CITY UNIVERSITY

Faculty of Science and Engineering
Department of Computer Science and Engineering
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SE 408 Web Database and Programming Laboratory

Project Report

Submitted To:

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Introduction: I have design a complete website for a convention center.

Functionality: in my website I have design 5 menu for my homepage.

Home: In home section I have added 3 slide photo (carousel) for client attention. I also made a book now button here. Client can go to redirected link by clicking this button.

About Us: By clicking About us menu, visitor will see about the convention center. People can read our business's history. This will make our business trustworthy to our client.

Pricing: Client can see our all packages by clicking Pricing menu. We offer three type of package for client. Client can choose any of these choice according to their need.

Contact: in this section , client can see our physical location and they can see our contact information from this section. There is also a contact s form. Client can send us message .

Log in: To purchase any package online , user must login in our website, new user can complete their registration using their email . User must verify their mail to log in the website.

There are also another three important section s I have design in my website.

- Check schedule
- Frequently asked question
- Footer section

Check schedule section: through my website is a convention center, client will use physically use convention center. That's why I design a schedule checking section. Client can check and booked convention center only if vacancy is available .

Frequently asked question section: In this section I have write most common client's question. Such as

1. Refund policy
2. Paying system
3. Vacancy spaces etc

Footer section: I have added copy write info here and added font awesome icon here. If company have mobile application, user can download the app by clicking this icon .

Security: only authorized user can login our website.

- I have implement user registration verification by OTP
- User information encryption
- Password Reset option by OTP verification if user forget password.

I also set session and cookie in my website. Logged in user can directly log in without password until he logged out . if user logged out, then session will be destroyed .

By cookie user can checked save password checkbox. It will saved the email and password after log out. User can also clear saved password.

Coding Structure:

Used languages in my website are:

- HTML5
- Bootstrap 5
- CSS3
- PHP
- Java Script
- MySQL

HTML5: HTML 5 is the latest version of hyper text markup language. Tag of HTML 5 is more meaningful. Browser can easily identify its tags. Developer also can easily understand HTML 5 written code. Such as from <header> tag we can understand head of the website, from <main> tag we can understand it is the main section . From <footer> section we can understand about footer section. Another most used HTML5 tag are <nav>, <article>, <form>, <button> etc.

HTML 5 tags has semantic meaning, to make clean code I have used HTML 5 in my project. This will help me future when I will need to update my website features. Because of semantic meaning HTML 5 build website will be SEO friendly. Search engine can easily identify header main and all section easily.

Bootstrap 5: Bootstrap 5 is the most used Popular CSS framework. We can easily make a responsive layout of a website using bootstrap 5.

90 percent of my Font end design I have used bootstrap 5. Bootstrap saved my time & I have make my website responsive for small middle and for big screen devices easily using bootstrap.

CSS3: Cascading Style Sheets Level 3 (CSS3) is the iteration of the CSS standard used in the styling and formatting of Web pages. CSS3 incorporates the CSS2 standard with some changes and improvements. CSS3 is easier to learn and understand.

Bootstrap 5 provide pre defined many styles but it is insufficient, that's why I have used CSS3 along with bootstrap 5.

PHP: PHP is a server scripting language, and a powerful tool for making dynamic and interactive web pages. It is a widely-used, free, and efficient for back end design. Our course teacher teaches us PHP for back end Design. That's why I have made my back end design with PHP.

JavaScript: JavaScript is the world's most popular high level programming language of the web. It is easy to learn.

SQL: SQL stands for structure query language. It is free to use. I have created my database with MySQL. MySQL is a software of SQL. It is easy to use. Using this software I have create my database.

Mail Server Configuration: I have configured my local host mail server with XAMPP. I have used SMTP 587 port in my server. It is more secured than port 25.

Website interface

Home Page:
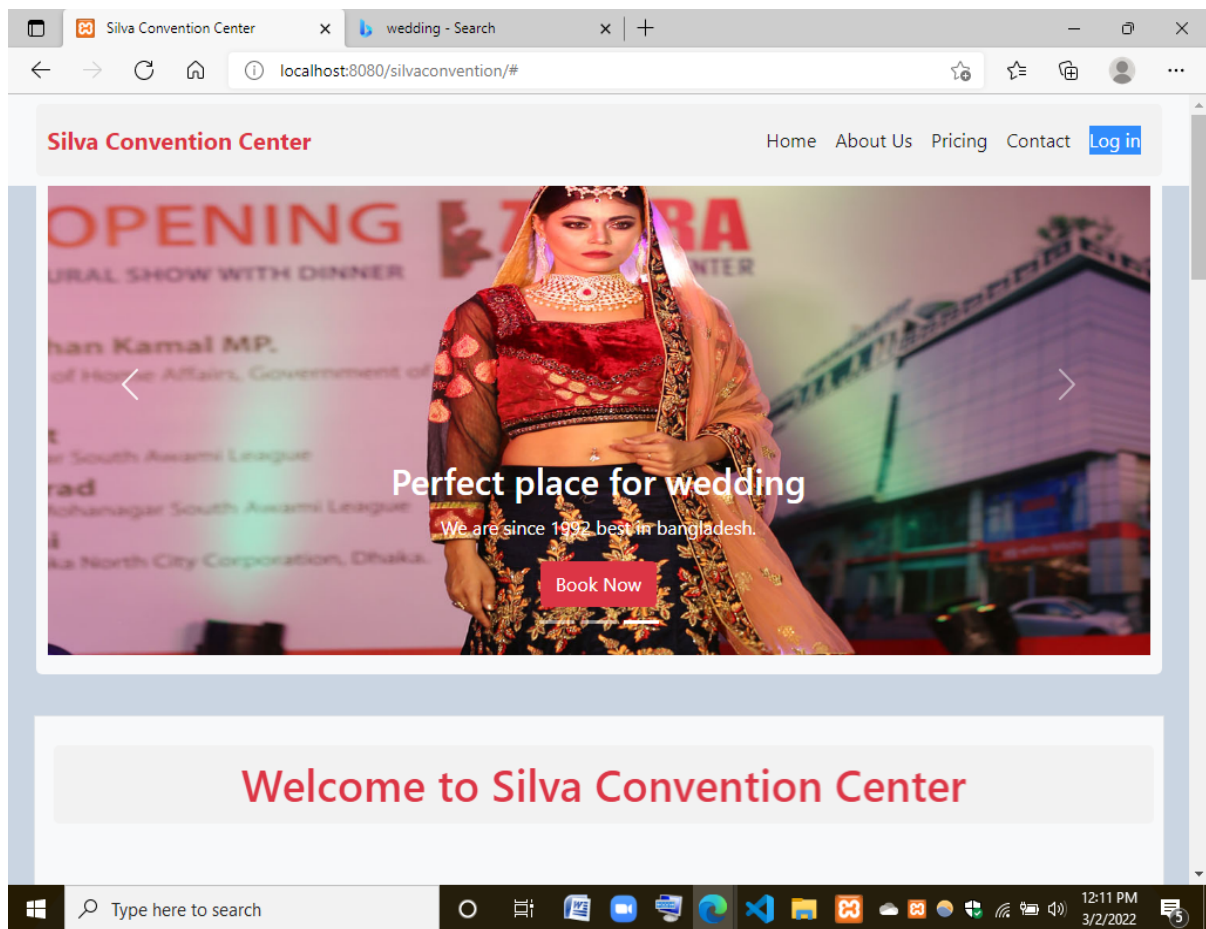
Page-1: Homepage

Price page:
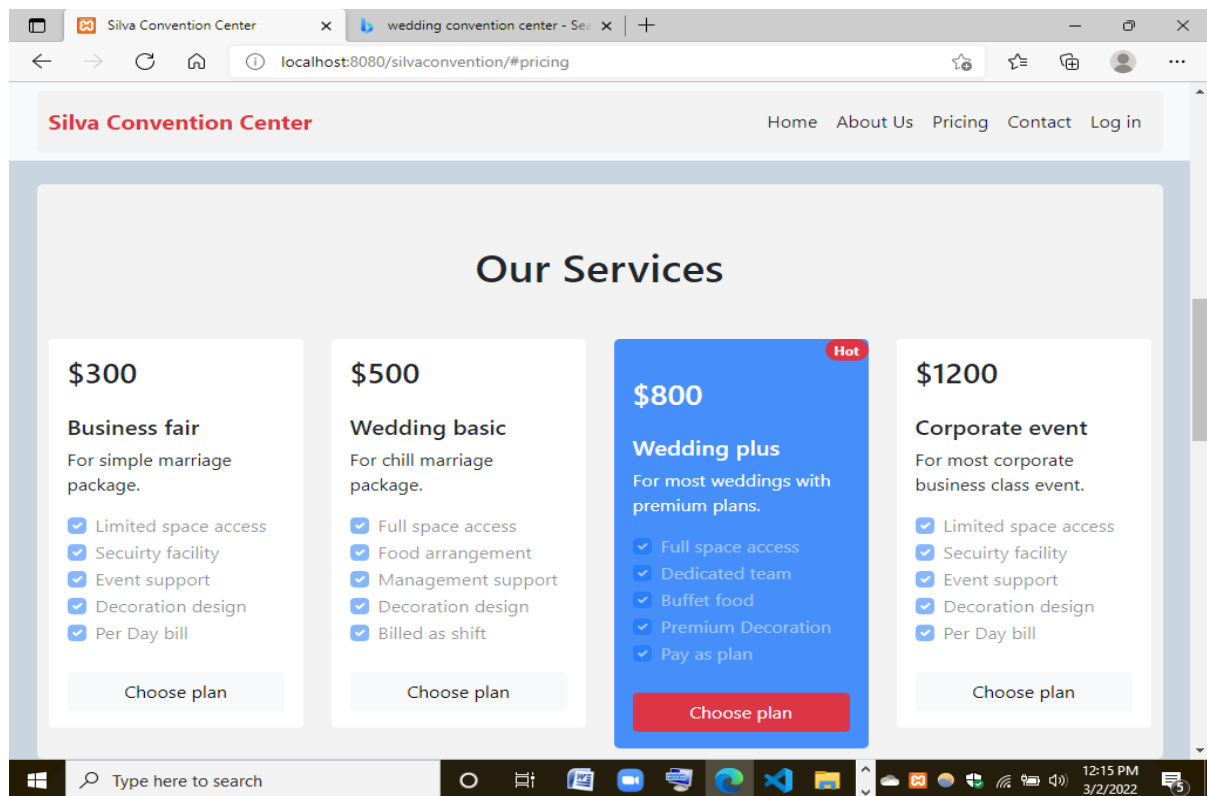
Page-2: pricing page

Contact us page:
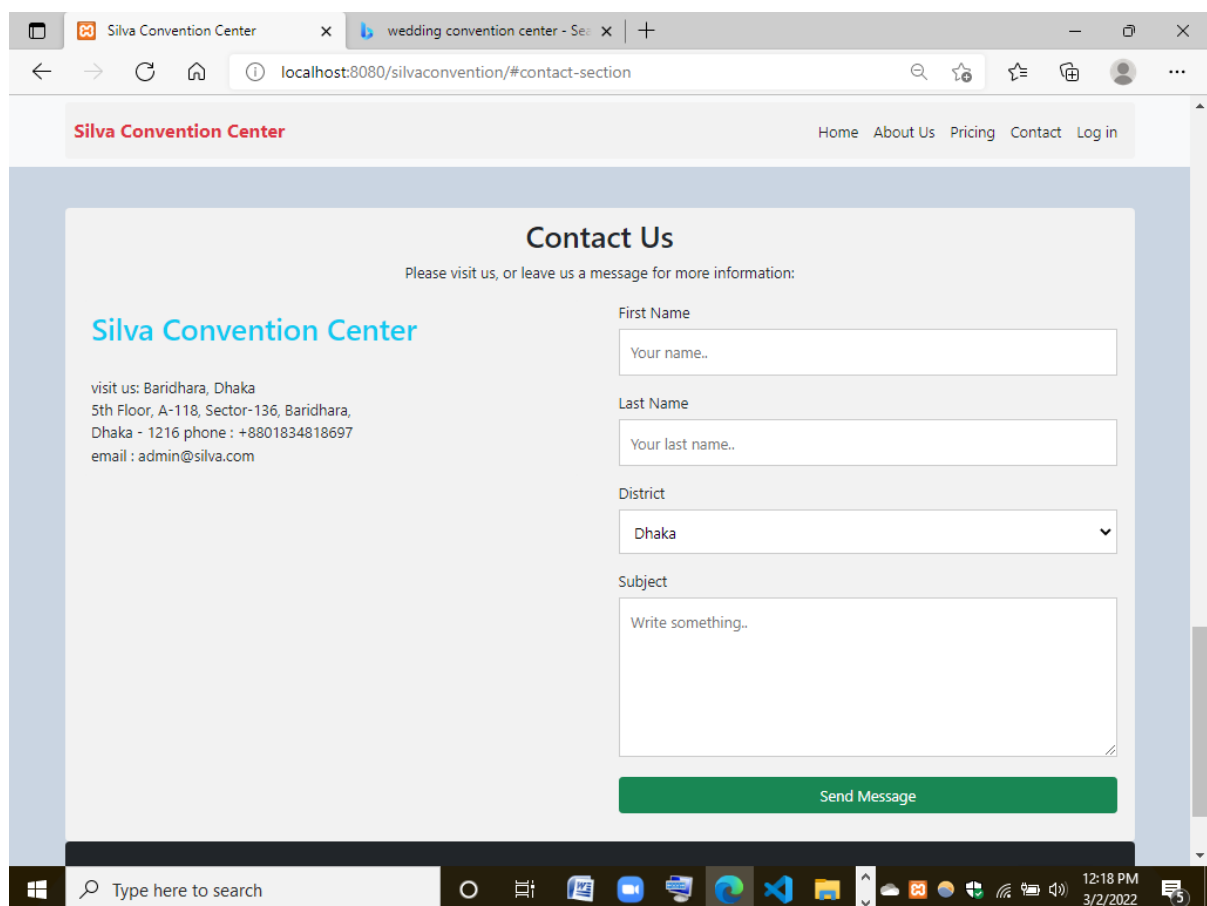
Page-3: contact us section

Login page:

Page-4: Login page

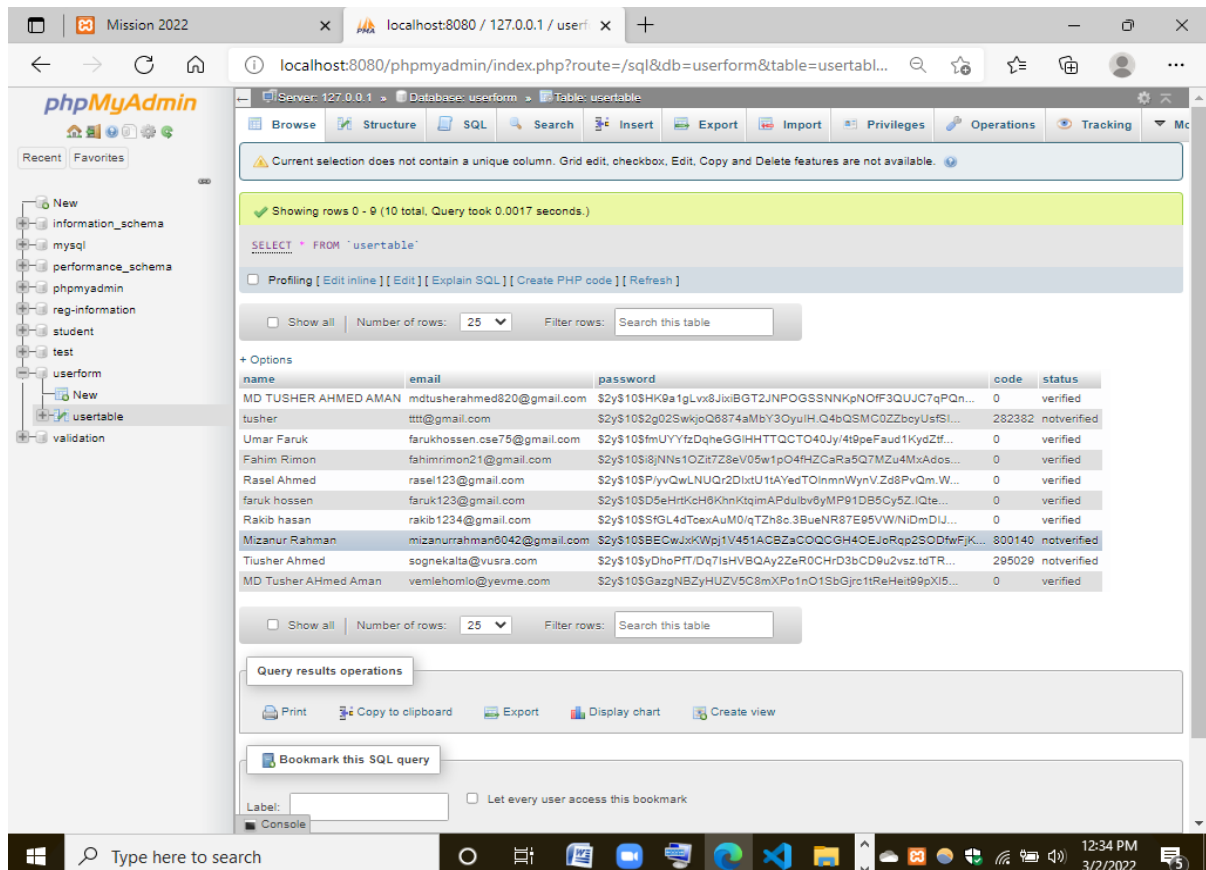Registration Page:

Page-5: Signup page

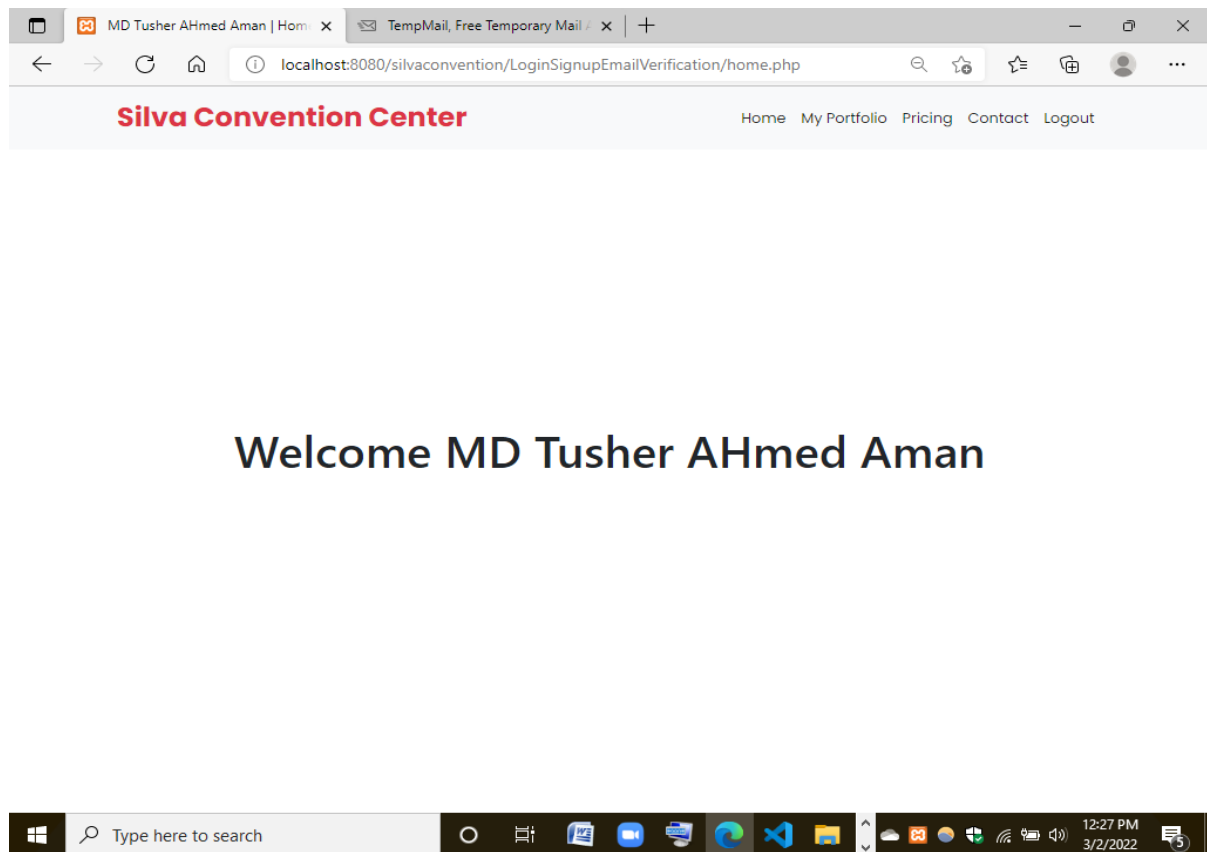Code verification Page:
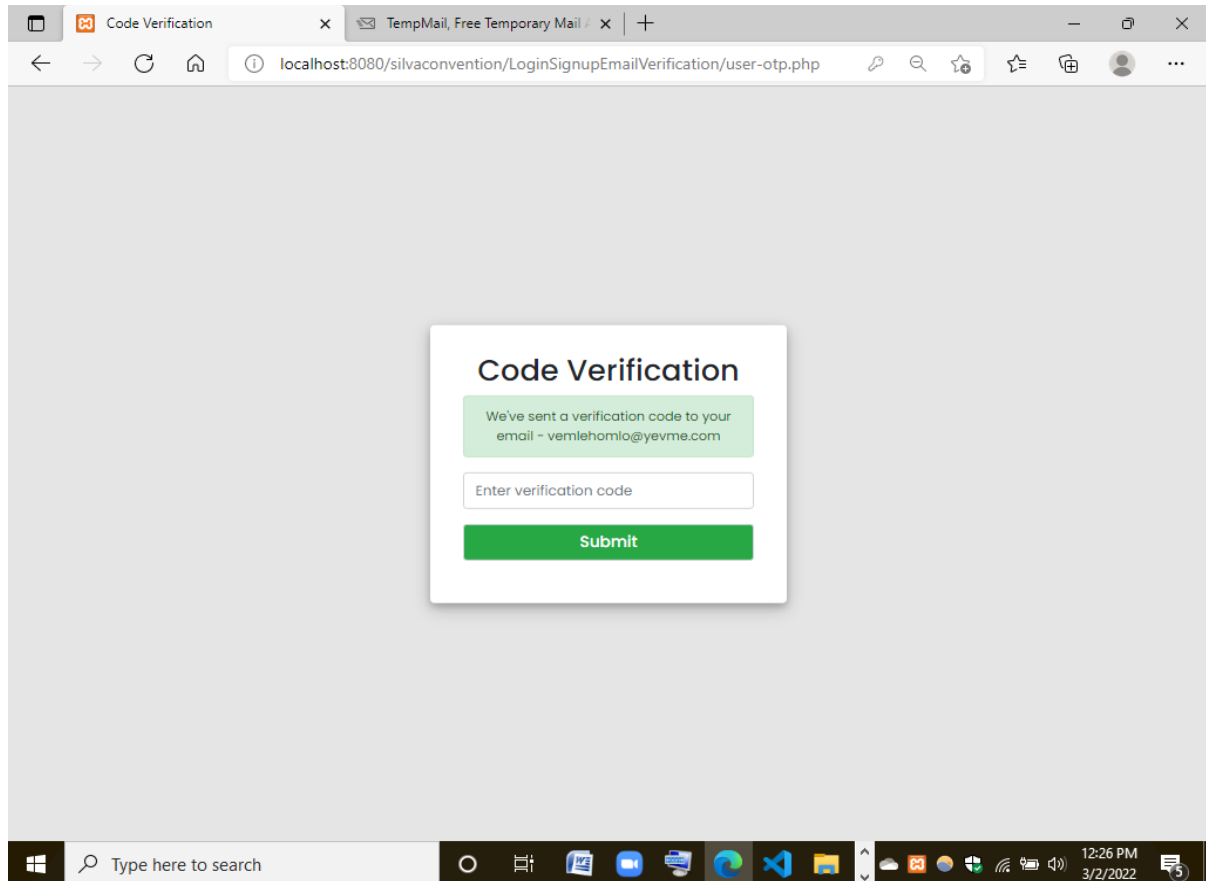
Page-6: code verification page
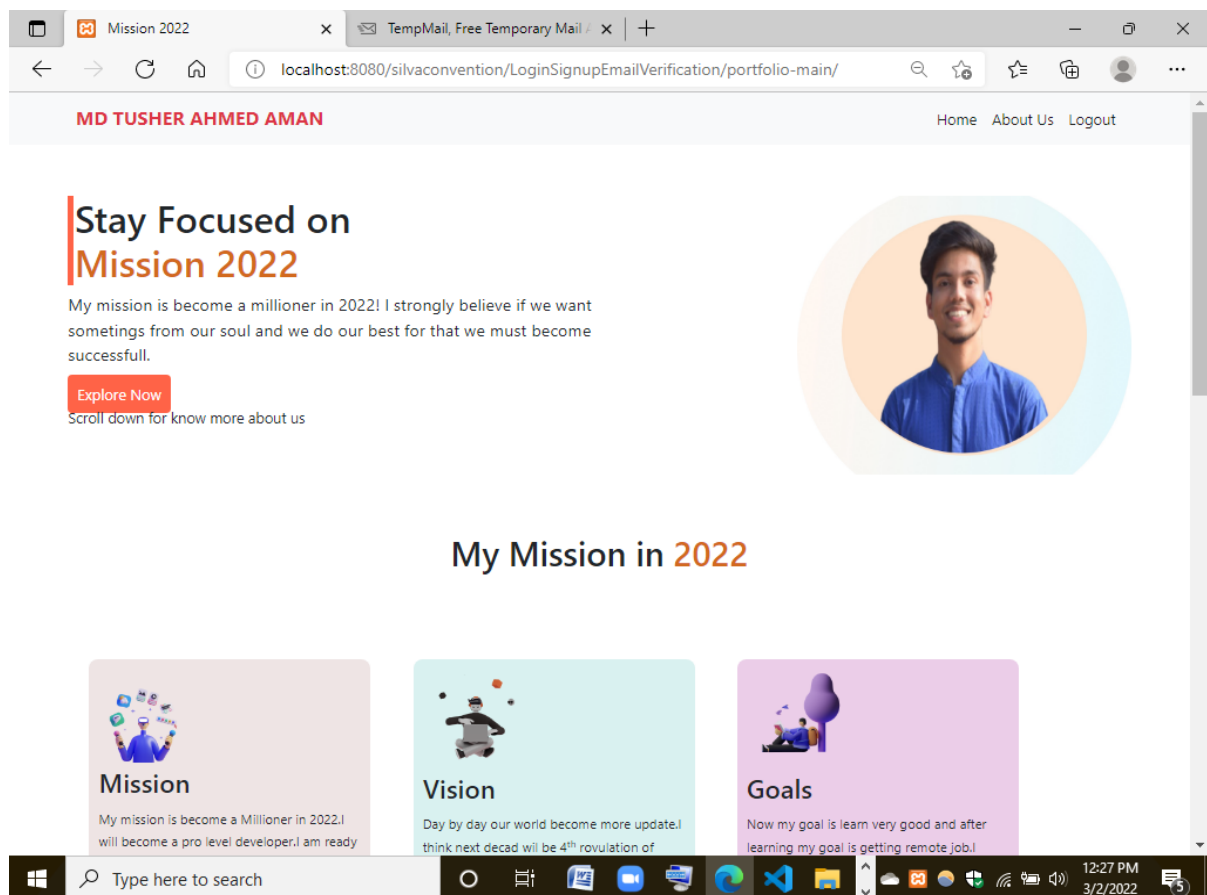
Database page:

Page-7: Database page

Registered User page:

Page-8: user page

My Portfolio:

Page-9: My portfolio