Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID23311
Project Name	Analytics for Hospitals Health Care Data
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-1a	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password as a admin	2	High	Gopalam Manisha Chowdary
Sprint-1a		USN-2	As a user, I will receive confirmation email once I have registered for the application as a staff	1	High	Gopalam Manisha Chowdary
Sprint-1b	Login	USN-3	As a user, I can log into the application by entering email & password	1	High	Janardhanee MR
Sprint-2	Data Pre-processing	USN-4	I can access and collect the data from the hospitals official website	2	High	Gopalam Manisha Chowdary Janardhanee MR Amrisha M Kalaimani G Sushma R
		USN-5	After collecting the data uploading the collected data into IBM Cognos Platform	2	Medium	Gopalam Manisha Chowdary Janardhanee MR Amrisha M Kalaimani G

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Sushma R
		USN-6	Making the uploaded data into tables and join the required data into single table	1	Low	Gopalam Manisha Chowdary Janardhanee MR Amrisha M Kalaimani G Sushma R
Sprint-3	Dashboard	USN-7	Build the visualisations based on the length of stay for each case of patients and Stay by patient ID using Column Chart	2	High	Kalaimani G Sushma R Janardhanee MR
		USN-8	Making data by the Severity of illness by patient-id using Tree Map and Age, Department wise patient using table	2	Medium	Kalaimani G Sushma R Janardhanee MR
		USN-9	Checking the room availability by pie chart and Dashboard creation, Department wise no.of admissions by the Waterfall chart for the uploaded data	1	High	Kalaimani G Sushma R Janardhanee MR
Sprint-4	Customer Support	USN-10	As a user, I want to contact with the customer support when there is any query with the application in the form of chat bot	2	High	Amrisha M
		USN-11	As a user, They can able to provide the feedback via Google form	1	Medium	Amrisha 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		05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		19 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)

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