

Project Planning Phase
Project Planning Template (Milestone Activity)

Date	27 October 2022
Team ID	PNT2022TMID08066
Project Name	Web Phishing Detection
Maximum Marks	8 Marks

Milestone Activity Plan

Milestone	Functional Requirement (Epic)	Milestone Story Number	User Story / Task
Milestone-1	Pre-Requisites	M1	We will be downloading the following anaconda software to complete this project and also will be learning some concepts.
Milestone-2	Prior Knowledge	M2	We will be learning the supervised learning,unsupervised learning, flask, metrices
Milestone-3	Project objectives	M3	We will get the knowledge about the machine learning algorithms, python with machine learning, clean the data.Real time analysis of project, building user interface
Milestone-4	Project flow	M4	In this installing required libraries, data collection, data preprocessing, model building, application building, final UI
Milestone-5	Project structure	M5	We will be building a flask application that needs HTML pages and this model is built in notebook floods
Milestone-6	Data collection	M6	Downloading the given dataset for the project.

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Milestone-7	Visualizing and analyzing the data	M7	Importing the important libraries for the project, reading the dataset, univariate, bivariate, multivariate, descriptive analyzing of the given data.
Milestone-8	Data preprocessing	M8	Finding the shape of the dataset and converting the categorical data to integer encoding or binary encoding and balancing dataset,scaling dataset.
Milestone-9	Model building	M9	Model building with the use of classification algorithms.(decision tree,random forest,svm).
Milestone-10	Testing the model	M10	We need to test our trained model and make prediction and need to save the the model
Milestone-11	Application layer	M11	Build the flask application and the HTML pages.
Milestone-12	Train Classification model	M12	Register for IBM Cloud and train Classification Model.
Milestone-13	Final result	M13	To ensure all the activities and resulting the final output.