

**MONTHLY ASSESSMENT – II (Ideation and Product Development Phase)**  
(DATE : 31/08/19)

1. Explain briefly Ideation thought process and efforts of your team to reach ideas for listed problems.

The problem which have selected is concerned with most of people. And also with the Manufacturer and Transportation company.

2. Enlist any five effective ideas to address the probable listed problems with reason.

→ Wheel chair with sensor for comfort.  
→ Transportation safety for driven.  
→ Mobile Application for easy way of shopping.  
→ Robocleaner for Auto stock cleaning purpose.

3. Explain the most effective possible solution proposed for the problem.

The problem is about to avoid accident in transportation system. for safety of product and driven.

4. Explain the features, functions and working principles/technology/pattern of your proposed solution.

The distracted driven is cause for unnecessary accident. Features of product is Emergency Alert, Detect g-deck. Function is to reduce speed, give alert to user.



4. What are the materials, technology, things have utilized to make the prototype/model?

Camera,  
Image Processing Tool kit,  
Raspberry PI,  
Battery Connection,  
Python. Arduino.

5. How many Iterations have you done to reach final solution? Explain modification/revise parameters/characteristics for each iteration.

Driver Detection is ~~not~~ not  
easy to implement because we  
are failed in initial face to  
detect mobile phone with only  
use of taking photos.

6. What is the scope of the project? How you are planning to implement it in future?

This project is very useful in  
security and safety purpose by  
automobile companies and parents  
for safety of their children.

#### SUGESTIONS BY EVALUATOR:

##### PROTOTYPE/MODEL SUGGESTIONS:

Found ok

##### GENERAL SUGESTIONS:

Found ok

Overall Mark, considering assessment I & II (Out of 10):

08

Department/Interdepartmental Evaluator name and sign:

Guide sign:

Date: 17/20/2019