

## Project Planning Phase

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

Date	1 November 2022
Team ID	PNT2022TMID26751
Project Name	AI Based Discourse for Banking Industry
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Geetha.M Ishwarya.R Keerthiga.V
Sprint-2		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	Medium	Geetha.M Ishwarya.R Keerthiga.V
Sprint-3		USN-3	As a user, I can register for the application through Facebook	1	Low	Geetha.M Krishna kumar
Sprint-2		USN-4	As a user, I can register for the application through Gmail	1	High	Geetha.M Krishna kumar
Sprint-4	Login	USN-5	As a user, I can log into the application by entering email & password	5	High	Geetha.M Ishwarya.R Keerthiga.V
Sprint-1	Dashboard	USN-6	As a user, I can get the application completion status and files to be required to create the account.	1	Medium	Krishna kumar
Sprint-3	Building of IBM chatbot Assistant	USN-7	Creation of Banking Chatbot or Assistant using IBM Watson Assistant/ As a user, I can see a Banking Assistant.	8	High	Keerthiga

Sprint-3	Modelling of Assistant	USN-8	Adding responses to Account Creation/As a user, I can see a Chatbot which helps to create an account	2	High	Ishwarya.R Geetha.M Krishna kumar
Sprint-1		USN-9	As a user, I can see a Chatbot which helps to solve the banking queries.	1	Medium	Ishwarya.R
Sprint-4		USN-10	As a user, I can see a Chatbot which helps to access Net Banking	2	High	Krishna kumar Ishwarya.R Keerthiga.V
Sprint-3		USN-11	As a user, I can see a Chatbot which helps in Loan related Queries.	3	Low	Keerthiga.V Geetha.M
Sprint-1	Testing & Deployment Phase-I	USN-12	Testing the chatbot performance with the trained banking.	8	High	Geetha.M Ishwarya.R Keerthiga.V
Sprint-2		USN-13	Integration of Flask webpage with the chatbot assistant to provide a framework,As a user, I can see a webpage to access the chatbot.	2	High	Krishna kumar Geetha.M Ishwarya.R
Sprint-4	Deployment Phase-II & Model Improvement	USN-14	Deployment of AI based chatbot for banking Industry or Running the Chatbot service/As a user, I can see and use a 24*7 banking chatbot.	1	Low	Keerthiga.v Ishwarya.R

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1		USN-15	Improving the model efficiency whenever needed/As a user, I can see new updated chatbot in Future days.	2	Moderate	Geetha.M Krishna kumar
Sprint-2	Verification	USN-16	Administrator can completely verify the submitted application.	5	High	Krishna kumar
Sprint-3	Approval	USN-17	After completion, new banking credentials are provided to the customers.	2	High	Keerthiga.V Geetha.M

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

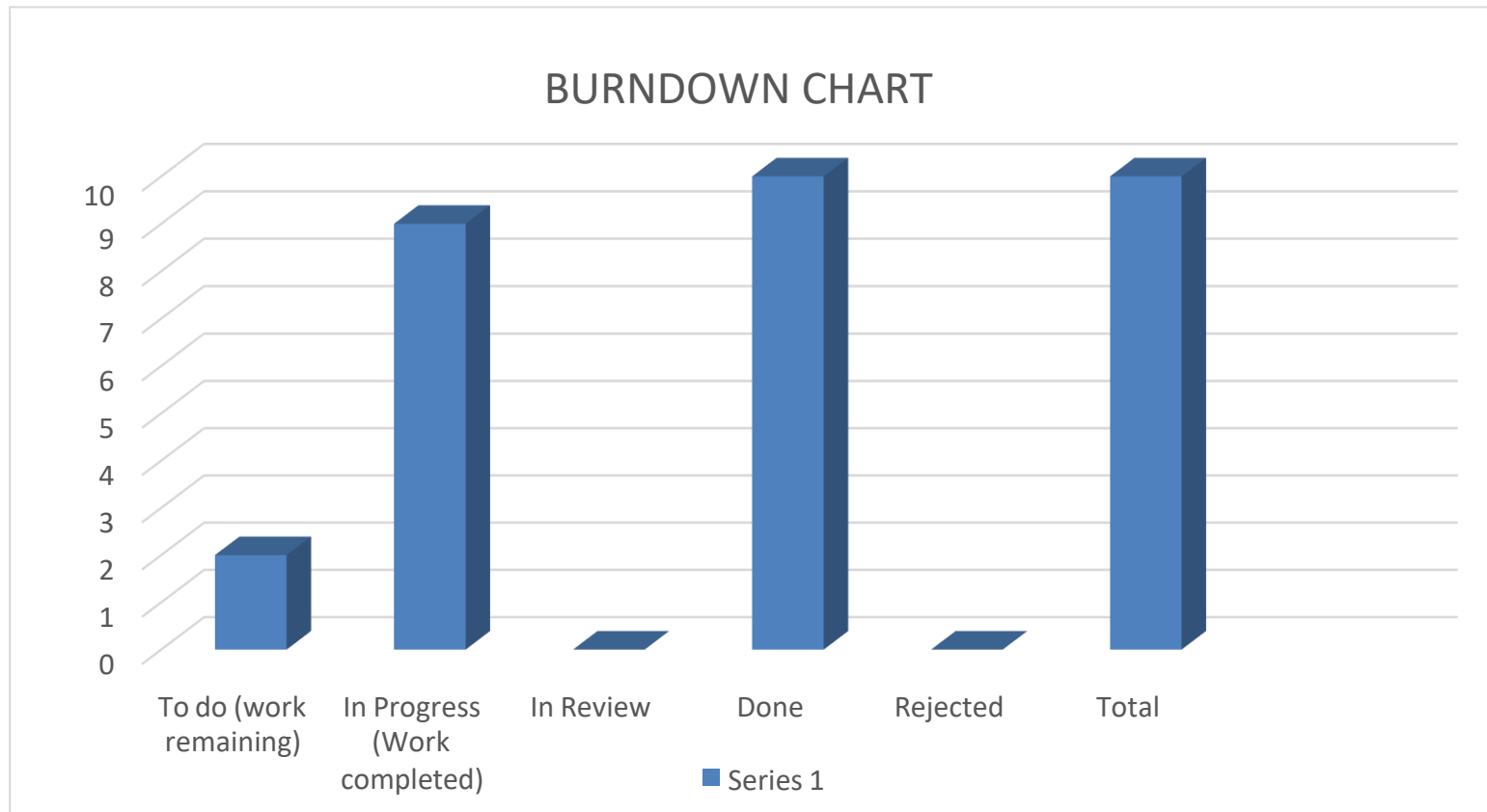
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	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)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = 20/6 = 3.34$$

## Burndown Chart:



Reference:

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

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

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

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