Project Planning Phase

Project Planning (Product Backlog, Sprint Planning, Stories, Story points)

Date	27October 2023
Team ID	PNT2022TMID 592388
Project Name	Project - RESTAURANT RECOMMENDATION SYSTEM
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

To create product backlog and sprint schedule :

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Oorjit Kotnala
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application.	1	High	Suniksha Ben Patel
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook.	2	Low	Madhavan A
Sprint-1	Registration	USN-4	As a user, I can register for the application through Gmail.	2	Medium	Kishore Kumar J S
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password.	1	High	Oorjit Kotnala
Sprint-2	Dashboard	USN-6	As a user, I can view my profile information on the dashboard.	3	Medium	Suniksha Ben Patel
Sprint-2	Dashboard	USN-7	As a user, I can edit my profile information on the dashboard.	3	Medium	Madhavan A
Sprint-3	Dashboard	USN-8	As a user, I can view recommended restaurants on the dashboard.	5	High	Kishore Kumar J S

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	TBD	TBD
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	TBD	TBD
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	TBD	TBD

Where TBD is to be declared as the project is on progress.

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts