Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID00042
Project Name	Classification of Arrhythmia using Deep Learning with 2-D ECG Image
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 an user I can register an account in the webiste	5	High	Ajay Kannan S Aldeesh P Rayan Ashwinkumar M V Kaarthik N
Sprint-1	Login	USN-2	As an user I can login into the website using credentials	10	High	Ajay Kannan S Aldeesh P Rayan Ashwinkumar M V Kaarthik N
Sprint-1	Arrhythmia Classification Page	USN-3	User uploads the data	5	Low	Ajay Kannan S Aldeesh P Rayan

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Ashwinkumar M V Kaarthik N
Sprint-2	Dashboard	USN-4	Dashboard displays information about Arrhythmia	10	Medium	Ajay Kannan S Aldeesh P Rayan Ashwinkumar M V Kaarthik N
Sprint-2	Classification	USN-5	As a customer when I input an ECG Image, the website will classify the type of Arrhythmia	10	High	Ajay Kannan S Aldeesh P Rayan Ashwinkumar M V Kaarthik N
Sprint-3	User activity	USN-6	As a customer, my past actions in this website is diplayed	20	Medium	Ajay Kannan S Aldeesh P Rayan Ashwinkumar M V Kaarthik N
Sprint-4	Final delivery	USN-7	Integrate the application to IBM Cloud using Cloud Foundary. Submit the report of the final application.	20	Low	Ajay Kannan S Aldeesh P Rayan Ashwinkumar M V Kaarthik N

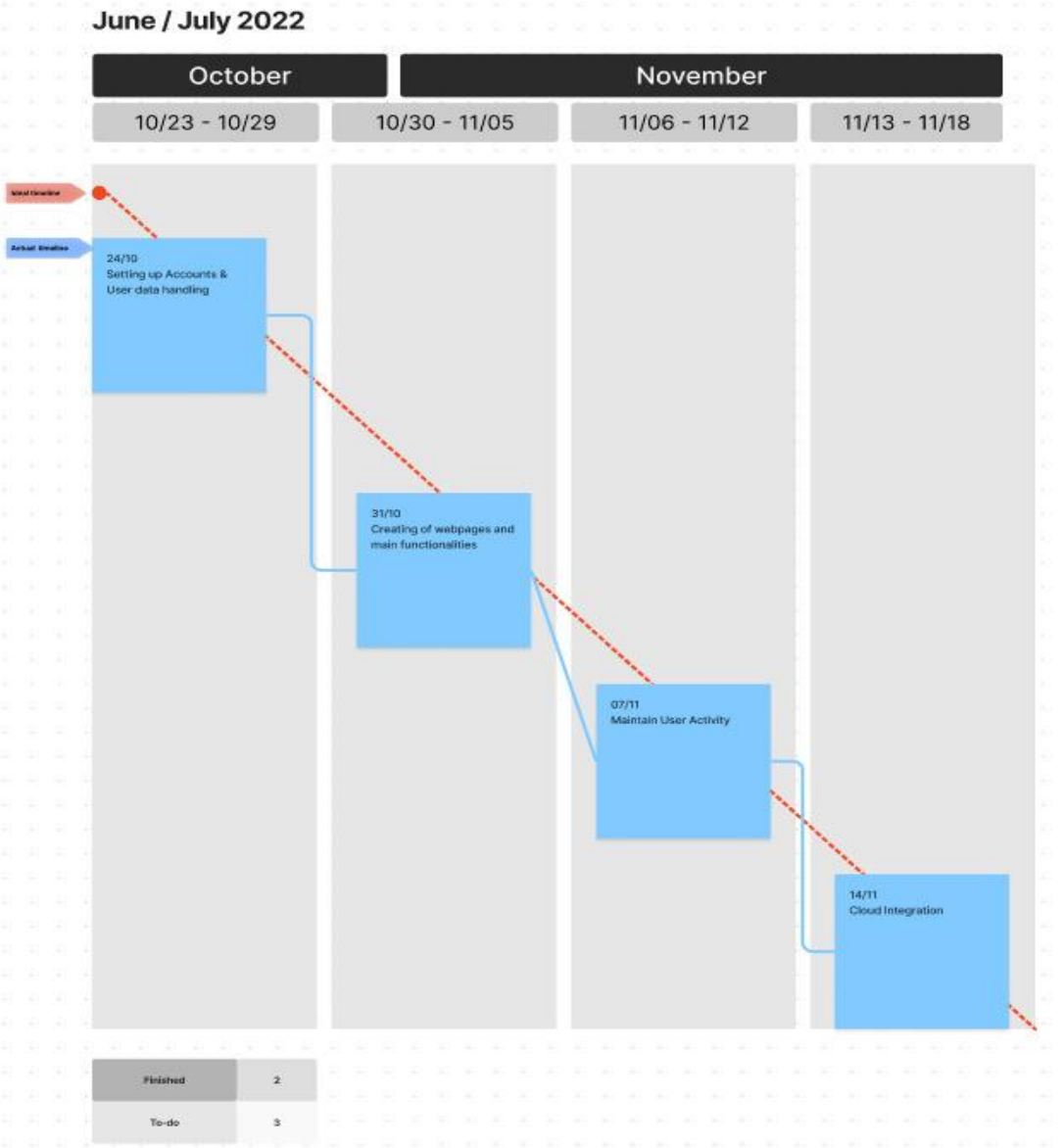
Project Tracker, Velocity & Burndown Chart: (4 Marks)

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	
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	

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)

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

Burndown Chart:


June / July 2022
October
November
10/23 - 10/29
10/30 - 11/05
11/06 - 11/12
11/13 - 11/18
24/10
Setting up Accounts &
User data handling
31/10
Creating of webpages and
main functionalities
07/11
Maintain User Activity
14/11
Cloud Integration
Finished
2
To-do
3