Project Planning Phase

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

Date	28 October 2022
Team ID	PNT2022TMID36846
Project Name	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	**Micro services-Based Architecture**	USN-1	A micro services-based loan management solution is credible, agile and best suited for the sanctioning of loans.	12	High	TL, M2
Sprint-1		USN-2	Understanding Customer's Banking Related Queries and skills/ As a user, I can see a Chat bots with Banking skills.	8	Moderate	M2,M3
Sprint-2	**Centralized Access**	USN-3	centralized access to all customer-related data that have been stored throughout the customer lifecycle.	5	High	T3,M4
Sprint-2		USN-4	This removes the bottleneck of storage and retrieval of borrower data through multiple systems.	5	High	M4,M3
Sprint-2		USN-5	Building action and Adding responses to NetBanking/As a user, I can see a Chat bots which helps to access Net Banking	5	High	TL,M3
Sprint-2		USN-6	Building action and Adding responses to LoanQueries/As a user, I can see a Chat bots which helps in Loan related Queries.	5	High	M4,M2
Sprint-3	Testing & Deployment Phase-I	USN-7	Testing the chat bots performance with the trained banking functionalities or Conversations / As a user, I can know theChat bots performance level.	10	High	M3,M2

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 wheneverneeded/As a user, I can see new updated in Future days.	5	Moderate	R.Durga Devi, G.Surend ar.

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 suchas Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

BURNDOWN CHART