Project Report

(COOKit)

Submitted by: Sidra Khalid

<u>Abstract</u>

In the era of independence and technology, everyone in this world is relying on the technology. In most of the field's technology is directly or indirectly involved. There are many daily life problems whose solutions are obtained from different sources of the technology. One of those problems is How to learn cooking and where to learn cooking.

Many newly married girls and guys who use hostels for the sake of studies or jobs have the issue of food. Those who want to learn cooking consult with online sources to achieve their goal. There are many sources available to people through which they can learn new recipes and short recipes. But finding which recipe is authentic and short is a difficult task. I tried to solve that problem for people. I made a simple website **COOKit** through which I tried to give the short and authentic recipes in one website. This website contains three type of recipes including fast food, sweet dishes and spicy. All this website need is user registration. Once a user is registered to the website, she/he is directed to the recipes page through which he can select any of the type from three type of food recipes and learns how to cook. For achieving this I made front end easy and user friendly. I used basic HTML and CSS language to code the front end and for back-end I used Flask frame work.

Table of Contents:

1) Objectives

1) To design a user-friendly interface which is easy for all to understand.

2) To make recipes easy to access by anyone.

3) To provide authentic and short recipes to users.

4) To sum up different websites having short recipes through a single page.

2) Acknowledgment

The author will like to acknowledge herself for input in the preparation of this project. Whole algorithm having functions is written by the author. Author used his own knowledge.

3) Introduction

When we say website, it means an online source which is available to user as a page and users can interact with it through its user interface. Users can get or post information to the website. A website can be a single webpage or comprise of multiple web pages performing single or different operations. I made this website which consists of a registration, login and recipes page.

User enters her/his credentials through webpage. The user credentials are being saved in the MYSQL database. User can register through her/his email and password and then can easily login to the recipes through these credentials.

4) Technologies

- HTML and CSS (front-end)
- Flask (back-end)
- MySQL (database)

5) Front-End

Front end refers to the user interface. Front end of a website is the user interface through which user can interact with web page. Front end of a website contains clickable and text through which user can get information as well as can jump from one page to the other. It is mostly designed using HTML and CSS. I used HTML, CSS and Bootstrap classes in order to make front end. Front end of my website contains four pages.

- ❖ Home page
- ❖ Register page

❖ Login page

❖ Recipe page

5.1) Home page

Home page loads when someone opens the website. Home page contains title COOKit of the website and a little text about the website. This web page is designed in html and CSS. There is a background image that is static means it does not move when page is scrolled up and down. Keeping in view human Interaction home page is kept as simple as possible, the interface is kept easy. This page contains two buttons through which user register and login. Footer is also made in this page which allows user to get some information about the website. Footer contains the list of recipes that this website is presenting and also sign-up and login options plus copyrights.
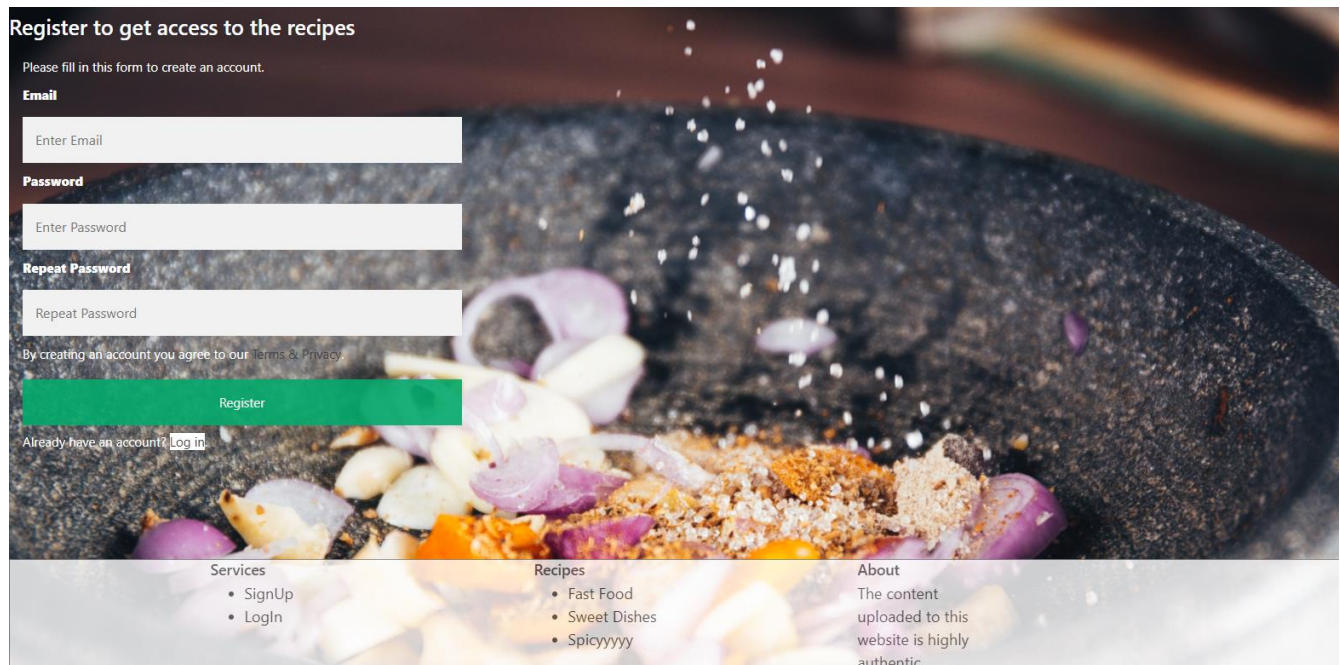

5.2) Register page

Register page contains a form which I made using bootstrap classes. There are three inputs that contains email, password and confirm password portion. After inserting the inputs user can click on the submit button. After clicking on the submit button users credentials are inserted into database and user is rendered to the recipe page. This page also contains footer and background image.

Register to get access to the recipes

Please fill in this form to create an account.

Email

Enter Email

Password

Enter Password

Repeat Password

Repeat Password

By creating an account you agree to our Terms & Privacy.

Register

Already have an account? Log in

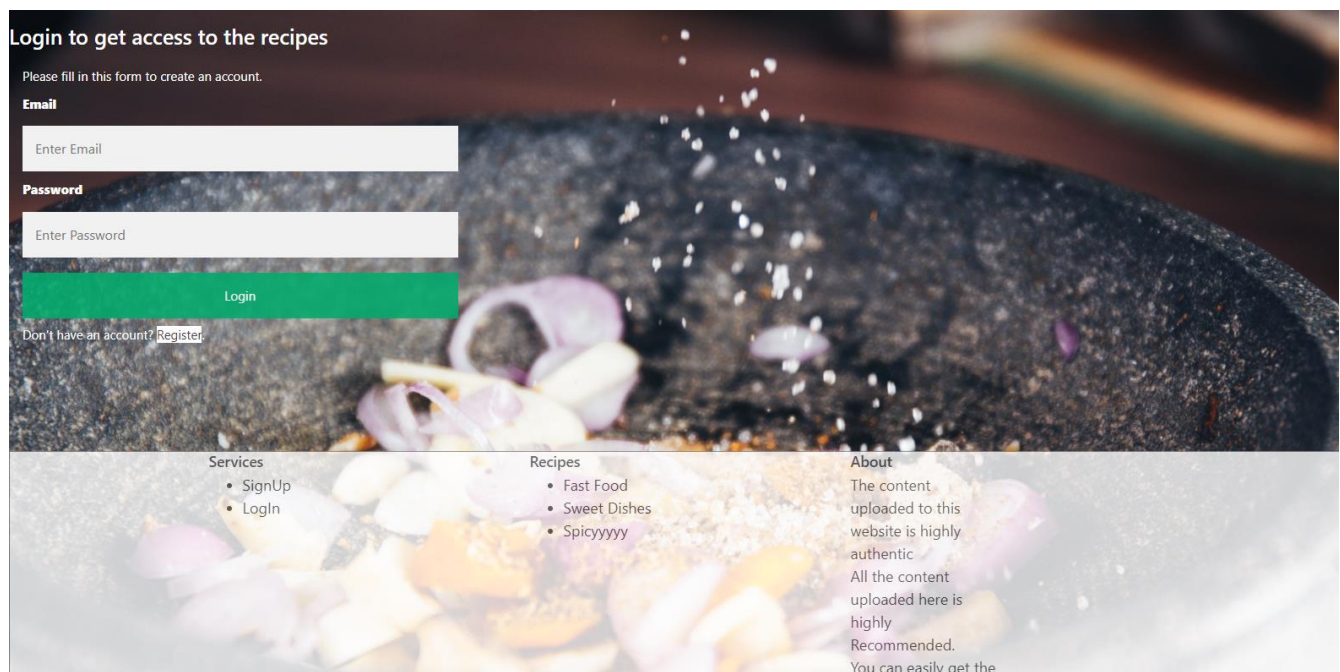| Services	Recipes	About
• SignUp	• Fast Food	The content
• LogIn	• Sweet Dishes	uploaded to this
	• Spicyyyyy	website is highly
		authentic

5.3) Login page

Log in page also contains the input fields which take user credentials and match these inputs which the data base entries. After logging in user jumps to the courses page and is allowed to choose the desired recipe. This page also contains image and footer.

Login to get access to the recipes

Please fill in this form to create an account.

Email

Enter Email

Password

Enter Password

Login

Don't have an account? Register

Services	Recipes	About
• SignUp	• Fast Food	The content
• LogIn	• Sweet Dishes	uploaded to this
	• Spicyyyyy	website is highly
		authentic
		All the content
		uploaded here is
		highly
		Recommended.
		You can easily get the

5.4) Recipes page

Recipes page contains 3 categories which contains 3 recipes Fast Food, Sweet Dishes and Spicy. By clicking each of them the user is directed to the respective page which contains the best recipes according to search.
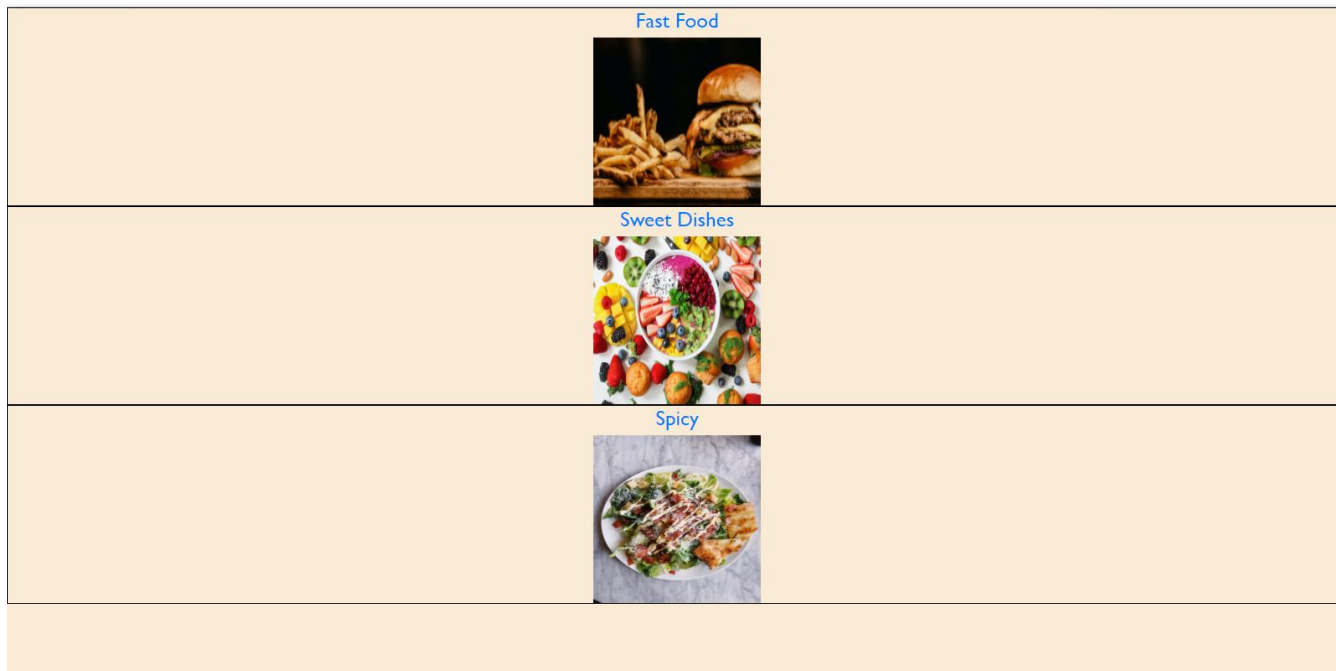
6) Style

Styleintro.css, recipy.css and styleregistration.css files are style sheets which are used to design these pages.

7) Back-End

Backend of this website is based on the flask framework. Python code is used to connect this website with data base. Here functions are made in order to send entries to the data base. Entries are taken from the register and login page and are sent to the database. Once the user credentials are entered in the data base after registration, the user can easily login through those credentials. Both the register and login functions contain SQL queries that are inserting and fetching credentials to and from the data base.

8) Database

In this project, MYSQL database is used which contains a database named cookit and 1 table named register contains three entries as credentials.

9) Conclusion

After completing project, I analyzed the work and realized that I have achieved the goal of providing best recipes to the users. I tried to solve the daily life issue and completed this project. This will help many users who want to learn cooking easily.

****