich dining experience. Until very recently, all of these delivery orders were placed to the waiters or over the phone, but there are many disadvantages to this system, including the inconvenience of the customer needing to have a physical copy of the menu, lack of a visual confirmation that the order was placed correctly, and the necessity for the canteen to have an employee answering the phone and taking orders. What, we propose is a Canteen Automation System, which is a technique of ordering foods online applicable in any food delivery industry. The main advantage of this system is that it greatly simplifies the ordering process for both the customer and the canteen. When the customer		

		visits the ordering webpage, they are presented with an interactive and up-to-date menu, complete with all available options and dynamically adjusting prices based on the selected options. After making a selection, the item is then added to their order, which the customer can review the details of at any time before checking out. This provides instant visual confirmation of what was selected and ensures that items in the order are, in fact, what was intended. This system also greatly lightens the load on the canteen's end, as the entire process of taking orders is automated. Once an order is placed on the webpage, it is entered into the database and then retrieved, in pretty much real-time, by a desktop application on the canteen's end. Within this application, all items in the order are displayed, along with their corresponding options		

		and delivery details, in a concise and easy to read manner. This allows canteen employees to quickly go through the orders as they are placed and produce the necessary items with minimal delay and confusion.		
13	**AUTOMATIC SPEED CONTROL**	**Project Objective Statement** • Now-a-days, Road journey became more dangerous for the people across the world. We can observe that so many people are died by road accidents because of their reckless and irresponsible driving. By this project, we want to make the roads safer for every person in the world and to control the irresponsible and reckless driving of the vehicle drivers by controlling the speed limit at special selected zones which tends to minimize	<table><tr><td>P. Meghana</td><td>8985847780</td></tr><tr><td>E. Sri Harsha</td><td>9866886890</td></tr><tr><td>Manasa</td><td>9919491430</td></tr><tr><td>Nikhitha Reddy</td><td>9959559905</td></tr><tr><td>V. Varun</td><td>8686466433</td></tr><tr><td>Sri Vasthav</td><td>9919491430</td></tr><tr><td>Sai Nived</td><td>9849378088</td></tr></table>	

		the accidents at school, hospital zones and U-turns or bend roads and many other places. • Every vehicle should have to connect the RF receiver module which is done by our project partner “Automobile Manufacturer” and all our team members are having enough knowledge on Arduino in which we have studied in “Design Tool Workshop (Mechanics)” and we are interested to study more about automobiles to reduce the accidents. **Description of the Community Partner** • Automobile Manufacturers are the project partner for this project. • The overall mission of the project partner is they		

		should design and sell our pre designed vehicle which is having a receiver. **Stakeholders** • Many times, road accidents are happening due to driver's fault speed is not controlled. So, drivers, automobile manufacturer, traffic government authorities are our main stakeholders. • KLH faculty (Saidi Reddy Sir) and we have vital interest in the project's success. • Automobile manufacturer has an interest in maintenance, storage, etc. **Project Scope** • From this project work we can minimize the road accidents that can be achieved by implementing this RF		

		technology in vehicles. This project can helpful for people who moving on the road at school zones, hospital zones and curves on the road. We can automatically decrease speed of the vehicles with using RF Modules from high speeds. But all our efforts would be materialized if we are one step closer in building a safer road for a better future. • When the project is finished, we will be left behind with a great experience of working with automobiles and a lot of information regarding road accidents in our country along with the project outcome of our design in vehicles. • RF receiver and RF transmitter functionality		

		is in-scope and a part of our project. • Every vehicle should connect the RF receiver module and RF Transmitter connection should be in ON every time is the functionality which is out-of-scope and should not be included in our project. Our assumption is that this project has very use in future because now electric vehicles are introduced, if we installed in the vehicles then we can control the speed of the vehicle. All people are encouraged to use electric vehicles to protect the environment from the pollution. If we can introduce the speed controlling in upcoming electric vehicles with high Radio Frequency signals to reach the speed control at maximum range distance. DESCRIPTION OF THE USE CONTEXT • Our project is used in mainly in saving lives of		

		people from road accidents in accident prone areas such as school zones, hospital zones, slippery roads, sudden turns by alerting driver and it controls horns of the vehicles. It is miss used in such a case like making sound of buzzer aloud up to transmission regions far from the receiver and if in case RF Transmitter connection is OFF there is no use of it also. In such cases if driver is still waiting for buzzer, it may prone to accidents also.		
14	**SOALR VACUUM CLEANER**	PROJECT OBJECTIVE STATEMENT • To save electricity • How does your project fit within the mission of the project partner and your team? DESCRIPTION OF THE COMMUNITY PARTNER	Dhanush 7010264789 Sri Chaitanya 9885419909 Jeshwanth Kumar 9885419909 P.Karthikeya 8434444196 Srijan reddy 9830770461 Vamshidhar reddy 7010264789 B.Arvind 8985847780 G.Vamshi 9959559905 Tejas bijjam 9885419909	

		• No project partner for this project • Less electricity consumption is the overall mission for this project STAKEHOLDERS • GHMC workers, gated community workers, Domestic uses • GHMC workers have vital interest in the project's success. • GHMC workers, gated community has an interest in maintenance, storage, etc. PROJECT SCOPE Can make it more effective using lithium-ion battery for more life because over cost may increase double than the initial budget •In today's world people looking for more innovative without the manual work, were automation plays an important role to adapt in today's life. Using controller		

		board and embedded c programming can be implemented in this system • Solar capacity can be increased for max efficiency • This system can be manufactures using plastic for lesser weight • Atmospheric dust and dust deposition on solar PV both reduce efficiency of solar panel. Experimentally it is seen that efficiency of the solar panel decreases by 30-40% for indoor set up with constant illumination whereas there is loss of 4-5% for outdoor set up with natural lightening condition. • Most of the cleaning system require human interface to clean efficiently		
15	**CHEAP AND BEST WATER PURIFIER**	PROJECT OBJECTIVE STATEMENT • Our main motivation of the project is to provide clean and safe water to the people.	MD IMROZ AHMAD 9885419909 GOPIREDDY BHANU PRAKASH REDDY 9959559905 D.SRIKAR PRASAD 9885419909 G.srimannarayana 9885419909 Daraboina Manohar 8686466433 Md.Mukarram 8686466433	

- Our mission is to educate people and provide clean water to the people in need.

Description of the Community Partner

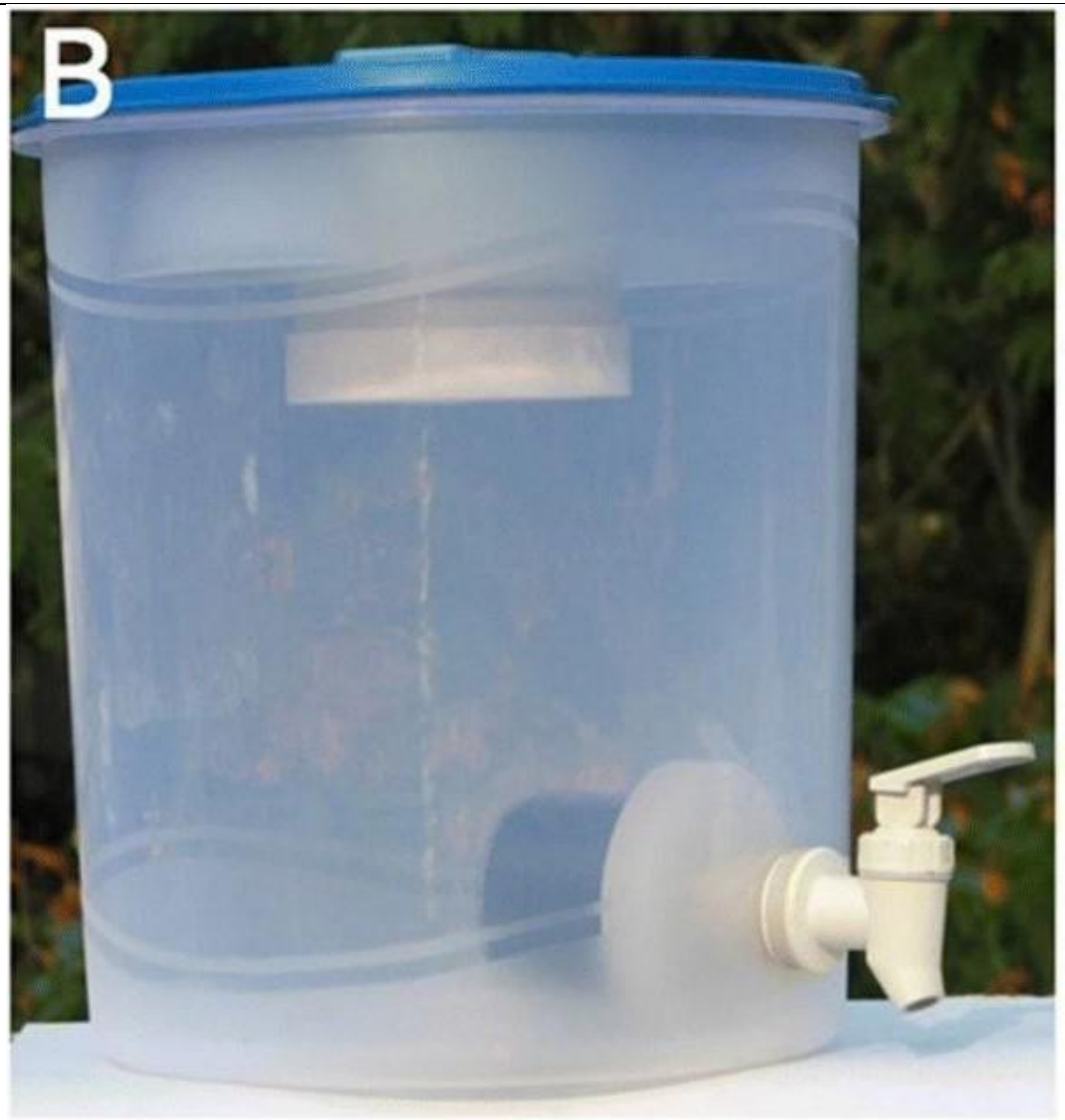
- Rural and slum people are the project partners for this project.
- The overall mission of the project is to save lives from water borne diseases.

Stakeholders

- Common people also get benefit by our project.
- Our team, EPICS, Parents, College are having vital interest in our project success.
- Many NGO's showed interest in our project. They came forward to help us.

Project Scope

- We as a team try to educate and provide water



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<td>purifiers to as many people as possible.
• When the project finishes we will try nothing is left behind by our team.
• We as a team make a water purifier and provide it to people in affordable price.
• Our in-scope is to educate the people.
• Our out-scope is to provide them with water purifiers.</td>
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<td>16</td>
<td>EMERGENCY ALARM</td>
<td>Project Objective Statement

This section should include a concise statement that address such questions as:

• Why are you doing the project (i.e. what is the motivation or need for the project?)
The main objective of the project is to help the people who can’t speak and move. It generates an alarm when they move their fingers , so the people around them gets alerted .</td>
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<table>
<tr><td>Borra Sreeja Reddy</td><td>9849378088</td></tr>
<tr><td>Sai Deekshitha</td><td>8434444196</td></tr>
<tr><td>Keerthi Reddy Thummala</td><td>9849378088</td></tr>
<tr><td>BIJAYAWADA TULASI</td><td>9885419909</td></tr>
<tr><td>Pendyala Greeshma</td><td>9885419909</td></tr>
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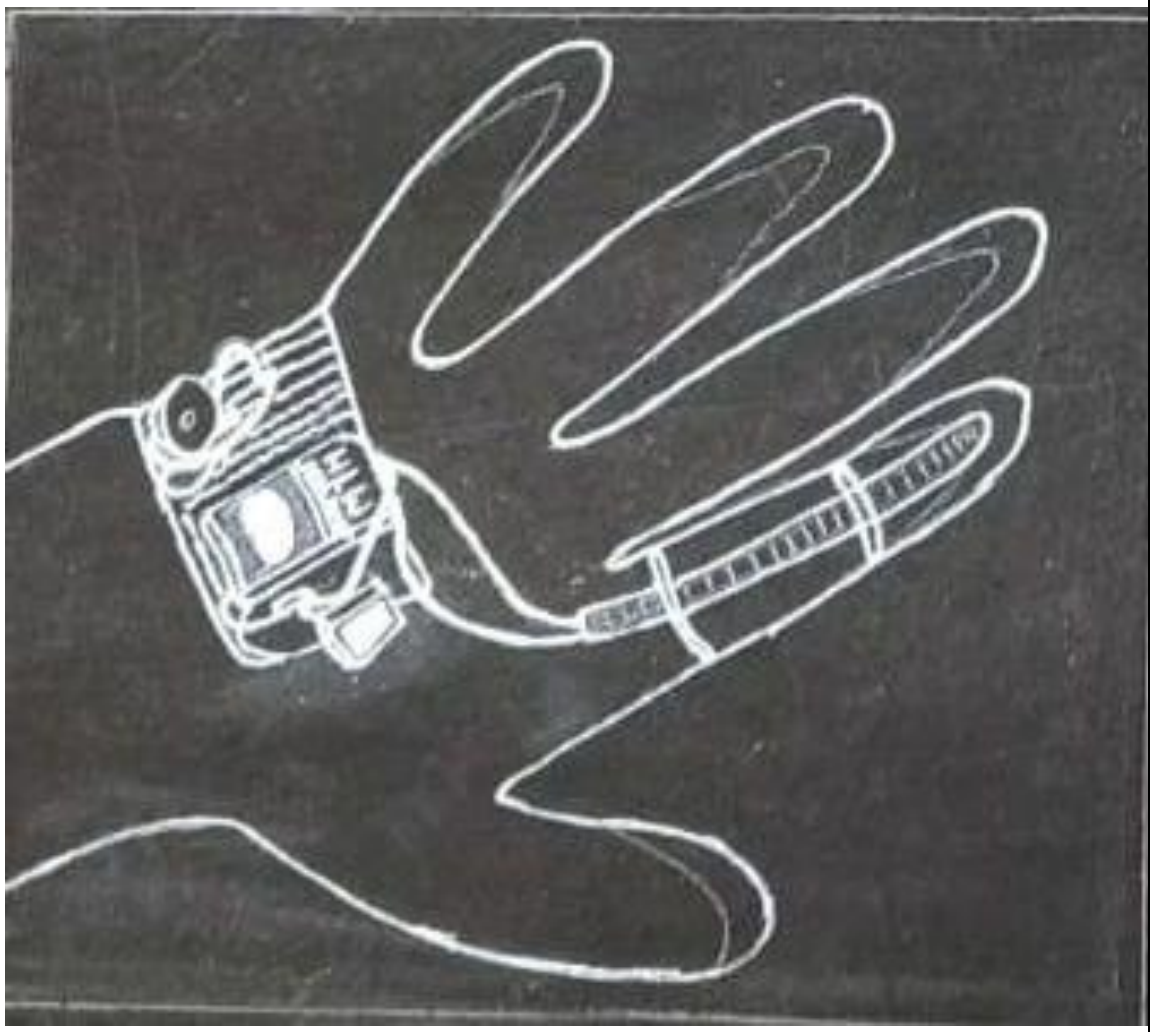
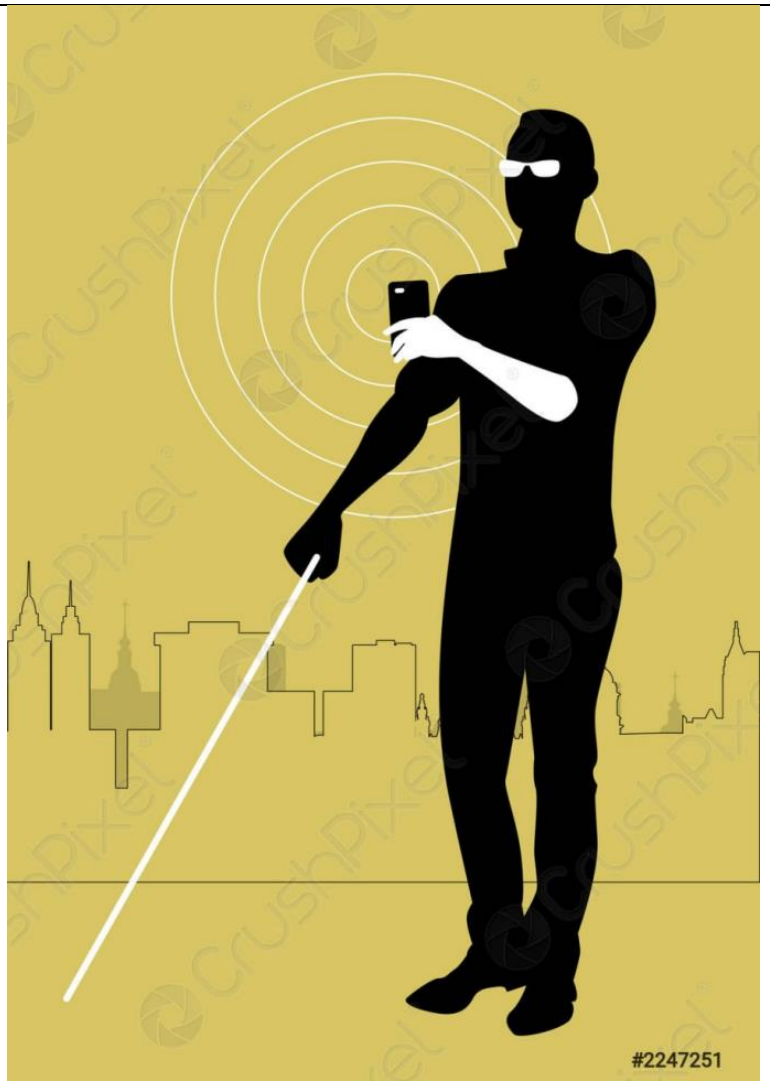
		• How does your project fit within the mission of the project partner and your team? DESCRIPTION OF THE COMMUNITY PARTNER This section should address such questions as: • Who is the project partner for this project? • What is the overall mission of the project partner? • Project Partner means an entity or organization whose voluntary cooperation is necessary to carry out the activities laid out in the Bid Proposal. A Project Partner differs from a Subcontractor in that they are not being paid to perform work under the Contract, but rather provide in- kind support or Participant access. An example of a Project Partner would be a school or homeless shelter where		

		services are provided to Project Participants. . **STAKEHOLDERS** This section should address such questions as: • Who will be affected by your project other than your customer? partnership • Who has vital interest in the project's success? Handicapped people • Think beyond the end user – Who has an interest in maintenance, storage, etc.? Service provider **PROJECT SCOPE** This section should address such questions as: • What are going to be the project results? Reduce the burden of handi – capped people , it makes the task of people easier who takes care of handi - capped		

		• When the project is finished, what will be left behind by your team? October 23rd , 2022 • What functionality is in-scope and should be part of the project at this time? If we say something is in scope, it means that a specific job or deliverable falls under the project's responsibilities. It means, we have to do it! To give you an example: Imagine you are managing a construction project for building a house. • What functionality is out-of-scope and should not be included? Our product helps the users who can't move or speak by producing an alarm which makes the people around them alert • What assumptions has your team made? People's motives		

		People's skills, abilities, competencies (or incompetencies) based on gender, race, age, etc What information people have been given How information has been understood That your goals are aligned with others		
17	**Vision - 22**	**Project Objective Statement** Apps have made life easier for many people living with blindness or a visual impairment. Being able to read things that are only in visual print, was a task that might have required a non-sighted person to seek the help of another. But apps in combination with the ever growing presence of technology grant people new ways of reading things and doing really anything. We learn to read with our ears and write with our voices.	Sree Nitya Kollu 8895109888 Nikitha Gadam 7013447336 Meena Kumari 9849378088 Pradyuth Reddy 9830770461 Nishikanth 9849378088	

		Voice-over features on smartphones are a game changer. They grant the same access to the digital world to non sighted users like everyone else. In turn, it seems that more people realize that blind people matter too. In the existing technology we have to use different apps for different purposes whereas our app will provide all the required features in one single app which include features like navigation, text reading, AI image recognition. **Description of the Community Partner** • Spoorty jyothi foundation is a foundation that provides high-quality education and skills for the visually challenged people to build a great career and provide the best solutions and expand possibilities to vision lost		

		people of all ages to achieve their full potential and to lead them from darkness to light. • This will be very useful for the people who are blind **Stakeholders** Our project covers visually impaired or blind people as a scope of the project. Recently, there has been a lot of interest in blind assisting technology, like speech recognition for people with disabilities, all over the world. Because of the expected increase in the proportion of the population with a visual disability, particularly in low and middle-income countries like India, the need for and demand for such technologies will grow over time. Several systems have been developed to assist visually		

		impaired people and improve their quality of life. Unfortunately, the majority of these systems have limited capabilities. Even though some of the systems try to expand the system there's no such system which is handy to use for the blind people. **Project Scope** Our project covers visually impaired or blind people as a scope of the project. Recently, there has been a lot of interest in blind assisting technology, like speech recognition for people with disabilities, all over the world. Because of the expected increase in the proportion of the population with a visual disability, particularly in low and middle-income countries like India, the need for and demand for such technologies will grow over time.		

		Several systems have been developed to assist visually impaired people and improve their quality of life. Unfortunately, the majority of these systems have limited capabilities. Even though some of the systems try to expand the system there's no such system which is handy to use for the blind people.		
18	**SMART DELIVERY OF PRODUCE BETWEEN FARMERS AND RETAILERS**	**PROJECT OBJECTIVE STATEMENT** • India is a country with a steep rise in population but a fall in the cultivable land area. • India is able to produce enough food to feed the people. However, it stands 97th in Oxfam's Food Availability Index, and 103rd in the 2018 Global Hunger Index.	BHARGAV KUNAPULI 8895109888 SREE CHARAN MAMIDI 9830770461 MOHAMMED ARSHAD SAMI 9849378088 SUMEDH YADAV 9849378088 DHRUVANT ELIKAPATI 9849378088	

		• The major cause could be the wastage of food produced at various levels. • Most of the food is wasted during the delivery of produce between Farmers and Retailers. • There is miscommunication between Farmers and Retail Warehouses regarding availability of space. **DESCRIPTION OF THE COMMUNITY PARNTER** • Partners Farmers-Retailers. • Provides tools for better communication between the above parties. • It also includes storage facilitators.		

		• Farmers harvest their produce. • Farmers can either sell them or store them in storage facilities. • The Retailers are responsible for the collection of the produce from the farmers. **STAKE-HOLDERS** • The environment is affected as this reduces the production of wastage. • Technology can answer most difficulties farmers face. It can assist them with predicting climate all the more precisely,		

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<td>decrease the use of water,

increase yield and their

net profit margins

The change in Indian agriculture began with the Green Revolution, which was trailed by accomplishments of large achievements: Blue revolution, white revolution, yellow and Bio-Technology revolutions. In India, agriculture is the core sector for food security, nutritional security, and sustainable development & for poverty alleviation.</td>
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<td>19</td>
<td>Anti-Drowsiness Alarm</td>
<td>PROJECT OBJECTIVE STATEMENT

• We have decided to do this project because people sleep while they drive so that we are coming with the alarm system. With that being said it’s no surprise that we’ve started the alarm</td>
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<tr><td>KATTA GOUTHAMI MANOHARI</td><td>9959559905</td></tr>
<tr><td>VINNIE JOY</td><td>9959559905</td></tr>
<tr><td>SHARISHMA</td><td>9885419909</td></tr>
<tr><td>MINUPURI PRASHASTHA</td><td>9919491430</td></tr>
<tr><td>ANUPATI SATHWIKA REDDY</td><td>9885419909</td></tr>
<tr><td>NALLAVELLI NIHARIKA</td><td>9885419909</td></tr>
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system for the 4-wheel vehicles.

- This alarm system is a great way to don’t fall asleep and be focused on driving. By creating this alarm system, the vehicle drivers can be very confident on their drive and very safe while they drive.

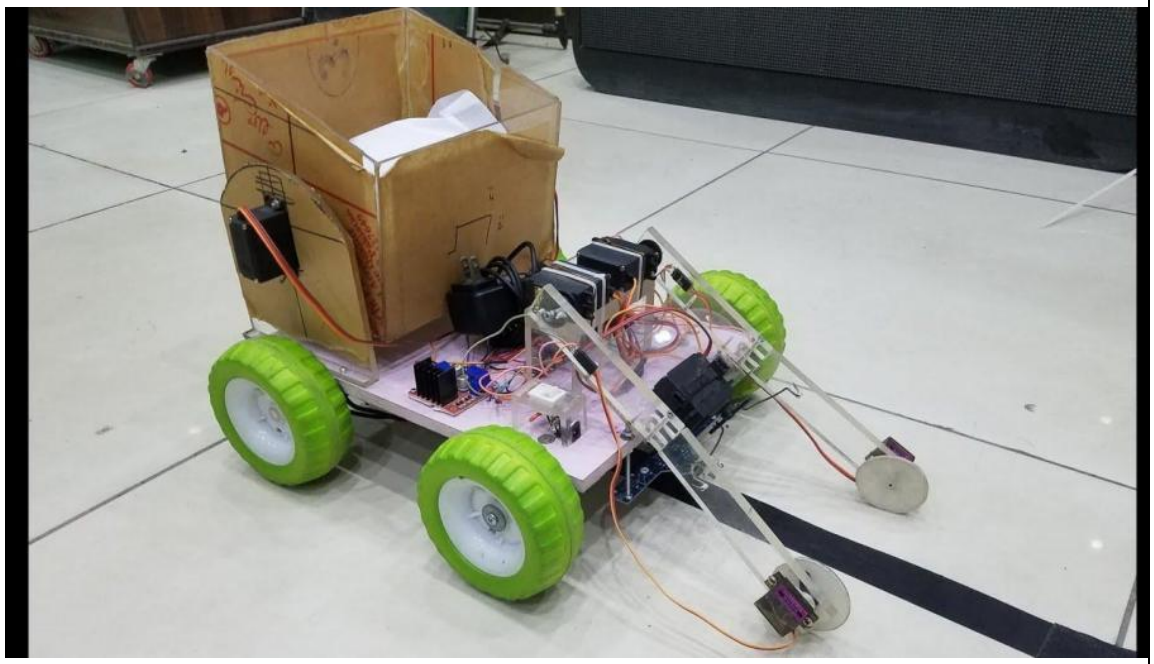
DESCRIPTION OF THE COMMUNITY PARTNER

- We feel that the project partner for our project is drivers who drives the vehicle.
- This will be very useful for the drivers who are being working on night duties.
- Drivers can be very safe trusted by our product and it is very helpful too.

STAKEHOLDERS

		• Stakeholders are the people who have interest or stake in the project. Drivers are the stakeholder of this project. Drivers are the main or primary stakeholder because they are directly affected with this project. • Auto-Mobile Engineers are also a stakeholder in this project. The engineer is responsible for inventing the sensor which reads the human eye so that it can detect the drowsiness of the driver while they drive, so that it beeps like an alarm. **PROJECT SCOPE** • The Drowsing Alarm System project will be safer or we can say like a future protective car. It has an IR Sensor in it. This software has an IR sensor, so that it detects		

		whether the driving person is fallen asleep or not. If they fall asleep, then the sensor detects it and makes a sound like an alarm. If the alarm makes sound over 3 times but still the driver has been in asleep mode. So, it reduces the speed of the vehicle so that the driver will not get affected.		
20	**GARBAGE COLLECTION MACHINE**	PROJECT OBJECTIVE STATEMENT People are busy in their professional life and they forget to pay attention to their surrounding problems, which can lead to many hazards. One of the main problem is Garbage collection. Many times, it has been observed that the garbage which should be inside the dustbin is actually lying outside the dustbin and causing the pollution of the surrounding environment, which further leads to numerous diseases. To solve this problem a human intervention is required which	RESHMA 7013447336 RITHVIKA.P 7013447336 B.SHALINI REDDY 8434444196 KARNATI VARSHA 8686466433 PAVAN KUMAR 9919491430 Duppala aditya kumar 9919491430 BHANUPRAKASH.D 8686466433	

		sometimes may lead to hazardous health problems. This project proposes the method where a robot can be used to clean the polluted areas such as garbage. DESCRIPTION OF THE COMMUNITY PARTNER • Government-Led Bodies and Community Support Organizations: Local and state officials, healthcare and service providers. STAKEHOLDERS National environmental organizations Swachh bharat abhiyan program PROJECT SCOPE • The objective of the project can be achieved to some extent. The garbage collection can be efficiently and effectively done. Using the sensors the distance from the		

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<td>object can be detected .The project is still in progress to achieve the optimised results with few more modifications.

• The Garbage and recycling pickup work is physically demanding and it exposes workers to many occupational hazards. This project is designed to fulfil the task of collecting garbage from certain places.</td>
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<td>21</td>
<td>AUTOMATIC IRRIGATION SYSTEM</td>
<td>PROJECT OBJECTIVE STATEMENT

• The main objective on selecting this project is we saw farmers facing issues of soil dryness or crop failures as they are out of station or some other reasons.
• This motivated us to work on creating an AUTOMATIC IRRIGATION SYSTEM so that they can reduce</td>
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<tr><td>PATEL VISHAL REDDY</td><td>9885419909</td></tr>
<tr><td>CH TEJA SAI NARASIMHA</td><td>9862024392</td></tr>
<tr><td>T.Bharath</td><td>9959559905</td></tr>
<tr><td>M Abhilash</td><td>9919491430</td></tr>
<tr><td>V.Anirudh</td><td>9885419909</td></tr>
<tr><td>NAGA SAI TELLA</td><td>9830770461</td></tr>
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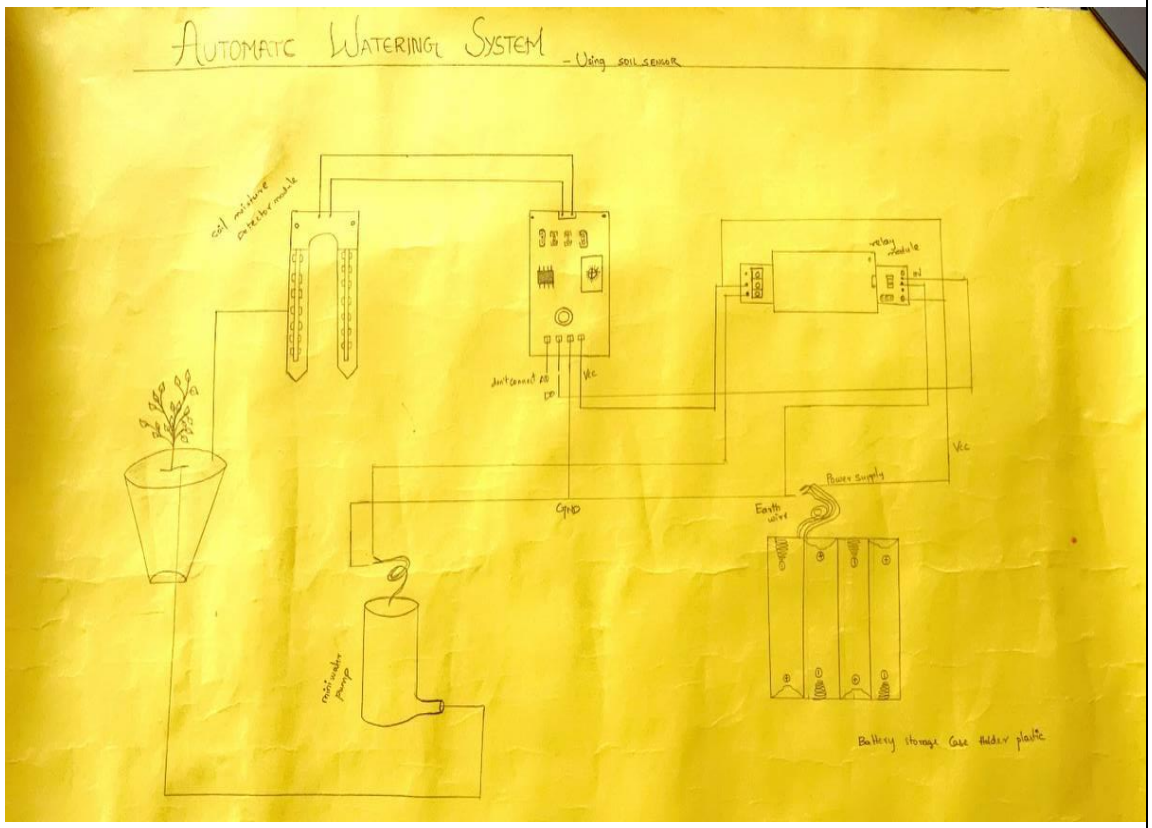
		the possibility of crop failure. **DESCRIPTION OF THE COMMUNITY PARTNER** • Our project partner for this project is definitely farmer and our motto is to reduce their work load • Help small and middle-class farmers with this low-cost SENSOR as crop failures are increasing slightly. **STAKEHOLDERS** • As of now other than farmers, we think shop keepers will be also profitable • Because once if this gets success, they can sell this to them in a reasonable price • They often do maintain and supply other goods needed **PROJECT SCOPE**		

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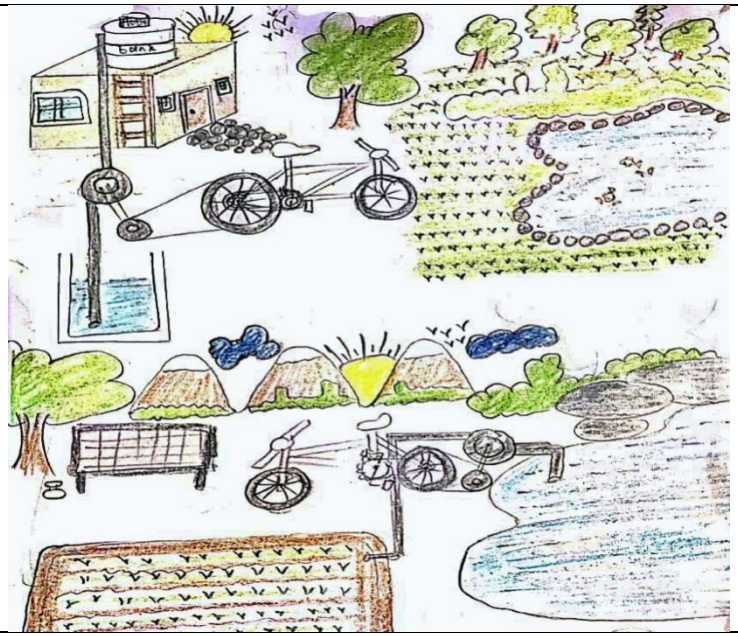
We will make a sensor that helps farmer in his daily activities
We will have an automatic water irrigating sensor
Apart from that we can also add a temperature that records temperature on hourly basis
For testing this, we need to use good soil not somewhere else like on river beds

We have assumed that this is definitely going to be a success and will be helpful to those farmers who are in need of this
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<td>22</td>
<td>Centrifugal Cycle</td>
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<tr><td>yashwanth reddy</td><td>9849378088</td></tr>
<tr><td>ganesh reddy</td><td>9849378088</td></tr>
<tr><td>BANDARI HARIKA</td><td>9849378088</td></tr>
<tr><td>m.shashank</td><td>9849378088</td></tr>
<tr><td>B. Praneeth</td><td>8985847780</td></tr>
<tr><td>Shenthan Chilkuri</td><td>9959559905</td></tr>
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