

CHITTAGONG UNIVERSITY OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Course Title: Internet Programming (sessional)

Course No: CSE-302

Project Name: Book Sharing Web Application: Boi Bondhu

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Remarks

Introduction:

Front-end web development is the development of the graphical user interface of a website, through the use of HTML, CSS, and JavaScript, Bootstrap so that users can view and interact with that website. For easy navigation and attractiveness, every web application required a front-end. Our book-sharing application uses HTML, CSS, and JavaScript for front-end purposes. Django is a high-level Python web framework that encourages rapid development and clean, pragmatic design. For our backend we use Django.

Objectives:

- To create a Profile page.
- Link up other pages.
- Add content to the Profile.
- Make the website responsive.

Requires Tools:

- **Language:** HTML, CSS, and jQuery (JS library), Bootstrap, Python.
- **IDE:** VS Code
- **Backend:** Django

Description:

Works were done this week:

- Adding a Profile page.
- Create an “Edit Profile”.
- Connect the web application to the server.
- Sign-in & Sign-up.

We created a separate ‘Profile’ page. On this profile page, the information of users is saved. People will visit the profile and will get an idea about the users. So, trust can build with users. The profile page is built by Bootstrap. So, the page is responsive. As we know users’ information will be held on this page so it has a connection with the back-end. There is also an edit profile page. Where users can edit or update their information. We also design the pages according to our UI design of other pages. For design purposes, we try to make our design consistent.

The content and the design of our Profile page and the content is given below.

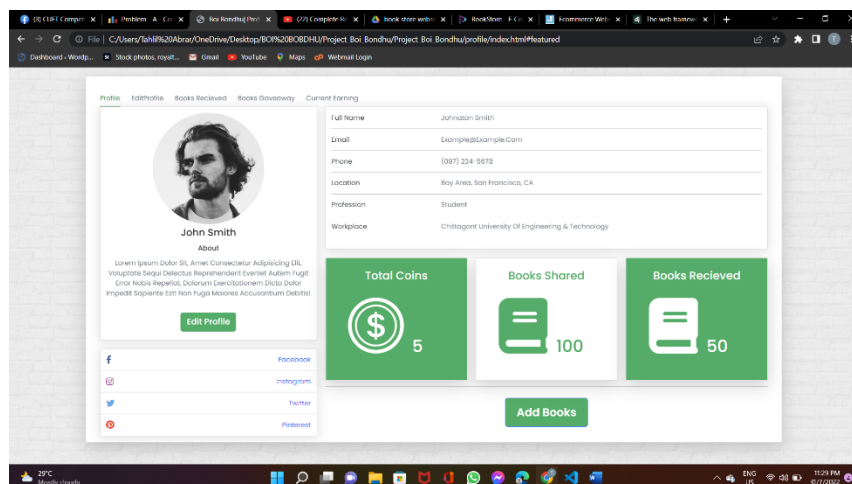


Figure 1: Profile page of users.

Edit profile page of users.

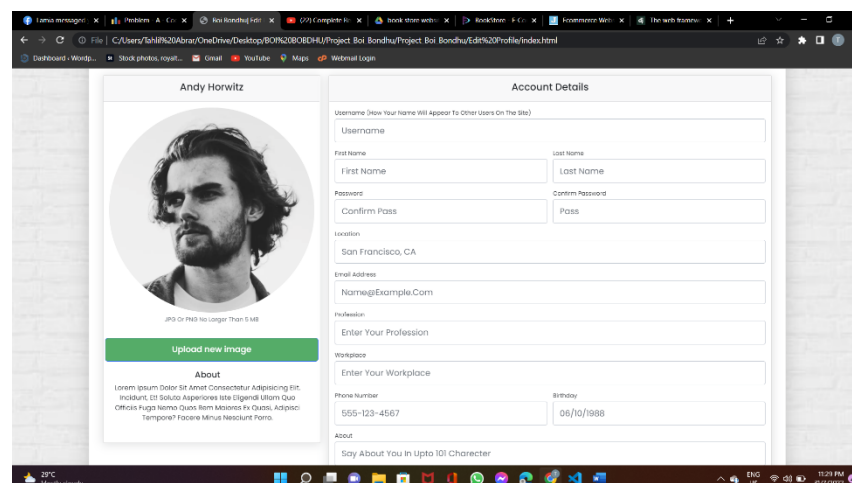


Figure 2: Edit Profile page of users.

Django is a high-level Python web framework that enables rapid development of secure and maintainable websites. Built by experienced developers, Django takes care of much of the hassle of web development, so you can focus on writing your app without needing to reinvented wheel. It is free and open source, has a thriving and active community, great documentation, and many options for free and paid-for support. By using Django, we connect our back-end. For this week we host the server in Django and create sign-in sign-up from. We save the user data from sign-up from and use it for verify the users. If an unknown users want to use our site he can not be use it. There will be a message shown on the top that “User’s Doesn’t Exist”. If someone insert wrong password then they will show “Password Doesn’t match”.

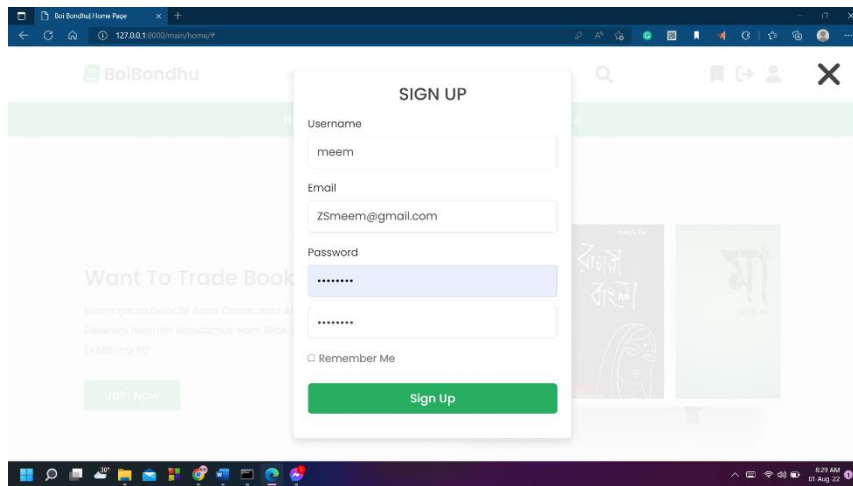


Figure 3: Fill up sign-up Form.

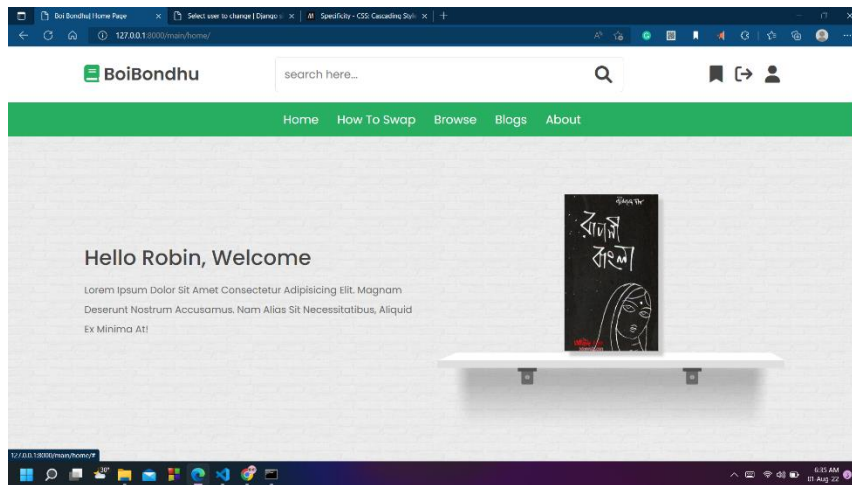


Figure 4: Logged in Home page.

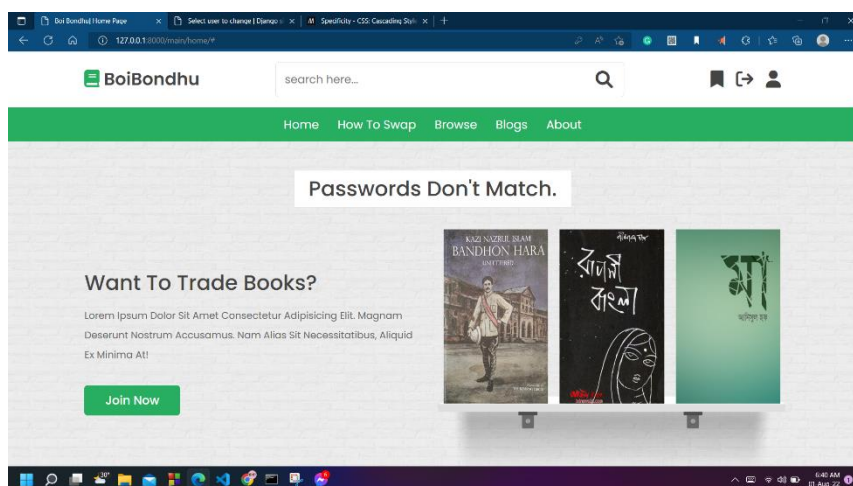


Figure 5: Incorrect Password.

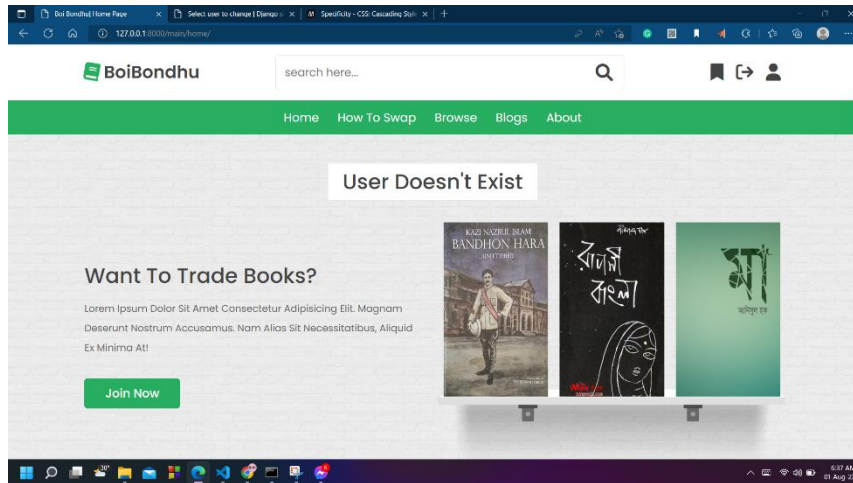


Figure 6: Invalid User.

Conclusion:

This week we are working on profile page, edit profile for front-end. And for back-end we use Django. We are hosting our server in Django and set up this. By using Django, we connect our back-end. For this week we host the server in Django and create sign-in sign-up from. We save the user data from sign-up from and use it for verify the users. If an unknown users want to use our application, he cannot be use it. There will be a message shown on the top that “User’s Doesn’t Exist”. If someone insert wrong password then they will show “Password Doesn’t match”. For next week we will work on our browse page.