Project Planning Phase

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

Date	**30 October 2022**
Team ID	**PNT2022TMID20462**
Project Name	**Customer Care Registry**
Maximum Marks	**8 Marks**

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

Use the below template to create a product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint 1	User Panel	USN-1	The user will log in to the website and go through the services available on the webpage	20	High	Krishna Veni . M Uma Raja Selvi .M Alex .J Azik Jamal Ghouse . M
Sprint 2	Admin Panel	USN-2	The role of the admin is to check out the database about the availability and have track of all the things that the users are going to service	20	High	Krishna Veni . M Uma Raja Selvi .M Alex .J Azik Jamal Ghouse . M
Sprint 3	Tracking System	USN-3	The user can track the process through the E-mail	20	High	Krishna Veni . M Uma Raja Selvi .M Alex .J Azik Jamal Ghouse . M
Sprint 4	Final delivery	USN-4	Container of applications using docker Kubernetes and deployment of the application. Create the documentation and finally submit the application	20	High	Krishna Veni . M Uma Raja Selvi .M Alex .J Azik Jamal Ghouse . M

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

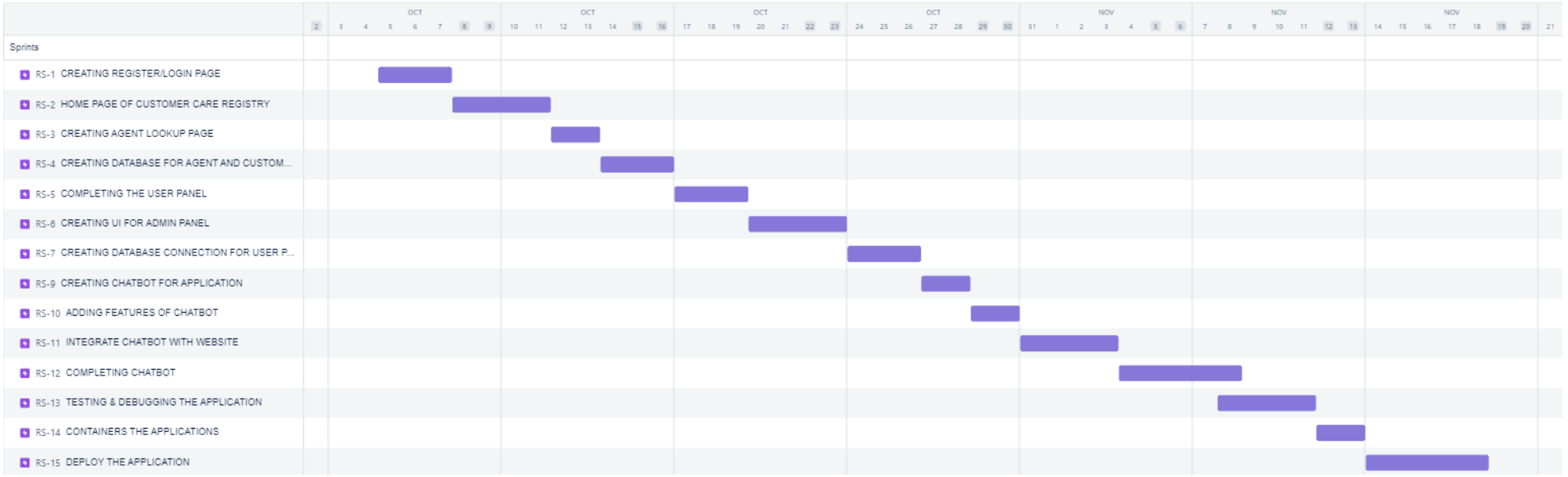
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022		29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		5 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 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)

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

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.