

SHEild

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Problem: Security of women riders is an increasing concern for our society.

Product: A device attached to scooter sends a message to trusted contacts with location when device is activated.

Initial Prototype:

>A device will send a message along with location.

Business:

Approached few women and men to get feedback.
Cost of product is Rs.2500 and selling price is Rs.5000.

Technology:

Internet of things
GSM, GPS, Arduino Nano, Gyroscope

Customer Stories:

Shirisha proposed to make the device user friendly.
Vani asked to set an alarm to notify nearby people about the situation.

Progress:

- Week1: Changes have been done in code of prototype.
- Week2: We have approached various men and women at malls and near colleges and took their suggestions in building the product.
- Week3: Enhanced the feature of GPS tracking.
- Week4: Added a sensor gyroscope for accident detection.
- Week5: Discussed with mechanics about installation of the device and worked to adjust the product.
- Week6: Initialization of business model and implementation on scope down features of model.

Contributors:

- >Mr. Sandeep was a helping hand in developing the revenue model.
- > Dr. Vijaya Kumari suggested to add indicator for letting user know about the delivery of message.
- >Mr. Venkatesh IOT expert Suggested to work on self installing of device.