

## **ProjectPlanningPhase**

### **ProjectPlanningTemplate(ProductBacklog,SprintPlanning,Stories,Storypoints)**

Date	03 November 2022
TeamID	PNT2022TMID29489
ProjectName	Real time communication system Powered by AI for physically disabled.
MaximumMarks	8Marks

### **ProductBacklog,SprintSchedule,andEstimation(4Marks)**

Use the below template to create product backlog and sprint schedule

<b>Sprint</b>	<b>Functional Requirement(Epic)</b>	<b>User Story Number</b>	<b>User Story/Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint -1	Download the application	USN-1	As a user, download and open the application or website.	2	High	P.Jeevitha K. Muthu Lakshmi M.Shuba Keerthi M.sathya
Sprint -1		USN-2	The application will open, the camera is turned on for recording the sign languages	1	High	P.Jeevitha K. Muthu  Lakshmi M.Shuba Keerthi M.sathya
Sprint -2		USN-3	The recorded language is taken as input	2	Low	P.Jeevitha K. Muthu  Lakshmi M.Shuba Keerthi M.sathya
Sprint -1	Conversion process	USN-4	With the help of CNN in AI the sign language is converted into texts	2	Medium	P.Jeevitha K. Muthu Lakshmi M.Shuba Keerthi M.sathya



<i>Sprint -1</i>	<i>Voicehearing</i>	<i>USN-5</i>	<i>The texts are then convert ed into audio for understanding</i>	<i>1</i>	<i>High</i>	<i>P.JeevithaK. Muthu  Lakshmi M.Shuba</i>
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			of normal people.			KeerthiM.sathya

**ProjectTracker, Velocity&BurndownChart:(4Marks)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>SprintStart Date</b>	<b>SprintEnd Date(Planned)</b>	<b>Story PointsCompleted(as on Planned EndDate)</b>	<b>SprintRelease Date(Actual)</b>
Sprint-1	20	6Days	24Oct 2022	29Oct2022	20	29Oct2022
Sprint-2	20	6Days	31Oct 2022	05Nov2022		
Sprint-3	20	6Days	07Nov 2022	12Nov2022		
Sprint-4	20	6Days	14Nov 2022	19Nov2022		

**Velocity:**

Imagine we have a 10-

days 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)

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