Project Planning Phase

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| **Date** | 26.10.2022 |
| **TeamID** | PNT2022TMID39730 |
| **ProjectName** | Real Time Communication System Powered  by AI for Specially Abled |

Project Backlog, Sprint Schedule and Estimation :

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| **Sprint** | **Functional Requiremen (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 on our own. | 2 | High | Premkumar S |
| 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 data. | 2 | Medium | Babusankar S |
| Sprint 2 | Predicting the Data | USN-3 | 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 prediction. | 2 | High | Niyazkhan Z |

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| Sprint 3 | Machine Learning | USN-4 | This is an interesting machine learning python project to gain expertise.This can be further extended for detecting the  English alphabets. | 2 | High | Balaganesh V |
| Sprint 4 | Dashboard | USN-5 | The explored and gesture or gif are displayed in dashboard. | 2 | Medium | Premkumar S  Babusankar S  Niyazkhan Z  Balaganesh V |