Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)
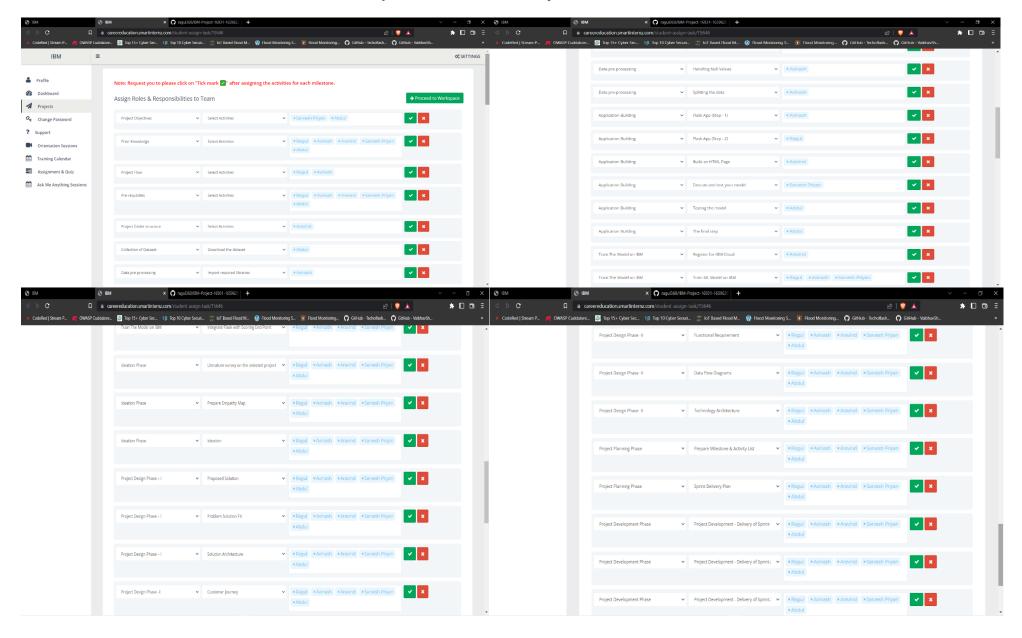
Date	03 October 2022
Team ID	PNT2022TMID03812
Project Name	Web Phishing Detection
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User input	USN-1	User inputs an URL in the required field to check its validation.	1	Medium	Abdul Hameed S
Sprint-1	Website Comparison	USN-2	Model compares the websites	1	High	Aravind S
Sprint-2	Feature Extraction	USN-3	After comparison, if none found on comparison then it extract feature using heuristic and visual similarity.	2	High	Avinash M
Sprint-2	Prediction	USN-4	Model predicts the URL using Machine learning algorithms such as logistic Regression, Random Forest, KNN etc	1	Medium	Sarevsh Priyan S
Sprint-3	Classifier	USN-5	Model sends all the output to the classifier and produces the final result.	1	Medium	Avinash M
Sprint-4	Announcement	USN-6	Model then displays whether the website is legal site or a phishing site.	1	High	Ragul V B
Sprint-4	Events	USN-7	This model needs the capability of retrieving and displaying accurate result for a website.	1	High	Abdul hameed S

Prepare Milestone & Activity List

Name	Milestone Number	Description	Mandatory	Optional
Project Objectives	M-001	To create an model which will predict the URL entered is phishing website or not	Yes	-
Project Flow	M-002	A project management process flowchart is a graphical aid, designed to visualize the sequence of steps to be followed throughout the project management process	Yes	
Pre-Requisites	M-003	To complete this project we should have known following project such as numpy, pandas, Python, Anaconda, Machine learning, Flask,IBM cloud etc…	Yes	
Prior Knowledge	M-004	One should have knowledge on the Supervised Learning, Regression Classification and Clustering, Flask	Yes	
Data collection	M-005	Collect the dataset with the link provided	Yes	
Data Preprocessing	M-006	Clean the dataset and importing required libraries, splitting train & test data which are useful to build the model	Yes	
Model Building	M-007	Importing the model building libraries, Initializing the model, Linear Regression, Classification algorithms, Configuring the learning Process ,Train the model, Save the model, Predictions.	Yes	
Application Building	M-008	Integrating the built model with flask, creating the website and testing it. .	Yes	
Train the model	M-009	Register for IBM Cloud and train the model. Also checking its end scoring point	Yes	
Ideation Phase	M-010	Prepare Literature Survey on the selected Project and Information Gathering, empathy map and ideation	Yes	
Project Design Phase-I	M-011	Prepare Proposed solution, problem-solution fit and Solution Architecture	Yes	
Project Design Phase-II	M-012	Prepare Customer journey, functional requirements, Data flow diagram and Technology Architecture	Yes	
Project Planning Phase	M-013	Prepare Milestone list, Activity list and Sprint Delivery Plan	Yes	
Project Development Phase	M-014	Project Development delivery of Sprint 1, Sprint 2, Sprint 3, Sprint 4	Yes	