

## Project Planning Phase

### Project Planning Template (Milestone Activity)

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|--------------|--|
| Team ID      | PNT2022TMID47524   |
| Project Name | Real-Time Communication System Powered by AI for Specially Abled |

#### Milestone Activity Plan

| Milestone   | Functional Requirement (Epic) | Milestone Story Number | Milestone Story / Task  |
|-------------|-------------------------------|------------------------|---|
| Milestone 1 | Data Collection               | M1                     | We're collecting dataset for building our project and creating two folders, one for training and another one for testing.   |
| Milestone 2 | Image Preprocessing           | M2                     | Importing image data generator libraries and applying image data generator functionality to train the test set.   |
| Milestone 3 | Building Model                | M3                     | Importing the model building libraries, Initializing the model, Adding Convolution layers, Adding the Pooling layers, Adding the Flatten layers, Adding Dense layers, Compiling the model Fit and Save the model. |
| Milestone 4 | Testing Model                 | M4                     | Import the packages first. Then we save the model and Load the test image, preprocess it and predict it.  |
| Milestone 5 | Application Layer             | M5                     | Build the flask application and the HTML pages.   |
| Milestone 6 | Train Conversation Engine     | M6                     | Register for IBM Cloud and train Image Classification Model   |
| Milestone 7 | Final Result                  | M7                     | To ensure all the activities and resulting the final output.  |

**Real-Time Communication System Powered by AI for Specially Abled - PNT2022TMID47524**

**Team Leader: U.SRIVENTHAN**

Team Members: P.GOKULAKRISHNAN,  
T.KAAMESHKARTHICK ,G.VAIRAMANI

## MILESTONE ACTIVITY PLAN

