

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

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|---------------|----------------------------------|
| Date | 18October 2022 |
| Team ID | PNT2022TMID28812 |
| Project Name | Project – CUSTOMER CARE REGISTRY |
| Maximum Marks | 8 Marks |

Product Backlog, Sprint Schedule, and Estimation (4 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 | USER PANEL | USN-1 | The customer will login into the website and make use of services deployed on the webpage | 20 | HIGH | MOULI |
| Sprint-2 | ADMIN PANEL | USN-2 | The role of the admin is to check out the database about the availability and have a track all the things that the users are going to service | 20 | HIGH | LAL RICHARD |
| Sprint-3 | CHAT BOT | USN-3 | The customer can directly talk to Chatbot regarding the services , get the recommendations based on information provided by them. | 20 | HIGH | GURU AKASH |
| Sprint-4 | FINAL DELIVERY | USN-4 | Container of applications using docker , kubernetes and deployment of application . Create the documentation and final submit the application | 20 | HIGH | MUNNAM PRASANNA KUMAR |

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

A burn down chart is a graphical representation of work left to do versus time.

