Project Planning Phase

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

Date	3 November 2022
Team ID	PNT2022TMID34848
Project Name	Project – Customer Care Registry
Maximum Marks	8 Marks

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	Athira R K
		USN-2	As a user, I will receive confirmation email once I have registered for the application.	1	High	Dharshni C J
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password.	2	High	Jenusha R J
Sprint-1	Order creation	USN-4	As a user, I can place my order with the detailed description of my query.	2	High	Kalaivani N
Sprint-2	Address Column	USN-1	As a user, I can have conversations with the assigned agent and get my queries clarified.	2	High	Dharshni C J

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Order details	USN-2	As a Customer ,I can see the current stats of order.	1	Medium	Athira R K
Sprint-2	Connecting to IBM DB2	USN-3	As an admin, Linking database with dashboard.	2	High	Jenusha R j
Sprint-2		USN-4	As an admin, Making dashboard interactive with JS.	2	High	Kalaivani N
Sprint-3		USN-1	As an admin, wrapping up the server side works of frontend.	1	Medium	Dharshni C J
Sprint-3	Watson assistant	USN-2	Creating Chatbot for clarifying user's query.	1	Medium	Athira R K
Sprint-4	Docker	USN-1	Creating image for website using docker.	2	High	Dharshni C J
Sprint-4	Cloud Registry	USN-2	Uploading docker image to IBM Cloud registry.	2	High	Jenusha R J
Sprint-4	Kubernetes	USN-3	Creating container using the docker image and hosting the site.	2	High	Athira R K
Sprint-4	Exposing	USN-4	Exposing IP/Ports for the site	2	High	Kalaivani N

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	14 Oct 2022	20 Oct 2022	20	21 Oct 2022
Sprint-2	20	6 Days	22 Oct 2022	28 Oct 2022	20	29 Oct 2022
Sprint-3	20	6 Days	30 Oct 2022	05 Nov 2022	20	06 Nov 2022
Sprint-4	20	6 Days	7 Nov 2022	13 Nov 2022	20	14 Nov 2022

Velocity:

Imagine we have a 6-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)

$$AV = \text{sprint duration} / \text{velocity} = 20/6 = 3.3$$

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.