

## PROJECT PLANNING PHASE

### PROJECT PLANNING TEMPLATE(MILESTONE & ACTIVITY LIST)

Date	22 October 2022
Team ID	PNT2022TMID32680
Project Name	University Admit Eligibility Predictor
Maximum Marks	8 Marks

MILESTONES	ACTIVITIES	DESCRIPTION
Pre-requisites	Install Anaconda	<p>To complete this project we need the following:</p> <ul style="list-style-type: none"><li>• Jupyter Notebook for programming, which can be installed by Anaconda IDE.</li><li>• Python packages</li></ul>
	Install Python Packages	
	Prior Knowledge	
	Project Flow	
	Project Objectives	
	Project Structure	

Data Collection	Download The Dataset	ML depends heavily on data, without data, it is impossible for an “AI” to learn. It is the most crucial aspect that makes algorithm training possible. In Machine Learning projects, we need a training data set. It is the actual data set used to train the model for performing various actions.
Data Collection	Importing The Libraries	<p>Data pre-processing is a process of cleaning the raw data i.e. the data is collected in the real world and is converted to a clean data set. In other words, whenever the data is gathered from different sources it is collected in a raw format and this data isn’t feasible for the analysis. Therefore, certain steps are executed to convert the data into a small clean data set, this part of the process is called as data preprocessing</p>
	Reading The Dataset	
	Analyze The Data	
	Handling Missing Values	
	Data Visualization	
	Splitting Dependent And Independent Columns	

	Splitting The Data Into Train And Test	
Model Building	Training And Testing The Model	<p>There are several Machine learning algorithms to be used depending on the data you are going to process such as images, sound, text, and numerical values. The algorithms that you can choose according to the objective that you might have it may be Classification algorithms are Regression algorithms.</p>
	Model Evaluation	
	Save The Model	
Application Building	Build HTML Code	<p>In this section, we will be building a web application that is integrated to the model we built. A UI is provided for the uses where he has to enter the values for predictions. The enter values are given to the saved model and prediction is showcased on the UI.</p>
Train The Model On IBM	Register For IBM Cloud	
	Train Machine	

	Learning Model On IBM Watson	In this milestone, we will learn how to build a Deep Learning Model Using the IBM cloud.
	Integrate Flask With Scoring Endpoint	
Ideation Phase	Literature Survey	In this milestone you are expected to get started with the Ideation process.
	Empathy Map	
	Ideation	
Project Design Phase - 1	Proposed Solution	From this milestone you will be starting the project design phase. You are expected to cover the activities given.
	Problem Solution Fit	
	Solution Architecture	
Project Design Phase - 2	Customer Journey Map	From this milestone you will be continue working on the project design phase. You are expected to cover the activities given.
	Requirement Analysis	

	Data Flow Diagrams	
	Technology Architecture	
Project Planning Phase	Milestones & Tasks	In this milestone you are expected to prepare milestones & tasks, sprint schedules.
	Sprint Schedules	
Project Development Phase	Sprint - 1	In this milestone you will start the project development and expected to perform the coding & solutioning, acceptance testing, performance testing based as per the sprint and submit them

Sprint – 2
Sprint – 3
Sprint – 4