

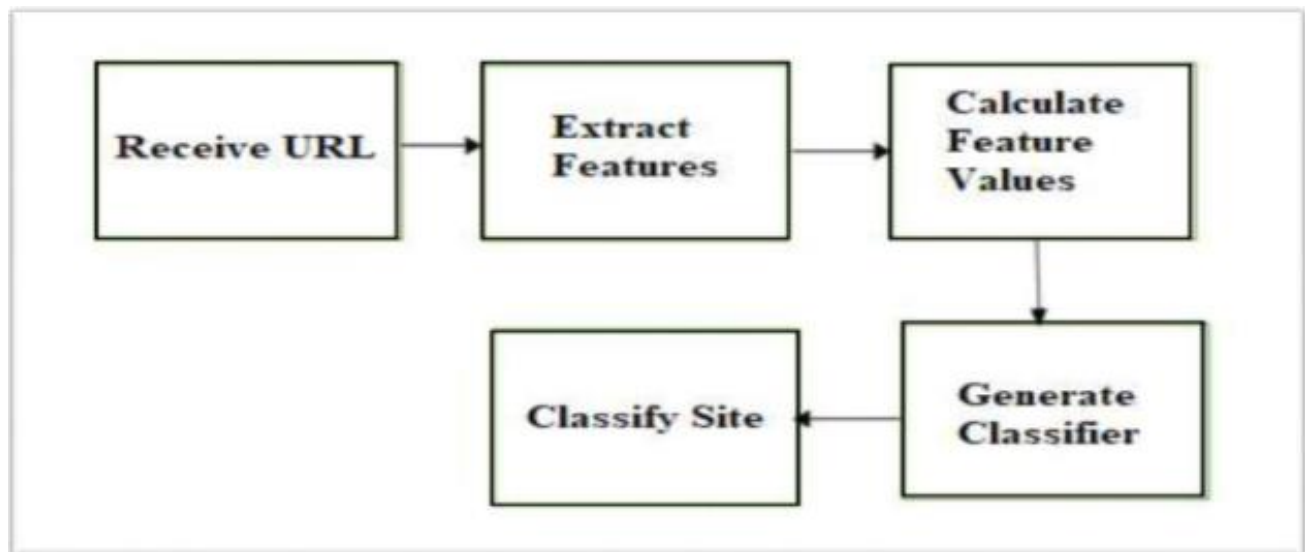
WEB PHISHING DETECTION

PROJECT DEVELOPMENT PHASE

SPRINT – 2

PROJECT FLOW

Project workflow:



Our project's workflow entails receiving the user's input for the URL, extracting its features, calculating their values, and then feeding that information to the machine learning algorithm, which then creates a classifier. The final output is displayed on the web application screen, indicating whether the URL is a legitimate website or a phishing website.

Find below the project flow to be followed while developing the project.

Downloading the dataset and Preprocessing or cleaning data is an important step in any machine learning project. It is essential to ensure that the data is free of any errors or inconsistencies that could impact the results of the analysis. Once the data has been preprocessed, it can then be analyzed to look for patterns or trends. After the data has been analyzed, a machine learning algorithm can be trained on the preprocessed data in order to learn how to predict future results.

In order to save the model and its dependencies, we can use the "flask" library. This library will allow us to build a web application that integrates with the model. We can then save the model and its dependencies to a file, which can be used to load the model into the web application.