**ASSIGNMENT-5**

**1.What is a story point? How will you use story points to measure size of the following fruits (fruit points) given the planning poker value ½, 1, 2, 3, 5,8,13, 20, 40, 100, infinity**

**Apple,Mango,Banana, Jack fruit, Pine apple, Gooseberry, Avocado, Lime, Pomegranate, Watermelon**

Ans:

A story point is a metric used in agile project management and development to determine (or estimate) the difficulty of implementing a given story.Itis a arbitrary measure used by Scrum teams. In simple terms its a number that tells the team how hard the story is. Hard could be related to complexity, Unknowns and effort.

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| --- | --- |
| Apple | 2 |
| Mango | 3 |
| Banana | 5 |
| Jack fruit | 20 |
| Pine apple | 8 |
| Gooseberry | 1/2 |
| Avocado | 8 |
| Lime | 1 |
| Pomegranate | 2 |
| Watermelon | 13 |

**2.What are the points discussed during the daily standup meeting? What happens if there is a problem a team member identifies during the stand up meeting and how the same will be resolved?**

Ans:

In daily standup meeting the maximum duration of meeting is 15 minutes.

So the points discussed during the meeting are

* What have I done so far ?
* what am i going to do until next meeting ?
* do i have impediments ?

If a there a team memeber have a problem, that will not disussed during standup meeting. Then another meeting conducted to resolve the problem & take necessary actions.The daily standup meetings usually take 10-15 minutes. The scrum master and the Development team take part in these meetings.It is very important to have these meetings daily. They give us a proper planning and keep us on proper track of the project schedule. The main points discussed are

* Any impediments or problems to be arised
* what was done yesterday
* What is to be done today

If a problem is arised during a meeting,the problem is heard by all the team members and the scrum master. A clarification or solution is not given at that time during the meeting. After the meeting, the scrum master clarifies the team members problem by giving him an optimal solution.

**3.What is the relationship between Epic, User story and Feature? What are themes?**

**Epic** : is a large user story. It just means “big user story”. An Epic is a collection of large features. Epics need to be broken down into smaller features so that the sprints can work on them.A user story that becomes so big and has many features linked inside it is called an epic.

**User story** : Is simply something a user wants. It desribes what the user wants,ie the goal of the scrum team to develop. The user story is derived from the customer by the product owner.

Eg: As a user, I want to search for a job, so I can get settled in life.

**Feature** : is the requirement of users/customers/stake holders.A Feature is what the User or Customer requires from the Product Owner. The Product Owner lists these desires as Features in the form of a List, called the Product Backlog.

**Theme**: is the collection of similar user stories.Themes describe the area of focus or an action that is to be done. In the above example, job search is the theme,ie the main aim.It is a group of user stories that have something in common, and are grouped together.

**4.Provide an example of Feature and user stories for the below Epic:**

**Epic: Allow the customers to manage their own accounts in the web portal**

Features:

* Display informative Home screen
* User Login
* Open a new Account
* Secure Message Alerts
* Mini Statment printing

User stories:

* As a User, I want to access the Home scree, so that I can enter the website
* As a user, I need to be able to register so that i can start a new account
* As a user, I need to be able to login with my username/password, to gain access to the site
* As a user, I want to be able to see my profile, so that I can see the current account details
* As a user, I want to be able to transfer money to another account, so that I can the do internet banking

**5. Class assignment:**

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| **Product backlog item** | **Estimate** |
| Read a high-level, 10-page overview of agile software development in a  celebrity magazine. | 1 day |
| Read a densely written 5-page research  paper about agile software development  in an academic journal. | 2 days |
| Write the product backlog for a simple eCommerce site that sells only clocks | 2 hr |
| Recruit, interview, and hire a new member for your team | 4 days |
| Create a 60-minute presentation about agile estimating and planning for your coworkers. | 4 hr |
| Wash and wax your boss’ Porsche | 3 hr |
| Read a 150-page book on agile software development. | 3 days |
| Write an 8-page description of agile development for your boss | 1 days |