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

Date	18 October 2022
Team ID	PNT2022TMID44126
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	Nagalapuram Chakaravarthi Vanitha S
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	Vanitha S Vijay C
Sprint-2	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	Hariharan M Nagalapuram Chakakravathi Vanitha S Vijay C
Sprint-2	Add CNN layers	USN-4	Creating the model and adding the input, hidden, and output layers to it.	5	High	Hariharan M Nagalapuram Chakakravathi Vanitha S Vijay C

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	Hariharan M Vanitha S
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	Nagalapuram Chakaravarthi Vijay C
Sprint-2	Test the Model	USN-7	As a user, let us test our model with our image dataset.	2	Low	Hariharan M
Sprint-3	Building UI Application	USN-8	As a user, I will use technical button to operate the microphone for recognize.	10	High	Hariharan M Vijay C
Sprint-3		USN-9	As a user, I can know the details of the fundamental usage of the application.	5	Low	Vanitha S
Sprint-3		USN-10	As a user, I can see the prediction with help of technical in the application.	5	Medium	Nagalapuram Chakaravarthi
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	Hariharan M Nagalapuram Chakakravathi Vanitha S Vijay C
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	Hariharan M Nagalapuram Chakakravathi Vijay C