

## ProjectPlanningPhase

<b>Date</b>	29.10.2022
<b>TeamID</b>	PNT2022TMID31200
<b>ProjectName</b>	Real Time Communication System Powered by AI for Specially Abled.

### ProjectBacklog,SprintSchedule,andEstimation:

sprint	Functional Requirement(Epic)	User story/Number	Userstory/Task	Story point	priority	Team Members
Sprint-1	Dataset	USN-1	It is fairly possible to get the dataset we need on the internet but in this project, we will be creating the dataset on our own.	2	High	Gayathri.R
Sprint-1	CNN on the captured	USN-2	The data using ImageDataGenerator of keras through which we can use the flow from directory function to load the train and test set data, and each of the names of the number folders will be the class names for the imgs loaded.	2	High	Gayathri.R
Sprint-1	Gesture	USN-3	Abounding box for detecting the ROI and calculate the accumulated_avg as we did in creating the dataset. This is done for identifying any foreground object.	1	Low	Padmavathy.D
Sprint-2	Predicting the data	USN-4	The load the previously saved model using keras.models.load_model and feed the threshold image of the ROI consisting of the hand as an input to the model for prediction.	2	High	Padmavathy.D



Sprin-3	Machine learning	USN-5	s This is an interesting machine learning python project to gain expertise. This can be further extended for detecting the English alphabets.	2	High	Srimani.K
Sprin-4	Dashbord	USN-6	The explored and gesture or gif are displayed in dashboard	2	High	Varshini.H

