

Project Initialization and Planning Phase

Date	10 june2024
Team ID	739879
Project Name	Detection of phishing websites from URLs
Maximum Marks	3 Marks

Define Problem Statements:

Phishing websites have become a significant threat to online security, compromising sensitive information and financial data of millions of users worldwide. The rapid growth of phishing attacks has made it challenging for users to distinguish legitimate websites from fraudulent ones. Current detection methods, such as blacklist and rule-based approaches, are not effective in keeping pace with the evolving tactics of phishers.

Problem Statement (PS)	I am	I'm trying to	But	Because	Which makes me feel
PS-1	Hopeful that my model will accurately detect phishing websites from URLs	Develop a robust machine learning model to detect phishing websites from URLs	I'm facing challenges in handling the imbalanced dataset and extracting relevant features from URLs	Phishing websites are increasingly sophisticated and difficult to distinguish from legitimate ones.	Concerned about the potential risks and consequences of phishing attacks, and motivated to improve my model's performance