Project Planning Phase

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

Team ID	Team-591739
Project Name	Project – Restaurant Recommendation System
Maximum Marks	8 Marks
Team Members	- Arsh Sharma 21BCE2483 - Shaik Mohid Babu 21BCE9569 - Charith Yerram 21BBS0165 - Veerala Rupa 21BCE9563

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

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	Arsh S SK Mohid Babu	
Sprint-1		USN-2	As a user, I can use the services without registering as a user.	1	High	Rupa V	
Sprint-1	Profile Management	USN-3	As a user, I want to be able to edit my profile information, including preferences such as budget range, cuisine preferences, and distance range.		Medium	Charith Y Arsh S	
Sprint-1	Login	USN-4	As a user, I can log into the application by entering my email & password.		High	SK Mohid Babu	
Sprint-2	Interface	USN-5	As a User, I want a user-friendly interface that is 2 High easy to navigate and understand.		Rupa V		
Sprint-2	Search	USN-6	As a User, I want to discover the best restaurants in my area.	2	Medium	Charith Y	

Sprint-2		USN-7	As a hungry user, I want to be able to input my location and dietary preferences so that the AI system can recommend nearby restaurants.	High	Charith Y SK Mohid Babu		
Sprint-3	Filter	USN-8	As a customer, I want the option to filter restaurant recommendations based on dietary restrictions.	restaurant recommendations based on dietary			
Sprint-3		USN-9	As a user, I want the AI system to provide me with a list of fast-food restaurants with high ratings near my location, so I can quickly find a place to eat on my lunch break.	2 High		Arsh S Rupa V SK Mohid Babu	
Sprint-3		USN-10	As a health-conscious user, I desire the AI system to offer restaurant recommendations that consider nutritional information, enabling me to make healthier dining choices.		Charith Y Arsh S		
Sprint-4		USN-11	As a user, I want to receive personalized restaurant recommendations based on my past dining history and preferences, enhancing my dining experiences.	2	High	Arsh S Rupa V SK Mohid Babu Charith Y	
Sprint-4	Review	USN-12	As a user, I want to write reviews and rate restaurants I've visited, helping other users make informed dining choices			Arsh S SK Mohid Babu	
Sprint-4		USN-13	As a User, Users want to access reviews and ratings to make informed decisions about restaurant choices.	2	High	Rupa V Charith Y	

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	6	4 Days	3 Nov 2023	7 Nov 2023	6	07 Nov 2023
Sprint-2	7	5 Days	8 Nov 2023	13 Nov 2023	7	13 Nov 2023

Sprint-3	4	2 Days	14 Nov 2023	16 Nov 2023	4	16 Nov 2023
Sprint-4	5	3 Days	17 Nov 2023	20 Nov 2023	5	20 Nov 2023

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)

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

Average Velocity (Sprint 1) = 6/4 = 1.5

Average Velocity (Sprint 2) = 7/5 = 1.4

Average Velocity (Sprint 3) = 4/2 = 2

Average Velocity (Sprint 4) = 5/3 = 1.66

Total Average Velocity = 1.5 + 1.4 + 2 + 1.66 = 6.56

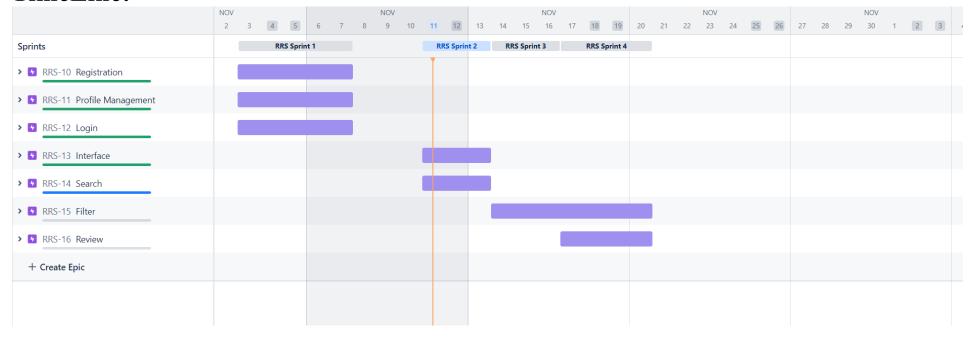
Burndown Chart:

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.

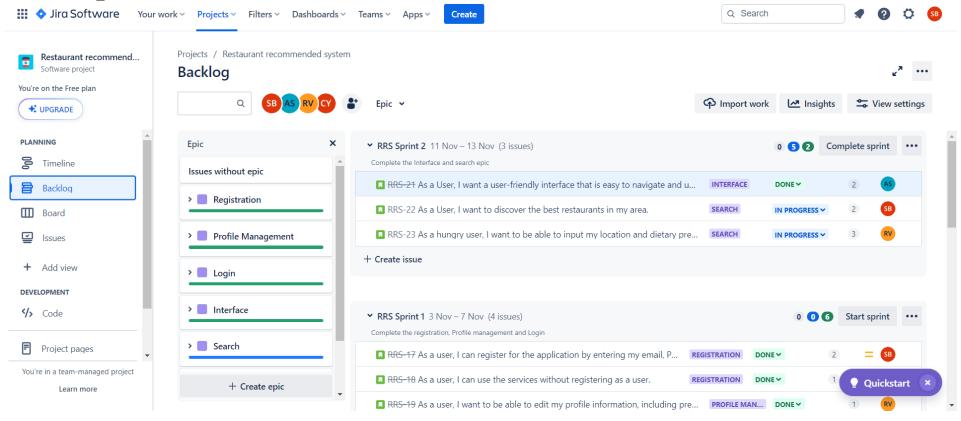


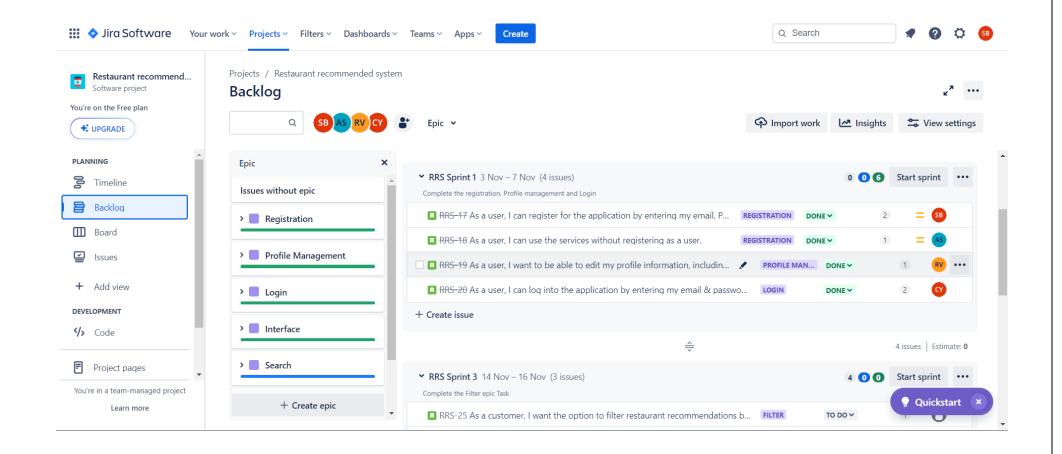


TimeLine:



BackLog:





Board:

