

Project Planning Phase

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

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|---------------|--|
| Date | 8 November 2022 |
| Team ID | PNT2022TMID47421 |
| Project Name | Project -Smart Fashion Recommender Application |
| 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 user will login into the website and go through the products available on the website | 20 | High | Jeya Roselin J Sarulatha M Ilakkiya Shenbagam M Pirama Raji R |
| Sprint-2 | Admin panel | USN-2 | The role of the admin is to check out the database about the stock and have a track of all the things that the users are purchasing. | 20 | High | Jeya Roselin J Sarulatha M Ilakkiya Shenbagam M Pirama Raji R |
| Sprint-3 | Chat Bot | USN-3 | The user can directly talk to Chatbot regarding the products. Get the recommendations based on information provided by the user. | 20 | High | Jeya Roselin J Sarulatha M Ilakkiya Shenbagam M Pirama Raji R |
| Sprint-4 | final delivery | USN-4 | Container of applications using docker kubernetes and deployment the application. Create the documentation and final submit the application | 20 | High | Jeya Roselin J Sarulatha M Ilakkiya Shenbagam M Pirama Raji R |

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 | 8 Nov 2022 | 10 Nov 2022 | | 10 Nov 2022 |
| Sprint-2 | 20 | 6 Days | 09 2022 | 11 Nov 2022 | | 11 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 10 Nov 2022 | 12 Nov 2022 | | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 11 Nov 2022 | 13 Nov 2022 | | 13 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)

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