

## Project Planning Phase

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

Date	25 October 2022
Team ID	PNT2022TMID27859
Project Name	University Admit Eligibility Predictor
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	Home page	USN-1	As a user, it is made easy for me to understand using the detailed description provided.	1	Low	Ahamed Basheer M
Sprint-1	Registration	USN-2	As a user, I can register for the application by entering my email, password, and confirming my password.	1	High	Aishwarya DP
Sprint-1		USN-3	As a user, I will receive confirmation email once I have registered for the application	2	High	Amreen Taj MA
Sprint-2	Login	USN-4	As a user, I can log into the application by entering email & password	2	Medium	Lokesh M
Sprint-2	Extension points	USN-5	As a user, if my password is invalid I'm given forgot password option	1	Medium	Ahamed Basheer M
Sprint-3	Dashboard	USN-6	As a user, I can track and analyse my previous records	2	High	Aishwarya DP
Sprint-4	Entry form	USN-7	As a user, I must enter my academic scores and also my preferred university location for the application to predict the results	1	High	Amreen Taj MA
Sprint-3	Results	USN-8	As a user, I can view the results predicted by the application	2	High	Lokesh M
Sprint-3	Resource page	USN-9	As a user, I can view the details of the eligible universities official page and details of the admission process	1	High	Ahamed Basheer M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Queries	USN-10	As a customer care executive, I must assist users who face problems through Q&A	2	Low	Aishwarya DP
Sprint-4	Feedback form	USN-11	As a customer care executive, I should get input for the tool's enhancement from users	1	Low	Amreen Taj MA
Sprint-2	Feature development	USN-12	As an administrator I will secure and use the obtained data for developing the application	2	High	Lokesh 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		
Sprint-2	20	6 Days	01 Nov 2022	06 Nov 2022		
Sprint-3	20	6 Days	09 Nov 2022	14 Nov 2022		
Sprint-4	20	6 Days	16 Nov 2022	21 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. 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.

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

<https://www.atlassian.com/agile/tutorials/burndown-charts>

**Reference:**

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>

<https://www.atlassian.com/agile/tutorials/epics>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

<https://www.atlassian.com/agile/tutorials/burndown-charts>