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

Date	22 June 2024
Team ID	SMTMID1720168902
Project Name	Project – Food Ordering App
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation (2 Marks)

Use the below template 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	Indira, Raghu Ram
Sprint-1		USN-2	As a user, I can register for the application through Gmail.	2	Medium	Indira, Raghu Ram
Sprint-1	Login	USN-3	As a user, I can login to the application by entering email and password.	1	High	Yoshitha JayaSri
Sprint-2	Dashboard	USN-4	As a user, I can see my profile information.	3	High	Indira, Raghu Ram
		USN-5	As a user, I can navigate to different sections like search, my posts, saved posts, and messages.	3	High	Yoshitha JayaSri
Sprint-3	Search	USN-6	As a user, I can search for food items by entering a location and price range.	3	High	Indira, Raghu Ram
		USN-7	As a user, I can filter search results based on price range and location.	3	High	Yoshitha JayaSri
Sprint-4	Post Store	USN-8	As a user, I can post a store for food items by providing details such as when it was prepared and freshness duration.	5	High	Indira, Raghu Ram
Sprint-5	Real-Time Messaging	USN-9	As a user, I can message a food order owner in real-time.	5	High	Yoshitha JayaSri
Sprint-6	Save Posts	USN-10	As a user, I can save posts of foods I am interested in.	2	Medium	Indira, Raghu Ram

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-7	Image Upload	USN-11	As a user, I can upload images when posting a food item	2	High	Yoshitha JayaSri
Sprint-8	Additional Features	USN-12	As a user, I can view food items on a map and compare them with others.	3	Medium	Indira, Raghu Ram
		USN-13	As a user, I can set and view policies for food item storage.	2	Medium	Yoshitha JayaSri

Project Tracker, Velocity & Burndown Chart: (2 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	22 June 2024	28 June 2024	20	29 Oct 2023
Sprint-2	20	6 Days	30 June 2024	05 July 2024	18	
Sprint-3	20	6 Days	06 July 2024	12 July 2024	20	
Sprint-4	20	6 Days	13 July 2024	18 July 2024	17	
Sprint-5	20	6 Days			19	
Sprint-6	20	6 Days			20	
Sprint-7	20	6 Days			18	
Sprint-8	20	6 Days			20	
Sprint-9						
Sprint-10						

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 burndown 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
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