TITLE OF YOUR PROJECT

Parul Institute of Computer Applications

Semester 2 Project -1

2022-23

Team members

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Abstract

- An approach to detection of phishing WebPages based on visual similarity is proposed, which can be utilized as a part of an enterprise solution for anti-phishing.
- Phishing is a form of identity theft in which a combination of social engineering and web site spoofing techniques are used to trick a user into revealing confidential information with economic value. In a typical phishing attack, a large number of spoofed e-mails are sent to random users.

Tools and Technology Used

- Programming language: PHP
- Web development framework: Laravel
- Database management system: MySQL
- Front-end technologies: HTML, CSS, JavaScript, Bootstrap
- Other tools:
- Github
- Composer for package management
- PHPUnit for testing
- Apache server for deployment

Features of Proposed System

- User authentication and authorization
- Phishing link detection
- Link analysis

Limitation of Proposed System

- The accuracy of the system may not be 100%, as phishing techniques are constantly evolving and becoming more sophisticated.
- The system may not be able to detect phishing attempts in real-time, as it may require some time to analyze incoming emails and URLs.
- The system may not be effective against social engineering attacks.
- The system may not be able to prevent users from clicking on phishing links or entering sensitive information, as it can only provide warnings and alerts.

USERS AND THEIR ROLE DESCRIPTION

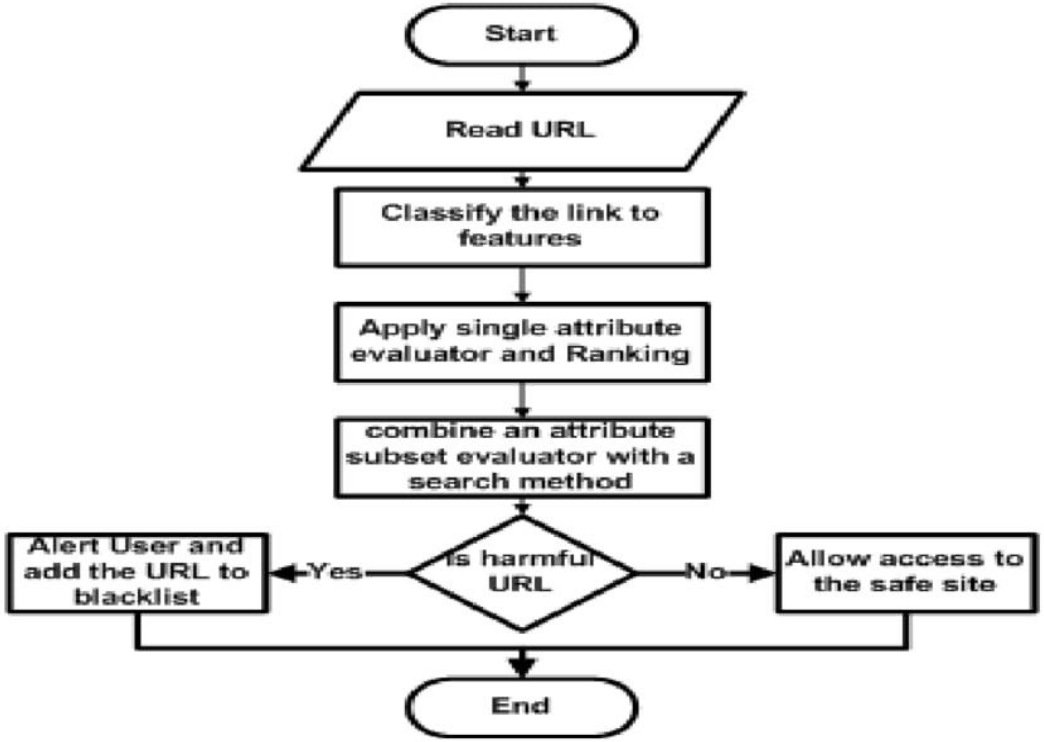
Admin :

The admin user will have full access to the system and will be responsible for managing user accounts, adding or removing features, and monitoring the system's overall performance.

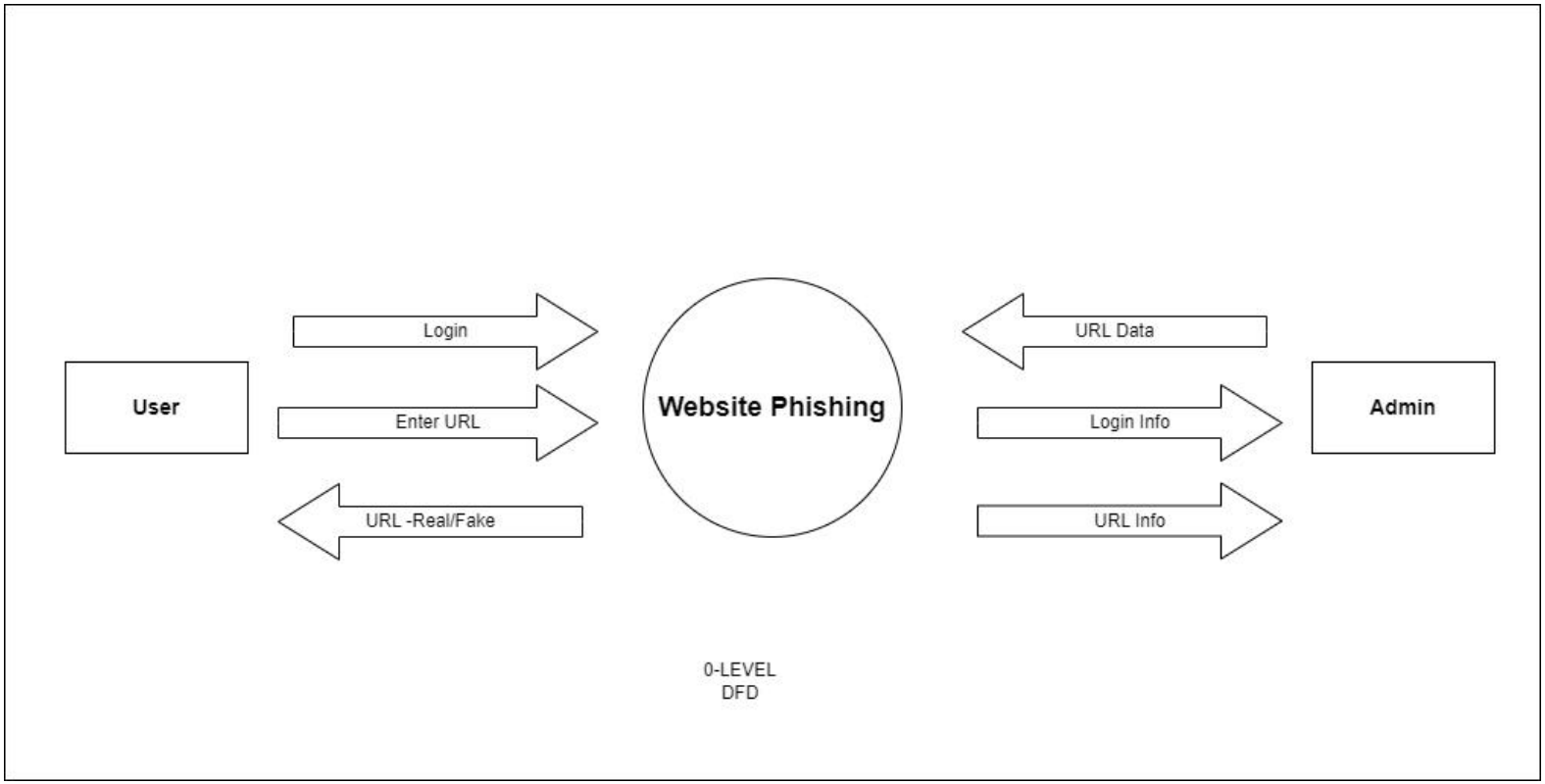
Regular User :

The regular user will have limited access to the system and will be able to use the phishing link detection feature.

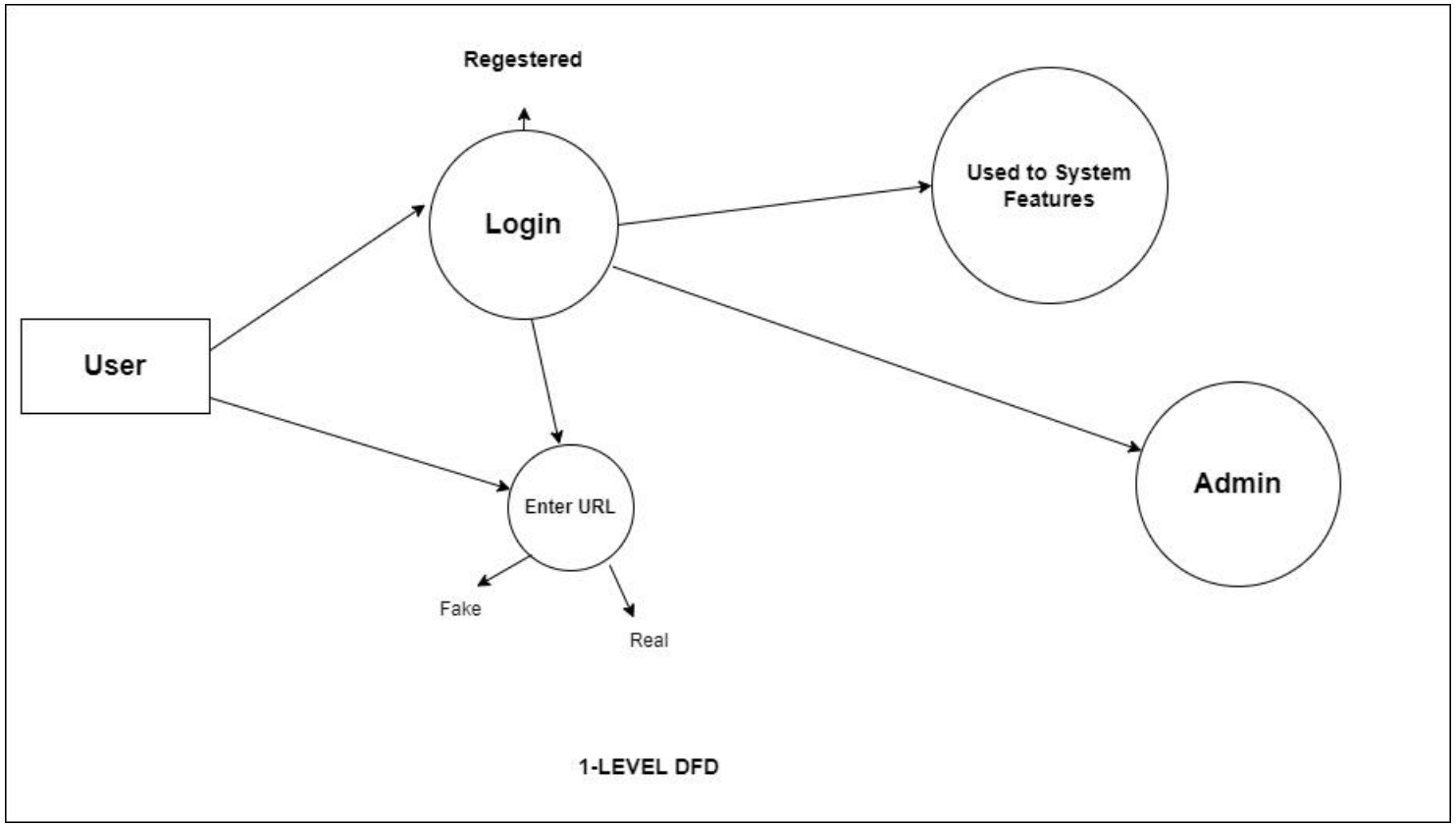
System Flow Diagram



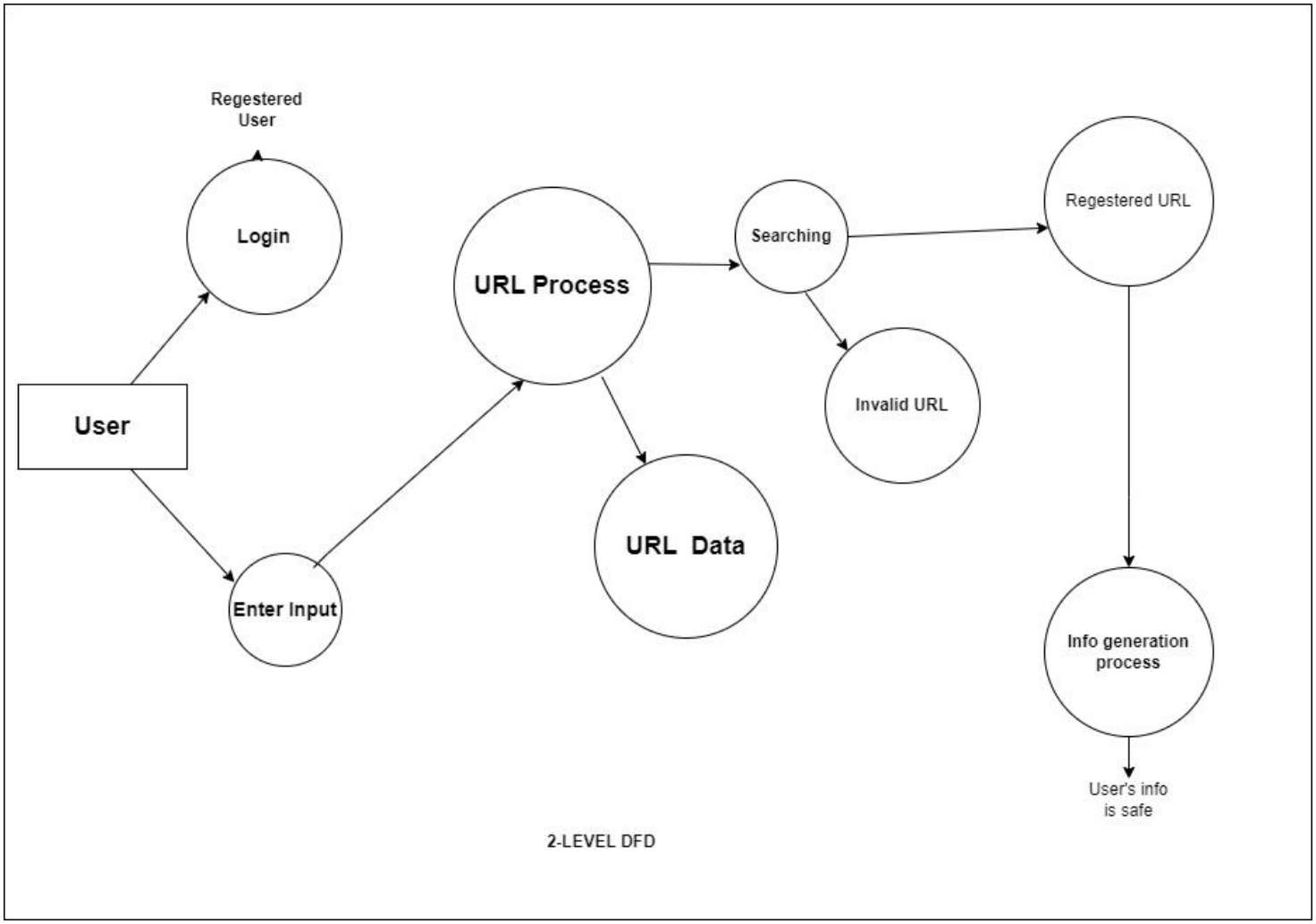
Data Flow Diagram



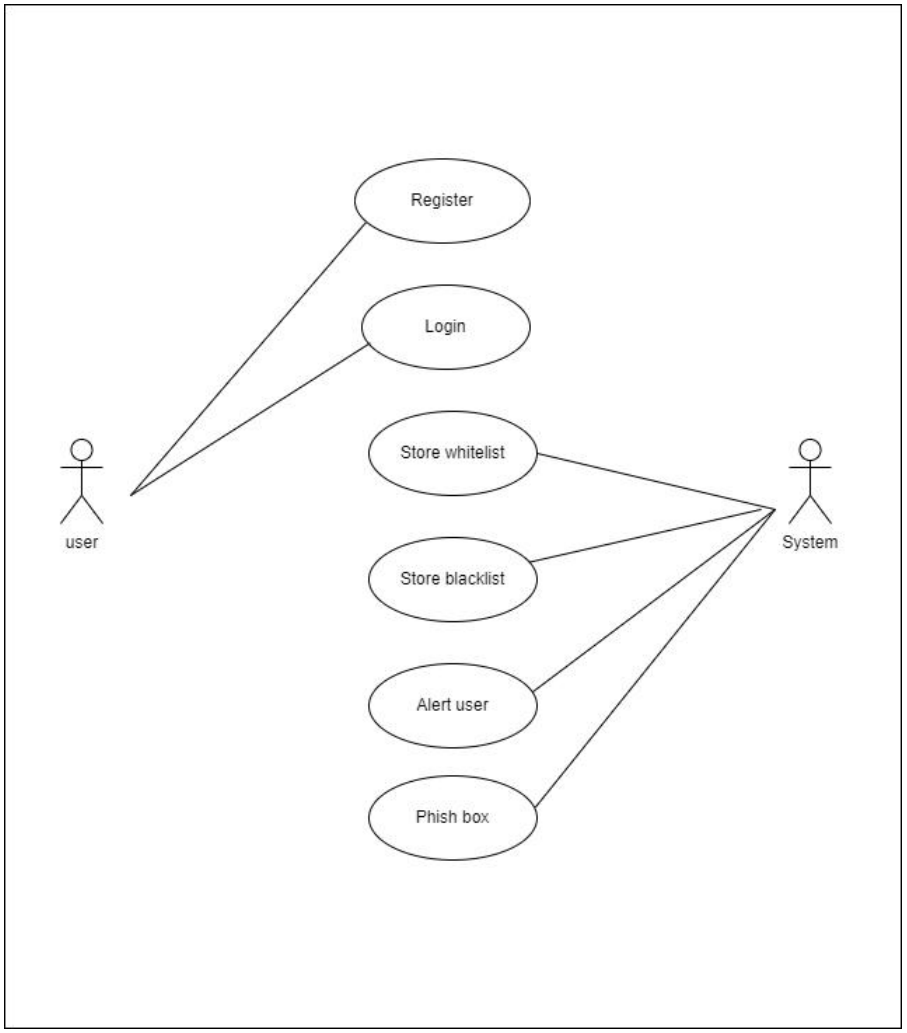
Data Flow Diagram



Data Flow Diagram



Use Case Diagram



Data Dictionary

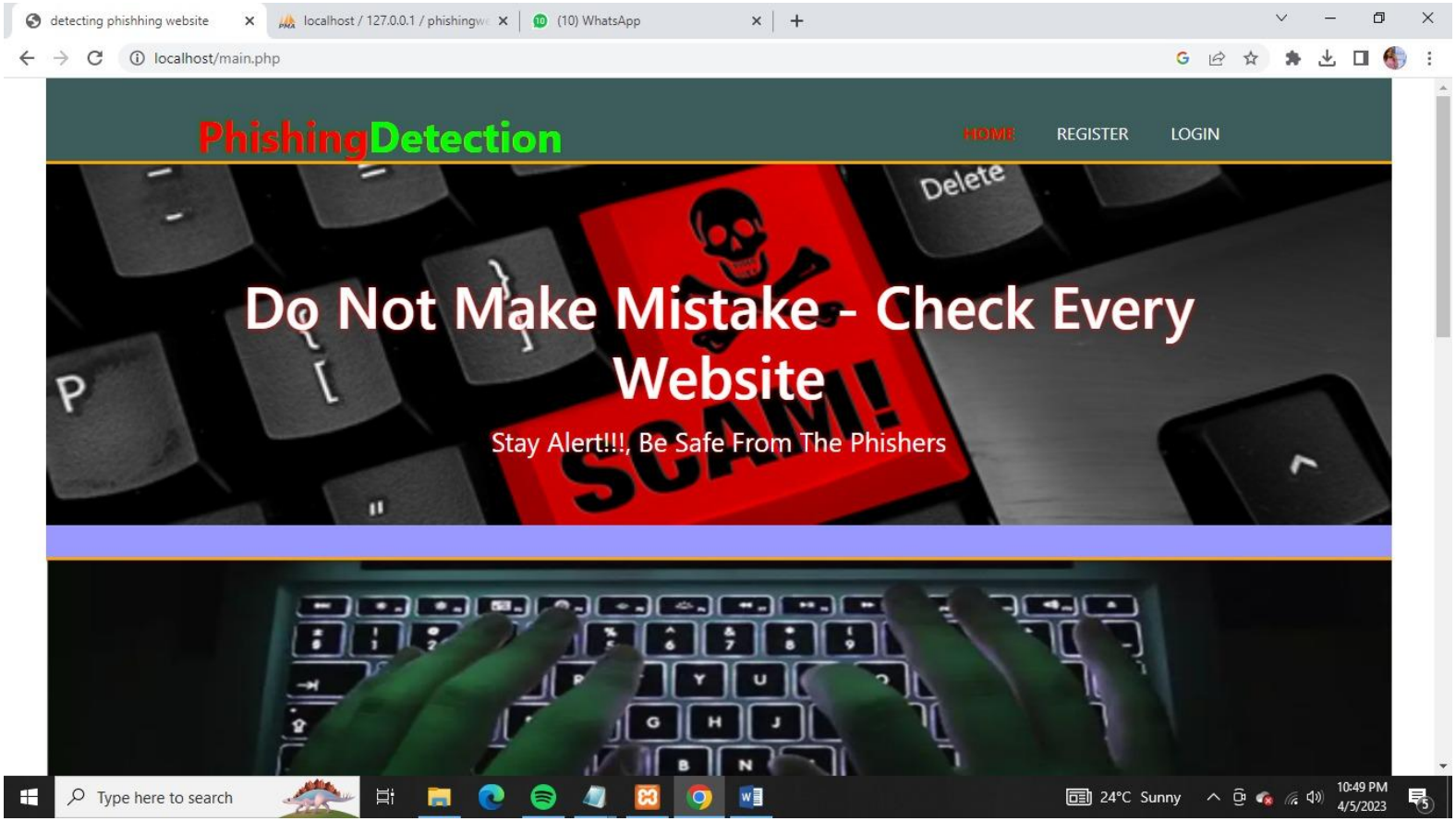
Sr. No.	Field Name	Data Type	Size	Constraint	Description	Example
1	Id	int	11	Primary key		1,2,3…
2	First name	varchar	20	-		Nirmeet
3	Last name	Varchar	20	-		Patel
4	User name	Varchar	20	Foreign key		nirmeet_123
5	Email	Varchar	50	-		Example123@gmail.com
6	Password	Varchar	250	-		123#456
7	Contact	Double	-	-		9182736405
8	User type	Varchar	20	-		
9	Forgot pass identity	Varchar	32	-		
10	Created	Datetime	-	-		
11	Modified	datetime	-	-		

DATA DICTIONERY

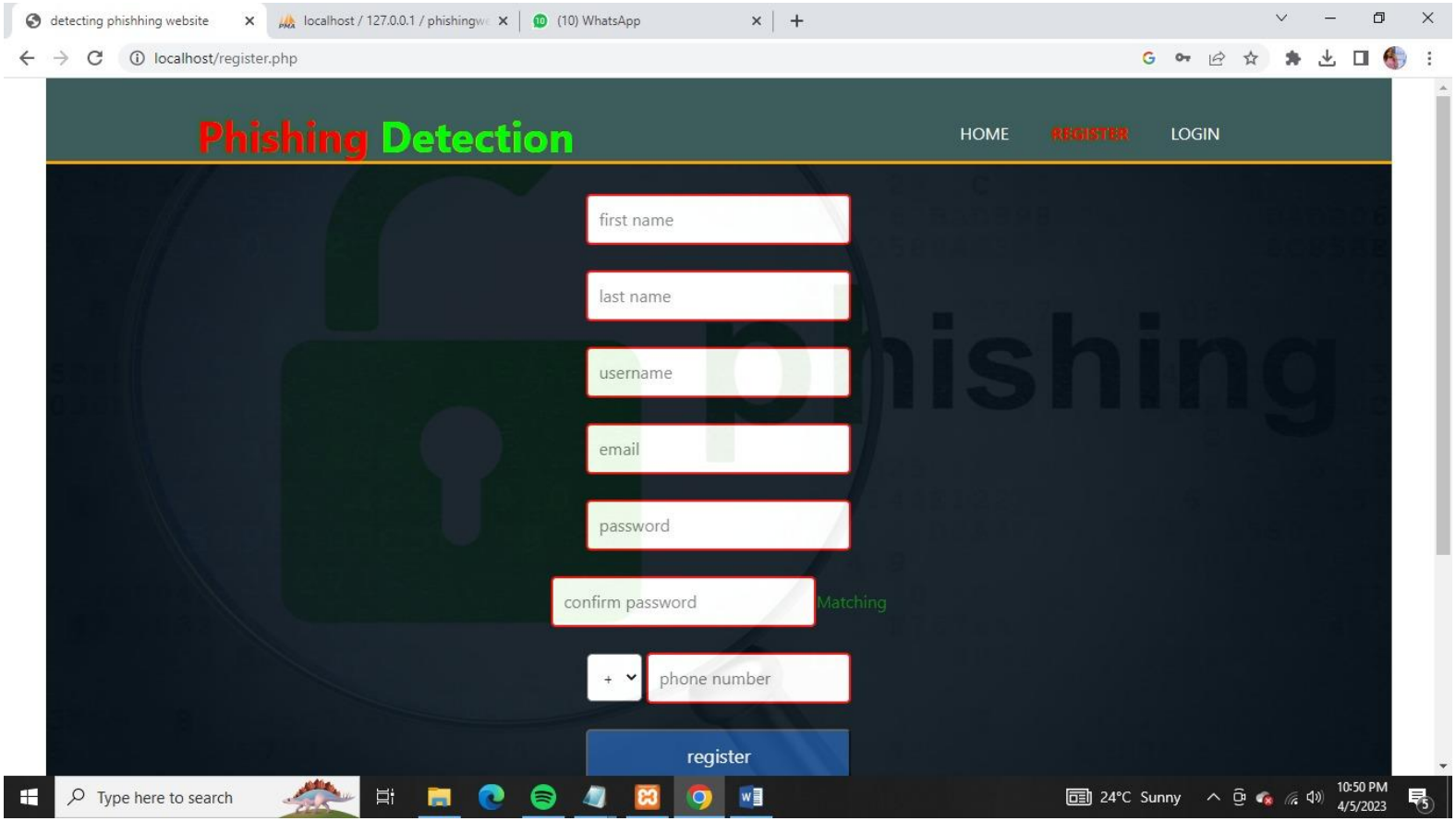
Sr. No.	Field Name	Data Type	Size	Constraint	Description	Example
1	Uid	Int	11	Primary key		1,2,3,4..
2	url	Varchar	200	-		https://www.instagram.com/credicard/
3	type	int	11	-		-1

Sr. No.	Field Name	Data Type	Size	Constraint	Description	Example
1	F id	Int	11	Primary key		1,2,3,4..
2	Rate	Varchar	10	-		Average, good
3	name	Varchar	20	-		Sandeep Sharma, Krishna….
4	Email	Varchar	30	-		
5	comment	text	-	-		It’s good, I like this system ,etc

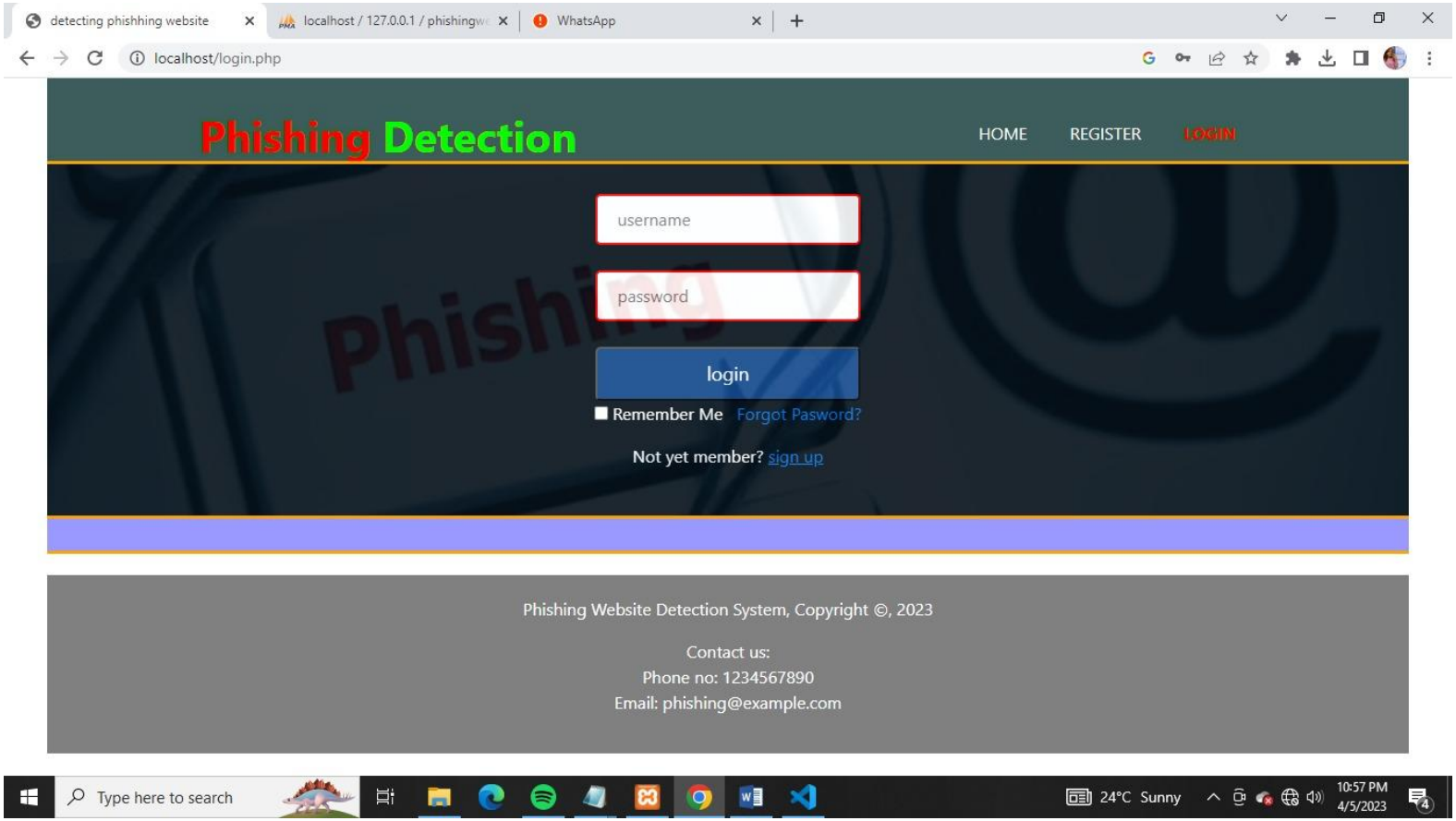
Screenshots of Development Phase 1 (Designing of your Project)



Screenshots of Development Phase 2 (Features Implementation)



Screenshots of Development Phase 2 (Features Implementation)



Thank you !!!