ProjectPlanning Phase

Project Planning Template(Product Backlog, Sprint Planning, Stories, Storypoints)

Date	18October 2022
Team ID	PNT2022TMID40089
Project Name	Project: Real–Time Communication System Powered by AI for Specially – Abled
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation(4Marks):

Sprint	Functional Requirement (Epic)	Use Story Number	User Story/Task	Story Points	Priority	Team Members
Sprint– 1	Registration	USN– 1	As a user, I can register for the application byenteringmyemail,password,and confirmingmy password.	3	High	DIVYA
Sprint– 1	Authentication	USN– 2	Asauser,I willreceiveOTPtoconfirmdetails.	2	High	ARAVIND
Sprint– 1	Registration	USN– 3	Asauser,Iwillreceiveconfirmationemailonce Ihaveregisteredfortheapplication.	1	Low	GOWTHAM
Sprint– 1	Login	USN– 4	Asauser,Icanlogintotheapplicationbyenteringemail & password.	2	High	DIVYA
Sprint– 2	Dashboard	USN– 5	Asauser,Imusthaveoneplacetoexploreallavailable features.	3	High	ARAVIND
Sprint– 2	Login	USN– 6	As a user, If I forget my password, I mustgetanauto-generatedpasswordtoresetmypassword.	2	Medium	GOWTHAM
Sprint– 3	Help	USN– 7	Asauser,ImustbeabletoreachouttotheSupportTeamtogetmy issuesresolved.	1	Low	ARAVIND

Sprint– 3	Management	USN– 8	Asauser,Icanaccessthesiteusingmobile/desktop.	3	High	PREM KUMAR
Sprint– 4	System	USN– 9	Asauser,Imusthaveaccesstoprevioususagehistory.	2	Medium	DIVYA
Sprint– 4	System	USN– 10	Asauser,Icanhaveaudiooutputaswellastextoutput.	3	High	GOWTHAM

ProjectTracker,Velocity&BurndownChart(4Marks):

Sprint	TotalStoryPoints	Duration	SprintStartDate	Sprint End Date(Planned)	Story PointsCompleted (as onPlannedEndDate)	SprintReleaseDate(Actual)
Sprint– 1	8	6Days	24October,2022	29October,2022	0	01November,2022
Sprint– 2	5	6Days	31October,2022	05November,2022		
Sprint– 3	4	6Days	07November,2022	12November,2022		
Sprint– 4	5	6Days	14November,2022	19November,2022		

Velocity:

$$\text{AverageVelocity} = \frac{\text{Velocity}}{\text{SprintDuration}}$$

- AverageVelocity→AV
- Velocity→Pointspersprint
- SprintDuration →Number ofdays persprint

1.Sprint– 1: AV = $\frac{8}{6}$ =1.34

2. Sprint– 2: AV = $\frac{5}{6}$ =0.834

3. Sprint– 3: AV = $\frac{4}{6}$ =0.67

4. Sprint– 4: AV = $\frac{5}{6}$ =0.834