

PROJECT PLANNING PHASE

PROJECT PLANNING (MILESTONES AND ACTIVITY LIST)

DATE	30.10.2022
TEAM ID	PNT2022TMID33883
PROJECT NAME	REAL TIME COMMUNICATION SYSTEM FOR SPECIALLY ABLED POWERED BY AI

Remaining Tasks (Milestones and Activities) to be completed:

MILESTONES	ACTIVITIES
Data collection	Collecting data for building our project and creating two folders for training and testing. Image present in the training folder is used for building the model and testing folder images are used for validating the model.
Image preprocessing	Importing the Image Data Generator libraries, Applying Image Data Generator Functionality to train set and test set.
Model building	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.
Test the model	Import the packages and save the model and Load the test image, pre-process it and predict it.
Application building	Build the flask application and the HTML pages.
Train CNN model	Register for IBM Cloud and train Image Classification Model.

Finished Tasks (Milestones & Activities)

Milestones	Activities	Description
Ideation phase	literature	Literature survey on the selected project & information gathering
	Empathy Map	Prepare empathy map to capture the user pains & gains, prepare list of problem statement
	Ideation	Organizing the brainstorming session and priorities the top 3 ideas based on feasibility & importance
Project design phase I	Proposed solution	Prepare proposed solution document which includes novelty, feasibility of ideas, business model, social impact, scalability of solution
	Problem solution fit	Prepare solution fit document
	Solution Architecture	Prepare solution architecture document
Project Design Phase II	Customer journey	Prepare customer journey map to understand the user interaction & experience with the application
	Functional requirements	Prepare functional & non functional requirement document
	Data flow diagram	Prepare Data flow Diagram
	Technology Architecture	Draw the technology architecture diagram
Project planning phase	Milestones & Activity list	Prepare milestones and activity list of the project
	Sprint delivery plan	Prepare sprint delivery plan

