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

Date	24 October 2022
Team ID	PNT2022TMID09766
Project Name	Project - Real-Time Communication System Powered by AI for Specially Abled
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	Registration	Communi-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Saroj mondal, Shuvankar Sasmal
Sprint-1	Registration	Communi-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Vibhakar Mishra, Purpa Thelen sherpa
Sprint-2	Registration	Communi-3	As a user, I can register for the application through Phone number	2	Medium	Shuvankar Sasmal
Sprint-2	User Interface	Communi-4	Professional responsible for user requirements and needs	2	Medium	Purpa Thelen sherpa
Sprint-3	Login	Communi-5	As a user, I can log into the application by entering email & password	1	High	Saroj mondal ,Vibhakar Mishra
Sprint-3	Dashboard	Communi-6	As a user, I must receive any updates or pop ups in my dashboard	2	High	Purpa Thelen Sherpa, Saroj mondal
Sprint-4	Details	Communi-7	As a user, I should get notification about the progress and any updates via email or sms	1	Medium	Saroj mondal
Sprint-4	Privacy	Communi-8	The developed application should be secure for the users	2	High	Shuvankar Sasmal,

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	10	6 Days	25 Oct 2022	31 Oct 2022	10	31 Oct 2022
Sprint-2	10	6 Days	1 Nov 2022	06 Nov 2022	10	06 Nov 2022
Sprint-3	10	6 Days	07 Nov 2022	13 Nov 2022	10	14 Nov 2022
Sprint-4	10	6 Days	14 Nov 2022	19 Nov 2022	10	22 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)
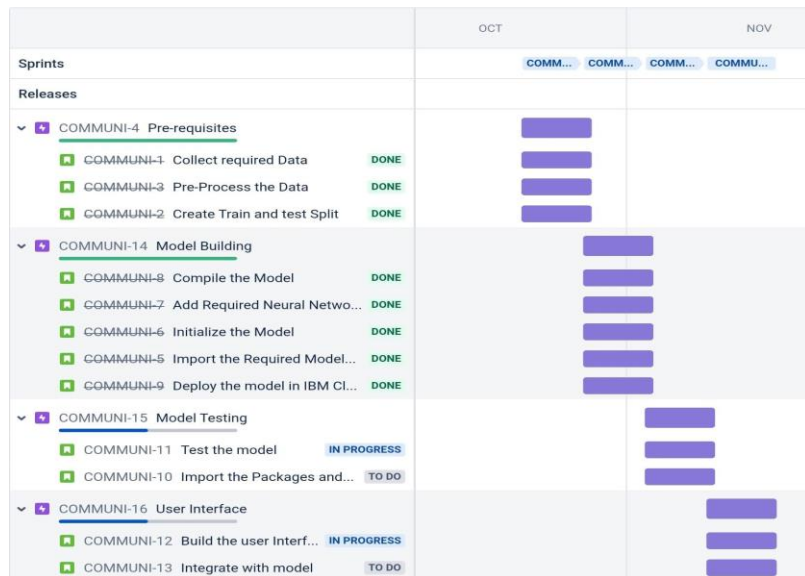
$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$
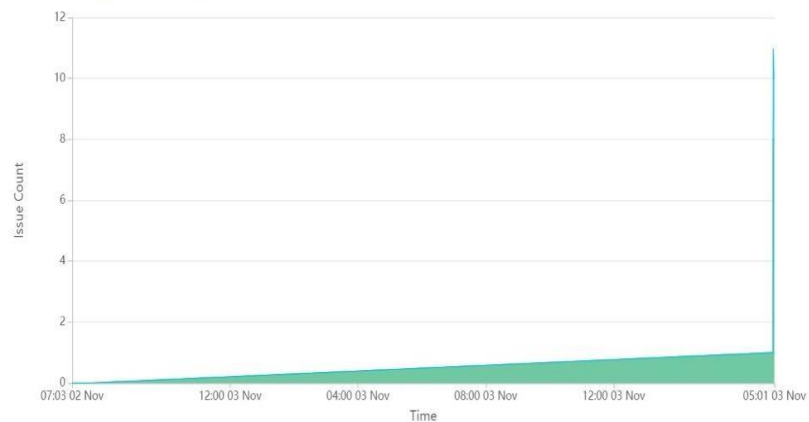
AV = 6/10 = 0.6

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.

Sprint Burnout Chart:

	OCT	NOV
Sprints	COMM... COMM...	COMM... COMMU...
Releases		

- ⌄ 🟪 COMMUNI-4 Pre-requisites
  - 🟩 ~~COMMUNI-1~~ Collect required Data — **DONE**
  - 🟩 ~~COMMUNI-3~~ Pre-Process the Data — **DONE**
  - 🟩 ~~COMMUNI-2~~ Create Train and test Split — **DONE**
- ⌄ 🟪 COMMUNI-14 Model Building
  - 🟩 ~~COMMUNI-8~~ Compile the Model — **DONE**
  - 🟩 ~~COMMUNI-7~~ Add Required Neural Netwo... — **DONE**
  - 🟩 ~~COMMUNI-6~~ Initialize the Model — **DONE**
  - 🟩 ~~COMMUNI-5~~ Import the Required Model... — **DONE**
  - 🟩 ~~COMMUNI-9~~ Deploy the model in IBM Cl... — **DONE**
- ⌄ 🟪 COMMUNI-15 Model Testing
  - 🟩 COMMUNI-11 Test the model — **IN PROGRESS**
  - 🟩 COMMUNI-10 Import the Packages and... — **TO DO**
- ⌄ 🟪 COMMUNI-16 User Interface
  - 🟩 COMMUNI-12 Build the user Interf... — **IN PROGRESS**
  - 🟩 COMMUNI-13 Integrate with model — **TO DO**

☑ To Do ☑ In Progress ☑ Done

Issue Count vs Time (35 scale)

☐ To Do ☑ In Progress ☑ Done

Issue Count vs Time (12 scale)

Sprint Schedule Chart: