Project Planning Phase

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

Date	20 October 2022
Team ID	PNT2022TMID47570
Project Name	Real -Time Communication System Powered By AI
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	Not Required	2	High	-
Sprint-1	Login	USN-2	Not Required	1	High	-
Sprint-1	Main page	USN-4	As a User, I can enter the web page once clicked, which provides be the Guidelines to use the app	1	Medium	R.ISHWARYA A.ANITHA M.A KAVIYAHSHRI
Sprint-1	Guidelines	USN-5	As a User I can give a read through the guidelines to understand the functioning of the app.	1	Medium	R.ISHWARYA A.ANITHA M.A KAVIYAHSHRI T.THASLIN HASSENA

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	
Sprint-2	Convert Sign	USN-6	As a User, I can click the button Convert sign , which directs me towards the Main screen	4	Medium	R.ISHWARYA A. ANITHA M.A KAVIYAHSHRI T.THASLIN HASSENA
Sprint-2	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	R.ISHWARYA T.THASLIN HASSENA
Sprint-2	Camera(Hand movement detection)	USN-7	As a User, I can show my hand sign towards the camera which converts them into text manner.	8	High	R.ISHWARYA A. ANITHA M.A KAVIYAHSHRI T.THASLIN HASSENA
Sprint-3	Voice mode	USN-8	Once the text is obtained, As a User I can click on the voice mode which provides the text in the form of speech.	3	High	R.ISHWARYA A. ANITHA M.A KAVIYAHSHRI T.THASLIN HASSENA
Sprint-1	Provide the necessary functionalities required to use the app.	USN-7	As an Executive, I can provide the Specifications of Camera required, and other factors that are required for smooth functioning of the app.	1	Low	R.ISHWARYA A. ANITHA M.A KAVIYAHSHRI T.THASLIN HASSENA

Sprint-4	Check the performance of the app	USN -5	As an Executive, I can check the usage and queries obtained from the end users.	1	Medium	R.ISHWARYA T.THASLIN HASSENA
Sprint-4	Receive queries based on the usage	USN -6	As an Admin, I can take the queries from the customer care and perform the testing phase again , loading the other signs in the dataset, in order to make the customers to use the app effectively.	2	High	A. ANITHA M.A KAVIYAHSHRI T.THASLIN HASSENA

Project Tracker, Velocity & Burn down 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	6	6 Days	24 Oct 2022	29 Oct 2022		29 Oct2022
Sprint-2	12	12 Days	31 Nov 2022	11 Nov 2022		11 Nov 2022
Sprint-3	3	3 Days	13 Nov 2022	15 Nov 2022		15 Nov 2022
Sprint-4	4	4 Days	17 Nov 2022	20 Nov 2022		20 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)

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

Burn down 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.