

Project Planning Phase

Milestone and Activity List

Team ID	PNT2022TMID48602
Project Name	A Novel Method for Handwritten Digit Recognition System

TITLE	DESCRIPTION	DATE
Prepare Empathy Map	Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements	28 th SEPTEMBER 2022
Literature Survey & Information Gathering	Literature survey on the selected project & gathering information by referring the, technical papers , research publications etc.	28 th SEPTEMBER 2022
Ideation	List the by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility& importance.	28 th SEPTEMBER 2022
Proposed Solution	Creation of proposed solution document, which includes the novelty,feasibility of idea, business model, social impact, scalability of solution,etc.	20 th OCTOBER 2022
Problem Solution Fit	Creation of problem solution fit document.	20 th OCTOBER 2022
Solution Architecture	Creation of solution architecture document.	20 th OCTOBER 2022
Customer Journey	Prepare the customer journey maps to understand the user interactions & experiences with the application.	31 st OCTOBER 2022
Data Flow Diagrams	Draw the data flow diagrams and submit for review.	31 st OCTOBER 2022
Technology Architecture	Prepare the technology architecture diagram.	31 st OCTOBER 2022
Requirement Analysis	Prepare the requirement analysis forth solution	31 st OCTOBER 2022

Application Building	Create an HTML file. Run the application. Built python code (part-1) Built python code (part-2)	16 th NOVEMBER 2022
Model Building	Add CNN Layers Compiling the model Model building Observing the matrix Observing the model Save the model Test the model Train the model	16 th NOVEMBER 2022
Train the model on IBM	Register for IBM cloud Train the model on IBM	16 th NOVEMBER 2022
Understanding the data	Analyse the data Analyse the one hot encoding Importing the required libraries Loading the data Reshaping the data Understanding the data	16 th NOVEMBER 2022
Prerequisites IBM	Anaconda navigator and all other requirements are downloaded by the team mates and software requirements are satisfied.	16 th NOVEMBER 2022
Prior knowledge	One should have the knowledge on machine learning and other related concepts	16 th NOVEMBER 2022
Project Objectives	Main object of the program is to develop the tools that can help people to recognize the hand written notes	16 th NOVEMBER 2022