

Project Planning Phase Project Mile Stones & Activity List

Date	18 October 2022
Team ID	PNT2022TMID26243
Project Name	Real-Time Communication System Powered By AI For Specially Abled
Marks	4 marks

Start Date: 22 August 2022

MileStone ID	Milestones	Activities	Submission Date (EOD)
RTCSPSA-MS1	Preparation Phase	<ol style="list-style-type: none"> 1. Prerequisites 2. Registrations 3. Environment Set-up 	22 - 27 Aug 2022
RTCSPSA-MS2	Ideation Phase	<ol style="list-style-type: none"> 1. Literature Survey 2. Empathize 3. Defining Problem Statement 4. Ideation 	17 September, 2022
RTCSPSA-MS3	Project Design Phase – I	<ol style="list-style-type: none"> 1. Proposed Solution 2. Problem Solution Fit 3. Solution Architecture 	01 October, 2022
RTCSPSA-MS4	Project Design Phase – II	<ol style="list-style-type: none"> 1. Requirement Analysis 2. Customer Journey 3. Data Flow Diagrams 4. Technology Architecture 	15 October, 2022
RTCSPSA-MS5	Project Planning Phase	<ol style="list-style-type: none"> 1. Milestones & Tasks, 2. Sprint Schedules 	22 October, 2022

MileStone ID	Milestones	Activities	Submission Date (EOD)
RTCSPSA-MS6	Project Development Phase	<ol style="list-style-type: none"> 1. Coding & Solutioning 2. Acceptance Testing 3. Performance Testing 	18 November, 2022
RTCSPSA-MS6.1	Sprint 1- User Registration Process	<ol style="list-style-type: none"> 1. User Registration 2. User Confirmation 3. User Login 	24 - 29 Oct 2022
	Sprint1 – Application Building	<ol style="list-style-type: none"> 4. Building a Flask UI interfaced to model 5. Build the HTML page 	
RTCSPSA-MS6.2	Sprint 2 - Dashboard	<ol style="list-style-type: none"> 1. Dashboard User Interface 2. User Input 	31 Oct - 5 Nov 2022
RTCSPSA-MS6.3	Sprint3- Data Collection	<ol style="list-style-type: none"> 1. Collect data for building the project. 2. Create Train and Test Folders 	7 - 12 Nov 2022
	Sprint3 – Image Pre-processing	<ol style="list-style-type: none"> 3. pre-process the images for building the model. 	
	Sprint3 – Model Building	<ol style="list-style-type: none"> 4. Import libraries 5. Initialize the model 6. Add the convolution layer 7. Add the pooling layer 8. Add the flatten layer 9. Adding the dense layers 10. Compile the model 11. Fit and save the model. 	
RTCSPSA-MS6.4	Sprint4 – Test the model	<ol style="list-style-type: none"> 1. Pass an image to get predictions. 2. Import the packages and load the saved model. 3. Load the test image, pre-process it and predict. 	14 - 19 Nov 2022
	Sprint4 – Train CNN Model on IBM	<ol style="list-style-type: none"> 4. Register for IBM Cloud. 5. Train your model on IBM Cloud. 6. Store your Model on IBM Cloud. 7. Download the Stored model to the Local system. 	