

Project Planning Phase

(Project Backlog,
Sprint Planning,
Stories,
Story Point)

Date	20 October 2022
Team ID	PNT2022TMID24627
Project Name	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	User Panel	USN-1	As a User, I can be able to login to my account and access my dashboard. I should be able to raise a ticket regarding my queries to get them solved.	2	High	JANESHWAR S, SIDDHARTH B
Sprint-2	Admin Panel	USN-2	As an Admin, I can be able to keep track of the raised queries and the customers relation with the application. I should be also able to solve the queries	2	High	JANESHWAR S, GELLI CHAKRADHAR
Sprint-3	Chat Bot	USN-3	Chatbot implementation with the web application using IBM Watson assistant	2	High	JANESHWAR S, ALLA SRINIVASULU
Sprint-4	Final Deliverables	USN-4	Final Deliverables are the extras that we wish to deliver to the user for better experience.	2	High	JANESHWAR S., SIDDHARTH B, GELLI CHAKRADHAR ALLA SRINIVASULU

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		29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		19 NOV 2022

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)

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



BURNDOWN GRAPH

PROJECT DELIVERABLES

Create FrontEnd

Create API for CRUD operations

Containerize the app

Dockerize and upload to Docker Hub

Register in IBM Kubernetes

Deploy the App

Deliver the final Deliverables

WEEK 1

WEEK 2

WEEK 3

WEEK 4

