

**Project Design Phase-II**  
**Data Flow Diagram & User Stories**

|               |                        |
|---------------|------------------------|
| Date          | 11 October 2022        |
| Team ID       | PNT2022TMID29648       |
| Project Name  | WEB PHISHING DETECTION |
| Maximum Marks | 4 Marks                |

**Data Flow Diagrams:**



mina

## User Stories

| User Type              | Functional Requirement (Epic) | User Story Number | User Story / Task   | Acceptance criteria                               | Priority | Release  |
|------------------------|-------------------------------|-------------------|---|---|----------|----------|
| Customer (Mobile user) | User Registration             | USN-1             | As a user, Register in the model website using Mail-ID or mobile number   | I can register in the model                       | High     | Sprint-1 |
| Organization           | User Confirmation             | USN-1             | As a user, I will receive confirmation via email or SMS once I have registered for the website  | I can receive confirmation email & click confirm  | Medium   | Sprint-1 |
|                        | User Input                    | USN-2             | As a user, I enter the URL for validation of website  | I can enter the input for validation              | High     | Sprint-2 |
|                        | URL Validation                | USN-3             | Model cross check whether the input URL match with original URL or not  | I can verify the entered URL                      | High     | Sprint-2 |
|                        | URL Processing                | USN-4             | Predict the URL with the help of trained dataset and using machine learning algorithm such as Random forest, KNN etc..data is processed | I can predict the URL using ML algorithms         | High     | Sprint-3 |
|                        | Detection                     | USN-5             | If detection rate is high, then model will declare the URL as a phishing site and vice versa for safe site                              | I can detect the URL whether it is phished or not | High     | Sprint-4 |
|                        | Model Output                  | USN-5             | Displays an alert message if it is a phished site else display as a safe site   | I can display the appropriate output in the model | Medium   | Sprint-4 |