

Homework 11

- **Investment themes:** These subjects drive the vision for all item groups and new stories are gotten from this choice. The determination of these choices is the duty of the individuals who have trustee duties to their partners. It incorporates existing contributions, new contributions, prospects require speculation presently, however won't contribute toward income until some other time, dusk — end uphold for existing items and administrations. Subjects are the way the endeavor distributes monetary and different assets.

Example: Self driving car software gives so many feature such as budget friendly ,user friendly, also it has capability to have all model and size which is very beneficial.

- **Epics:** In this, epic are additionally called as key purpose. Portfolio chiefs are answerable for overseeing organization' s ventures and assets. They are likewise liable for dealing with portfolio overabundance which is an epic accumulation. This is a very good initiative, as no single epic can achieve this big goal.

Example: For creating driverless vehicle includes the product subjects will be organized and recorded in epic overabundance. such as object detection, motion sensor and heatmaps. It is cost effective

- **Features:** In this, features are the fundamentals of the SAFs model they endeavor to satisfy the need of clients. These are explicit forms of legends. Highlights are basic to decide, plan and execute.

Example : Lan control and cross car communication feature will include. Also, it will include brake system, speed limit system and so on.

- **Stories:** As a user I can control the brake system as I require. Moreover, I should able to set a speed limit as per my requirement . Car can automatically park in their proper position.
- **Tasks:** In this, tasks will divide in the user stories for implementing the system. Such as automatic brake system, automatic parking and so on.

User stories and Tasks:

First release: -

- Feature 1:

Title: Automatic brake system

Acceptance Test: detect the object

Priority: 2

Story Points: 2

Task:- it has to detect the object if vehicle is near by car then brake it otherwise go on.

- Feature 2:

Title: Lane changing

Acceptance Test: object detection

Priority: 1

Story Points: 2

Task: finding for vehicle on other lane if empty change to other lane.

- Feature 3:

Title: overtaking

Acceptance Test: sensor

Priority: 1

Story Points: 4

Task:-when vehicle is front of you then check the speed then overtake the vehicle

- Feature 4:

Title: Horn-honking system

Acceptance Test: object detect

Priority: 1

Story Points: 3

Task:- when object is detected out of no where then it will activate.

- Feature 5:

Title: limit the speed

Acceptance Test: sensor

Priority: 3

Story Points: 3

Task:- when the traffic is more on that time speed will be slow and when car is in highway on that time speed will be high.

Second release: -

- Feature 1:

Title: Blind spot

Acceptance Test: detect the object

Priority: 1

Story Points: 2

Task:- it has to detect the object if vehicle is near by car then brake it otherwise go on.

- Feature 2:

Title: parking spot

Acceptance Test: detect the parking spot

Priority: 3

Story Points: 3

Task: find for parking area and hen park the car.

- Feature 3:

Title: brake

Acceptance Test: sensor

Priority: 1

Story Points: 2

Task:-when traffic light is red on that time car has to stop

- Feature 4:

Title: overtake the car

Acceptance Test: object detect

Priority: 1

Story Points: 2

Task:- when car is overtake on that time check that is any one is coming on the other side.

- Feature 5:

Title : - Horn-honking

Acceptance Test: sensor

Priority: 3

Story Points: 3

Task:- when car detect any object on that it will activate.