# Project Documentation

**Group W Members:**  
Mehul Bhargav - 500245513  
Sukhjit Singh - 500237727  
Sahil - 500237277  
Varisdeep Singh - 500245515  
Shivam Bhargav - 500236917

## Screenshots and Explanations

A screenshot of a computer

Description automatically generated

\*\*Newsletter Table in phpMyAdmin\*\*: Displays the 'newsletters' table in the database with one entry showing an email and subscription timestamp.

A screenshot of a computer

Description automatically generated

\*\*Users Table in phpMyAdmin\*\*: Shows the 'users' table in the database with three entries containing user details like Customer ID, Name, Gender, Email, Phone, and other attributes.

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

\*\*Newsletter Subscription Confirmation Page\*\*: Shows a confirmation message that the user has successfully subscribed to the newsletter.

A screenshot of a computer

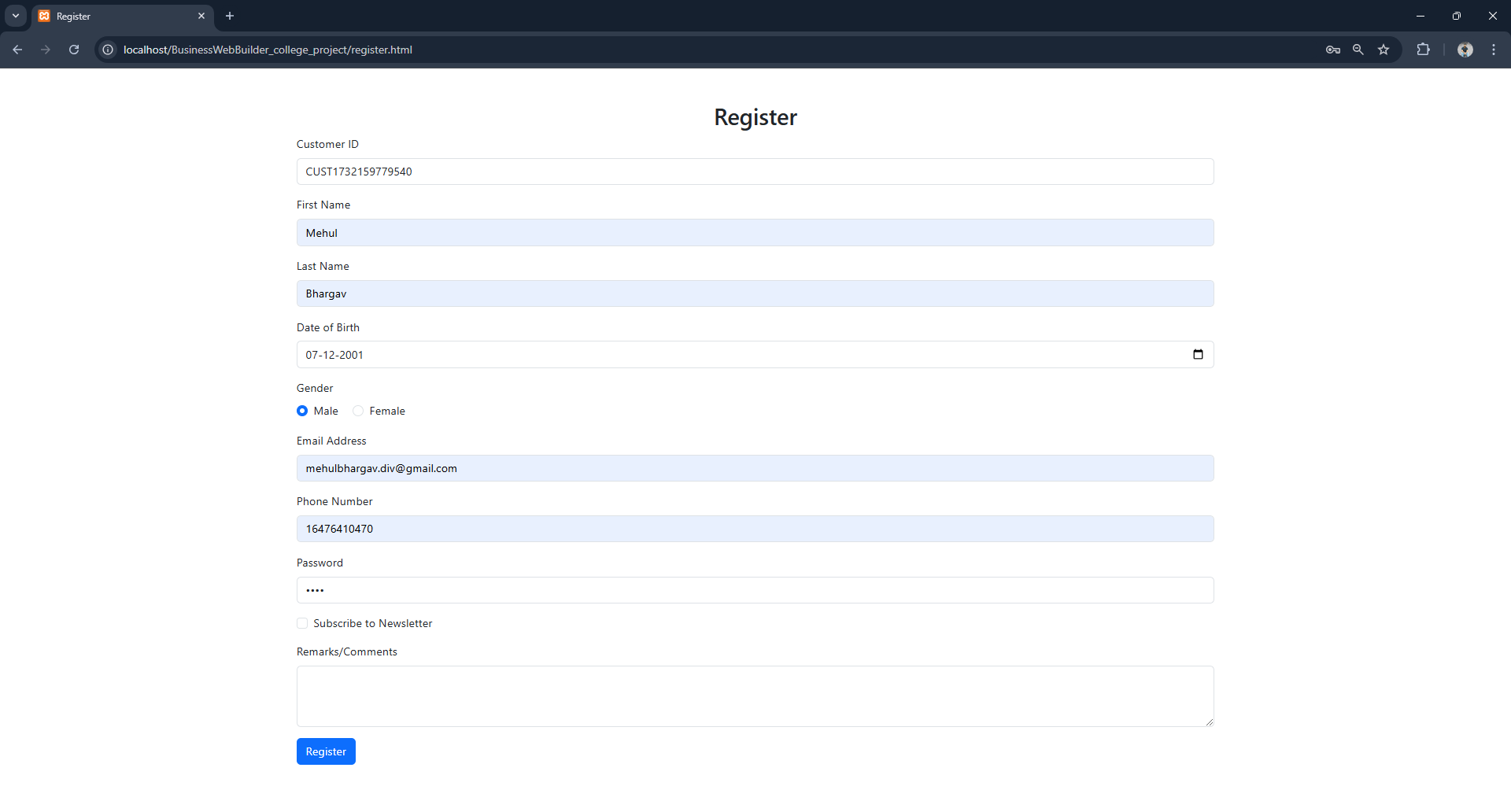
Description automatically generated

\*\*IT Agency Website Newsletter Section\*\*: Frontend view of the newsletter subscription section on the IT Agency website.

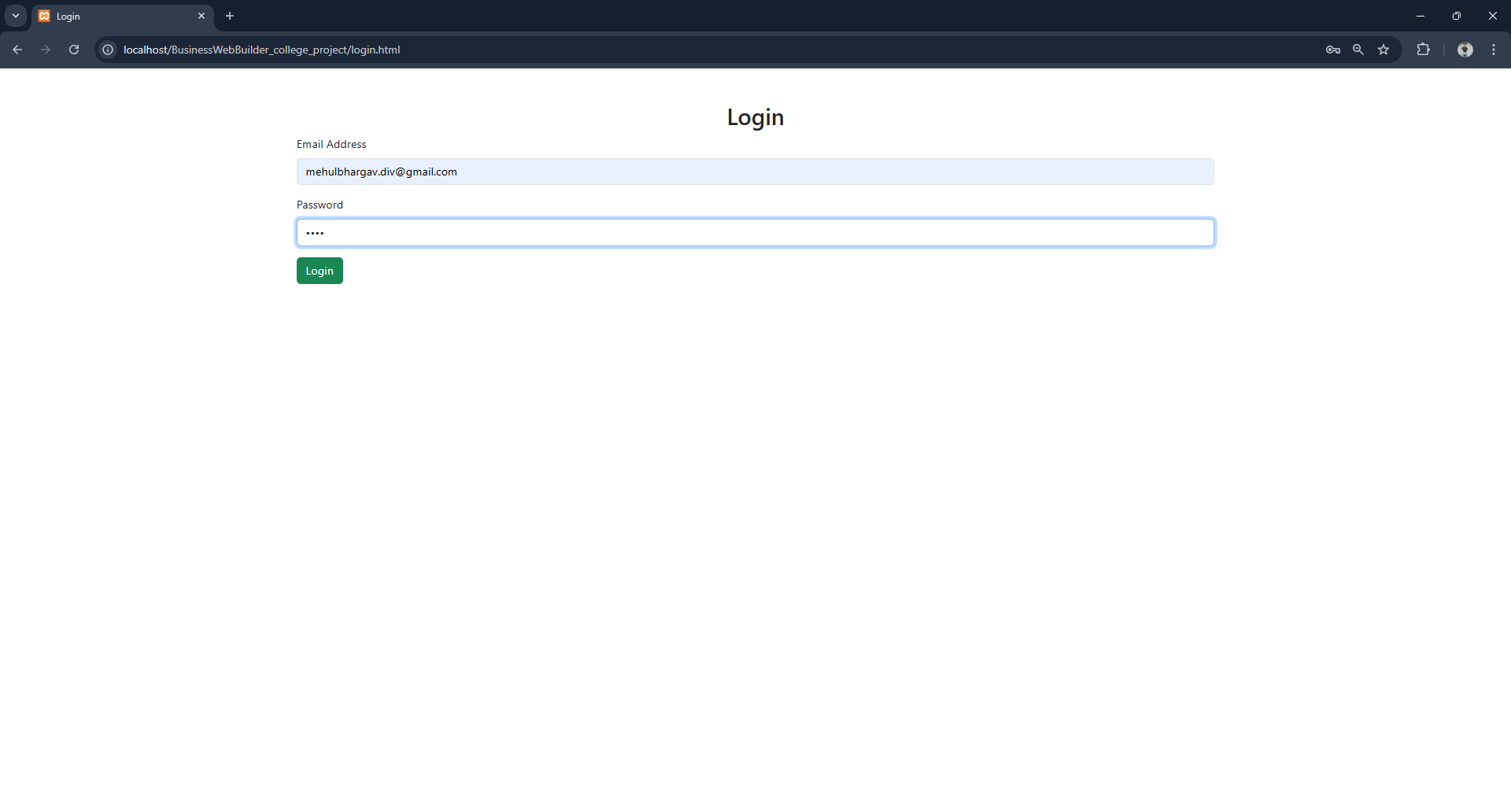
A screenshot of a computer

Description automatically generated

\*\*Successful Registration Page\*\*: A webpage confirming the successful registration of a user.



\*\*Registration Form\*\*: Frontend view of the registration form where users can input their details to register.



\*\*Login Page\*\*: Frontend view of the login page where users can input their email and password to log in.

A screenshot of a computer

Description automatically generated

\*\*Welcome Page\*\*: A webpage displaying user details after a successful login.

A screenshot of a computer program

Description automatically generated

\*\*File Structure in VSCode\*\*: Displays the organized folder structure in the project, including directories for PHP, CSS, JavaScript, and HTML files.

A screenshot of a computer

Description automatically generated

A screenshot of a computer program

Description automatically generated

\*\*Register.html Code\*\*: Shows the HTML structure for the registration page.

A screenshot of a computer

Description automatically generated

\*\*Login.html Code\*\*: Displays the HTML structure for the login page.

A screenshot of a computer

Description automatically generated

\*\*Database Connection Code (db.php)\*\*: This PHP file includes the code for connecting to the database using MySQLi. It initializes the connection with localhost, root user, and ITAgencyDB as the database name.

A screenshot of a computer

Description automatically generated

\*\*Login Functionality Code (login.php)\*\*: This file contains PHP code for user login. It verifies the email and password entered by the user, fetching details from the database and displaying a welcome message if the credentials are correct.

A screenshot of a computer

Description automatically generated

\*\*Newsletter Subscription Code (newsletter.php)\*\*: The 'newsletter.php' file processes the newsletter subscription. It takes the email entered by the user, stores it in the database, and displays a confirmation message for successful subscription.

A screen shot of a computer

Description automatically generated

\*\*User Registration Code (register.php)\*\*: This PHP file handles user registration. It takes all the form inputs, hashes the password, and inserts the data into the 'users' table in the database. A unique Customer ID is generated dynamically using a timestamp.