

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

Date	08 NOVEMBER 2022
Team ID	PNT2022TMID40214
Project Name	Real-Time Communication System Powered by AI For Specially Abled
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	Data Collection	USN-1	As a user, I can collect the dataset from various resources with different data	10	Low	Jayapriya.A Anu.B Pavithra.V
Sprint-1	Image Preprocessing	USN-2	As a user, I can import ImageDataGenerator Library and configure it, Apply ImageDataGenerator Functionality to Train and Test Dataset	10	Medium	Anu.B Pavithra.V
b	Model Building	USN-3	As a user, I will get an application with ML model which provides accurate communication and sharing data with sensor.	5	High	Pavithra.V Jayapriya.A Logeshwari.S Anu.B
Sprint-2	Add CNN layers	USN-4	Creating the model and adding the input, hidden, and output layers to it.	5	High	Anu.B Logeshwari.S Jayapriya.A Pavithra.V

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Compiling the model	USN-5	With both the training data defined and model defined, it's time to configure the learning process.	2	Medium	Jayapriya.A Anu.B
Sprint-2	Fit and Save the model	USN-6	As a user, the model is saved & integrated with an android application or web application in order to predict something	6	Medium	Logeshwari.S Pavithra.V
Sprint-2	Test the Model	USN-7	As a user, let us test our model with our image dataset.	2	Low	Pavithra.V
Sprint-3	Building UI Application	USN-8	As a user, I will use technical button to operate the microphone for recognize.	10	High	Logeshwari.S Jayapriya.A
Sprint-3		USN-9	As a user, I can know the details of the fundamental usage of the application.	5	Low	Logeshwari.S
Sprint-3		USN-10	As a user, I can see the prediction with help of technical in the application.	5	Medium	Anu.B Pavithra..V
Sprint-4	Train the model on IBM	USN-11	As a user, I train the model on IBM and integrate flask/Django with scoring end point.	10	High	Anu.B Pavithra.V Jayapriya.A Logeshwari.S
Sprint-4	Cloud Deployment	USN-12	As a user, I can access the web application and make the use of the product from anywhere.	10	High	Logeshwari.S Jayapriya.A Pavithra.V Anu.B