

Project Planning Phase

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

Date	25 October 2022
Team ID	PNT2022TMID44944
Project Name	Project - Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation
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	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	4	High	4
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	4	High	4
Sprint-2		USN-3	As a user, I can register for the application through Jira website	4	Low	4
Sprint-1		USN-4	As a user, I can register for the application through Gmail	4	Medium	4
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	4	High	4
Sprint-2	Dashboard	USN-6	As a user, I want create a new epic in Jira Software	4	Medium	4
Sprint-1	Create a scrum project	USN-7	As a user, I want to create and log in to an account in Jira Software, you can select a template from the library. Select Scrum create a Kanban project	4	High	4
Sprint-3	Create user stories	USN-8	As a user, I want to created a project, so that I will land on the empty backlog.	5	Medium	4

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Create a sprint	USN-9	As a user, I want create a few user stories with the quick create option on the backlog.	4	Low	4
Sprint-4	Hold the sprint planning meeting	USN-10	As a user, I want created a few user stories, you can start prioritizing them in the backlog so that I prioritize your stories by dragging and dropping them in the order that they should be worked on.	5	High	4
Sprint-3	Start the sprint	USN-11	As a user, I want Create your first sprint in the backlog so you can start planning the sprint so that I estimation skills and predict the future velocity for the team as they work through the backlog.	5	Medium	4
Sprint-2	Hold the daily standup meetings	USN-12	As a user,I want hold the sprint planning meeting with the rest of your team so that I creates detailed tasks and estimates for the high-priority stories	4	High	4
Sprint-4	View the Burndown Chart	USN-13	As a user,I want create subtask icon so that I further break down the work of the story.	5	Low	4
Sprint-3		USN-14	As a user, I want start the sprint in Jira so that I Add a duration of the sprint and start and end dates.	5	Low	4
Sprint-2		USN-15	As a user, I want pick up items so that I to-do column and move them into in-progress and eventually, done!	4	High	4
Sprint-3		USN-16	As a user, I want experiencing any roadblocks towards the completion of sprint tasks so that I use timers to keep everyone on track.	5	Low	4
Sprint-4	View the sprint report	USN-17	As a user, I want check the Burndown Chart during a sprint so that I Reports from the sidebar, and then select the Burndown Chart from the reports dropdown.	5	Medium	4

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Complete the sprint in Jira	USN-18	As a user, I want after the sprint, I can view the Sprint Report to monitor the sprint.	5	High	4

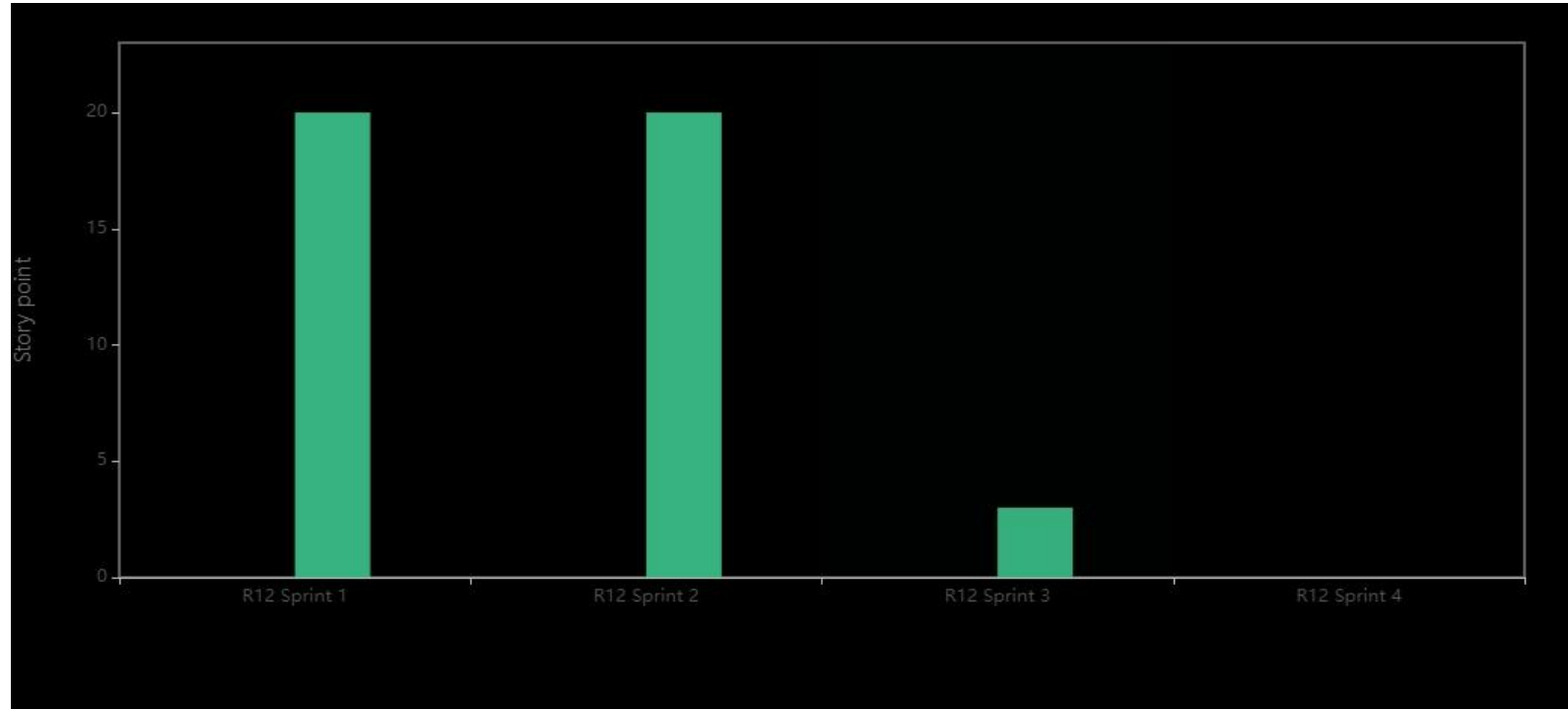
Project Tracker, Velocity & Burndown Chart: (4 Marks)

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	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	18 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)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$



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.

