

## Project Planning Phase

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

Date	01 November 2023
Team ID	591-581
Project Name	Travel Insurance Prediction
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Team Members
Customer (Mobile user)/ (Web User)	Age	USN-1	As a user, I can check whether a person will take travel insurance or not based on his/her age	I can get required information	High	4
	Employment Type	USN-2	As a user, I can check whether a person will take travel insurance or not based on his/her Employment Type	I can get required information	High	4
	Graduate or not	USN-3	As a user, I can check whether a person will take travel insurance or not by knowing if he/she is a graduate or not	I can get required information	High	4
	Annual Income	USN-4	As a user, I can check whether a person will take travel insurance or not based on his/her annual income	I can get required information	High	4
	Family Members	USN-5	As a user, I can check whether a person will take travel insurance or not based on his/her Family members	I can get required information	High	4
	Chronic Diseases	USN-6	As a user, I can check whether a person will take travel insurance or not based on his/her Chronic Diseases.	I can get required information	Low	4

	Frequent Flyer	USN-7	As a user, I can check whether a person will take travel insurance or not by seeing his/her travel enthusiasm.	I can get required information	Low	4
	Ever travelled Abroad	USN-8	As a user, I can check whether a person will take travel insurance or not by knowing whether he/she ever travelled abroad or not.	I can get required information	High	4
	Application/ Website	USN-9	As a user, I can check whether a person will take travel insurance or not by using a simple website or an application	I can use an app/web browser.	High	4

#### 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	25	5 Days	20 Oct 2023	25 Oct 2023	20	20 Oct 2023
Sprint-2	25	5 Days	26 Oct 2023	31 Oct 2023	18	26 Oct 2023
Sprint-3	25	5 Days	01 Nov 2023	05 Nov 2023	14	01 Nov 2023
Sprint-4	25	5 Days	06 Nov 2023	10 Nov 2023	9	06 Nov 2023
Sprint-5	25	5 Days	11 Nov 2023	16 Nov 2023	3	11 Nov 2023

**Velocity:**

The total sprint duration is 5 days and the team has 25 points per sprint. So the average velocity (AV) per iteration unit (story points per day) is:

$$\text{Average Velocity} = \frac{\textit{sprint duration}}{\textit{velocity}}$$

$$= \frac{25}{5}$$

$$= 5$$

### 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.

