

Project Planning Phase

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

Date	28 October 2022
Team ID	PNT2022TMID36846
Project Name	Project-smart lender-Applicant credibility prediction for loan approval
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Node RED Service	USN-1	Create Node RED service	12	High	Vignesh
Sprint-2	Web Application in Node RED	USN-2	Web application using Node RED service.	8	Moderate	Vignesh, Dharmasashtha
Sprint-3	Watson IOT Platform	USN-3	IBM Watson IOT Platform	5	High	Vignesh, Dharmasashtha
Sprint-4	Running web application		Node RED service	9	High	Vignesh

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-8	Integration of Flask webpage with the assistant to provide a framework/As a user, I can see a webpage to access the assistant.	10	High	S.Harish, M.vigneshvaram
Sprint-4	Deployment Phase-II& Model Improvement	USN-9	Banking Industry or Running the service/As a user, I can see and use a 24*7 banking assistant.	15	High	S.Harish M.Vignesh Varam, R.Durga Devi, G.Surendar
Sprint-4		USN-10	Improving the model efficiency whenever needed/As a user, I can see new updated in Future days.	5	Moderate	R.Durga Devi, G.Surendar.

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:

The team's average velocity (AV) per iteration unit (story points per day)

$$AV = 20/6 = 3.3$$

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.

