Homework 11

Investment Themes: Main purpose of the investment themes is to make unique and different product from the other company in the market. It is a way of presentation which adds the new features and value in the product which is very beneficial to make best product compare to other competitors. Developers work on these themes throughout the year and this will be done by separation and assigning them as percentage value of productive working time. Also, key value propositions are identified by these themes.

As an example, for driverless vehicle programming venture themes would be a headway execution in contribution long haul dependability, cost adequacy, ease of use for the user.

Epics: Strategic intent for any product is likewise known as Epics. Portfolio directors are liable for overseeing organization' s ventures and assets. They are likewise answerable for dealing with portfolio overabundance which is an epic accumulation. In epic build-up significant work is to organize the subjects relying upon business prerequisites. Epics deals with the main activities in portfolio accumulation.

As an example, for driverless car project features, themes are prioritized and categorized into the epic backlog as per the requirement. And according to requirements developer start to implement that features. Features such as object detection, automatic break, sensor, etc.

Features: Features are very essential part of the project and basics of the SAFs model as they are very important to define the customer’s requirements. It is important version of epics. Features are very hard, critical, and difficult to determine as the success of product depends on it.

As an example, for driverless car there are many features which are going to be implemented, such as lane detection, automatic brake system, speed limit, automatic parking and many more.

User Stories and task:

First Release:

Feature 1:

Title: Blind Spot detection

Acceptance test: detect the blind spot which are present on the path

Priority**:** 1

Story Point: 2

Task: To recognize if there are any vehicle or object which is too close

Feature 2:

Title: Speed limit

Acceptance test: According to lane limit the speed

Priority: 2

Story Points: 3

Task: It limits the speed according to lane and then overtake the other vehicle.

Feature 3:

Title: Automatic break system

Acceptance test: Stops the vehicle at traffic lights as well as at some specific distance from the next car

Priority 1:

Story points: 3

Task: Detects the object and signal and keep the speed at zero and stop the car.

Feature 4:

Title: Blow horn

Acceptance Test: To alert the object that is in front of the car

Priority: 3

Story point: 1

Task: Detect the vehicles that are responsible to create traffic and alert them and give a signal to take the vehicle aside.

Feature 5:

Title: Automatic parking

Acceptance test: park the car in specific are of parking

Priority: 2

Story points: 2

Task: Find the appropriate space for parking

Second Release:

User Stories and task:

Feature 1:

Title: Blind Spot detection

Acceptance test: detect the blind spot which are present on the path

Priority**:** 1

Story Point: 2

Task: Minimize the accidents

Feature 2:

Title: Speed limit

Acceptance test: According to lane limit the speed

Priority: 2

Story Points: 3

Task: According to lane, set the speed and drive the car on that speed.

Feature 3:

Title: Automatic break system

Acceptance test: Stops the vehicle at traffic lights as well as at some specific distance from the next car

Priority 1:

Story points: 3

Task: Reduces the number of accidents

Feature 4:

Title: Blow horn

Acceptance Test: To alert the object that is in front of the car

Priority: 3

Story point: 1

Task: Avoid traffic and solve the traffic problem

Feature 5:

Title: Automatic parking

Acceptance test: park the car in specific are of parking

Priority: 2

Story points: 2

Task: Detect the parking space and park the car.