

Introduction

Rondhonsohoili is a cooking website that combines recipes, live classes, and a shop in one place. It's built for those who love cooking, exploring new dishes, and learning directly from chefs.

The site offers both traditional and modern recipes with step-by-step guides, photos, and reviews. Users can browse categories, save favorites, and share feedback.

A key feature is the Live Cooking Class, where users can book paid or free sessions. After registration and approval, they receive the class link. Each session is limited to 50 participants for better interaction.

The Shop offers official cookbooks written by the site's chefs. These books contain exclusive recipes and tips, available to order online.

Registered users can login, save recipes, join classes, post reviews, and manage their profile. The site updates based on login status to give a personalized experience.

In short, Rondhonsohoili is more than a recipe site — it's a complete cooking and learning platform.

OBJECTIVE

◆ Main Goals

- Build a platform for sharing authentic Bengali recipes.
- Enable users to book and join live cooking classes.
- Offer digital and physical cookbooks for purchase.

◆ Sub-Goals

- Implement a recipe rating and review system to build trust.
- Send automated confirmation emails for orders and class bookings.
- Ensure responsive design for all device sizes (mobile, tablet, desktop).

- Integrate secure user authentication and login system.
- Provide categorized recipe browsing (Traditional, Snacks, Drinks, etc.).
- Enable a cart and checkout system for cookbook purchases.
- Maintain consistent visual branding and theme throughout the site.

TOOLS AND TECHNOLOGIES USED

Frontend:

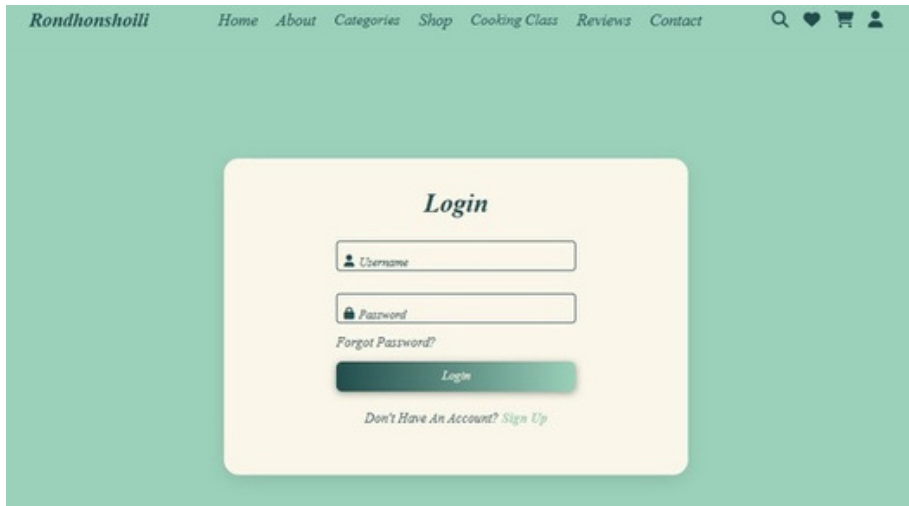
- ▶ HTML-structures the content of web pages.
- ▶ CSS-styles the layout with responsiveness.
- ▶ JavaScript-adds interactivity and dynamic behavior.
- ▶ IDE: visual-studio code

Backend:

- ▶ Django-Backend framework for building and managing website logic
- ▶ Lightweight development database managed via django superuser panel.

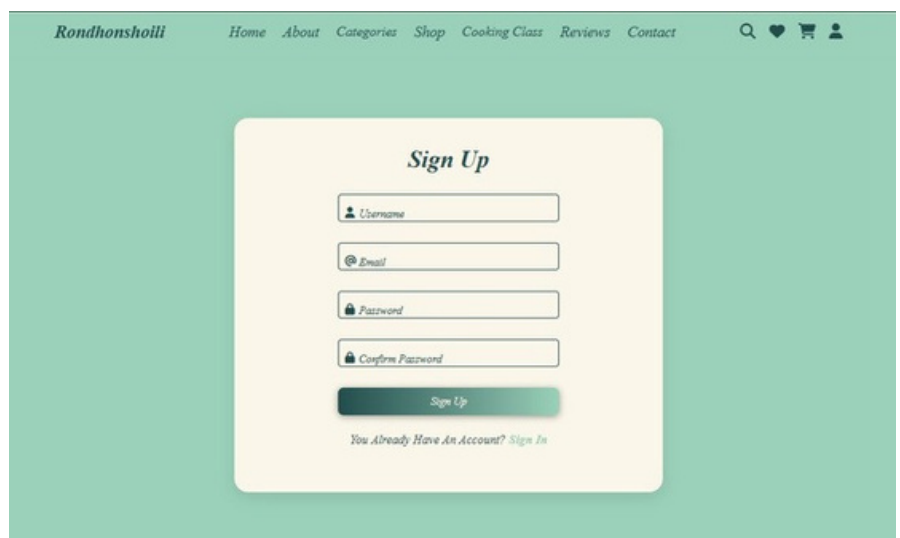
5. System Features and Database work

a. Login/Signup



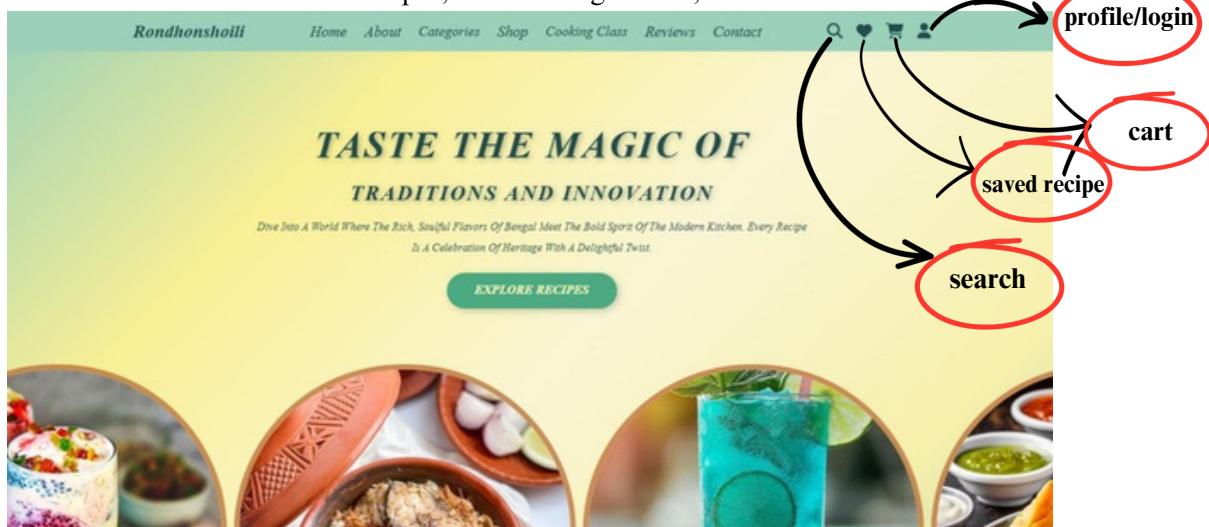
Login Page: Allows registered users to securely access their Rondhonsoili account using email and password, with redirection to the homepage upon successful login.

Sign Up Page: Enables new users to create an account by providing personal details, saving their info in the database, and redirecting them to login after registration.



b. Homepage

The main landing page of Rondhonsoili with navigation to recipe categories, contact, online shop, cart, saved recipes, live cooking classes, and user reviews.

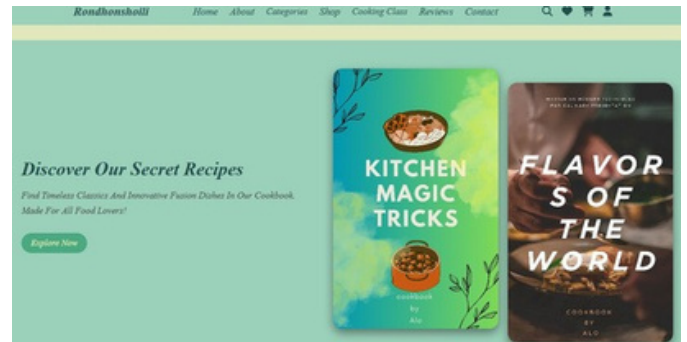


class booking options,
user reviews,
a way to contact our
page

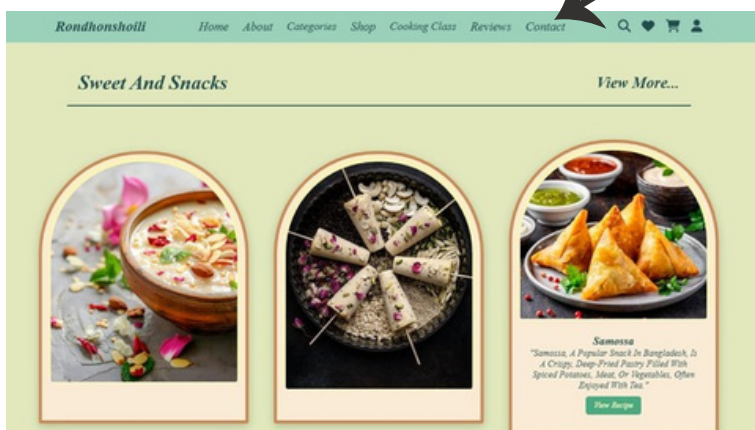
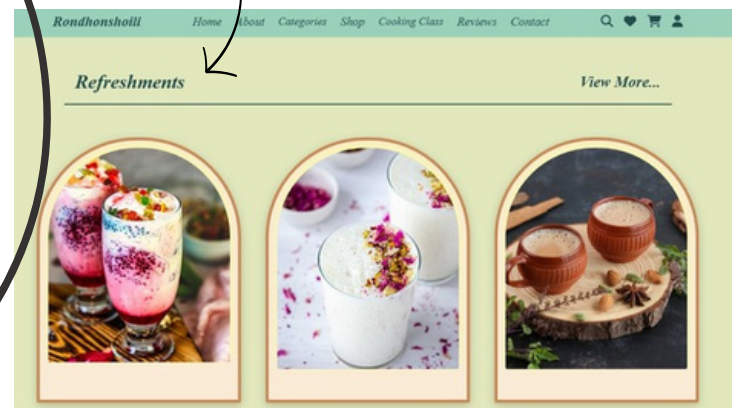
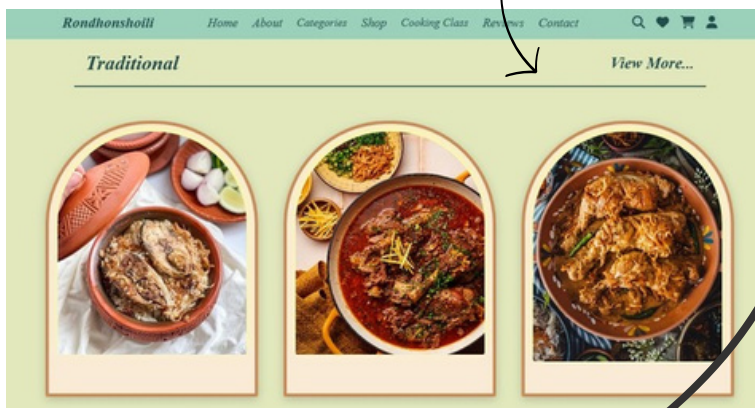


categories of recipes,
about ,
shop

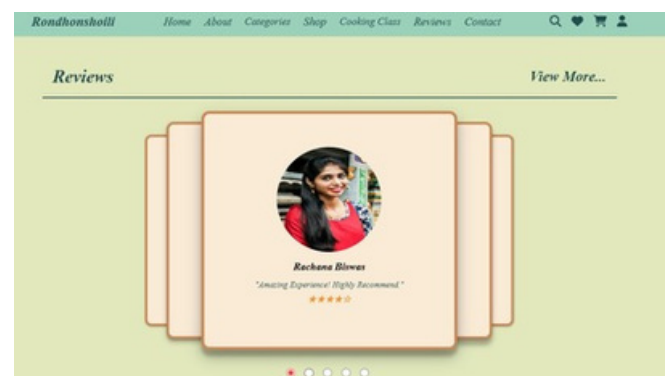
view of online cooking class and cooking books shop



View of three category recipes

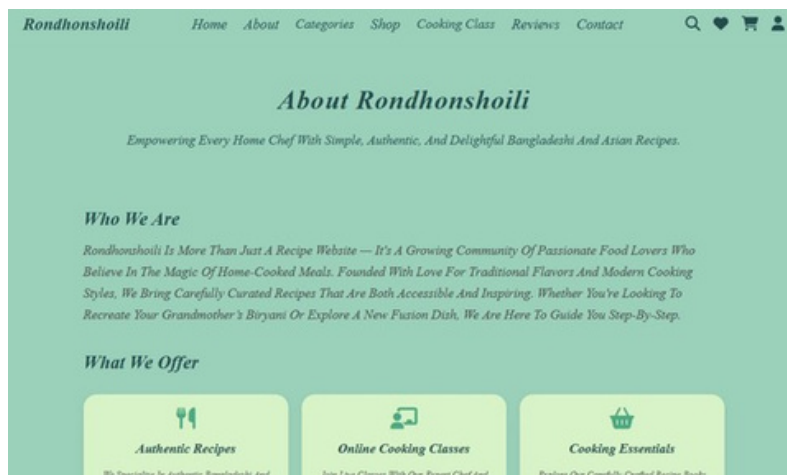


Users Reviews



A footer for my
website

c. About

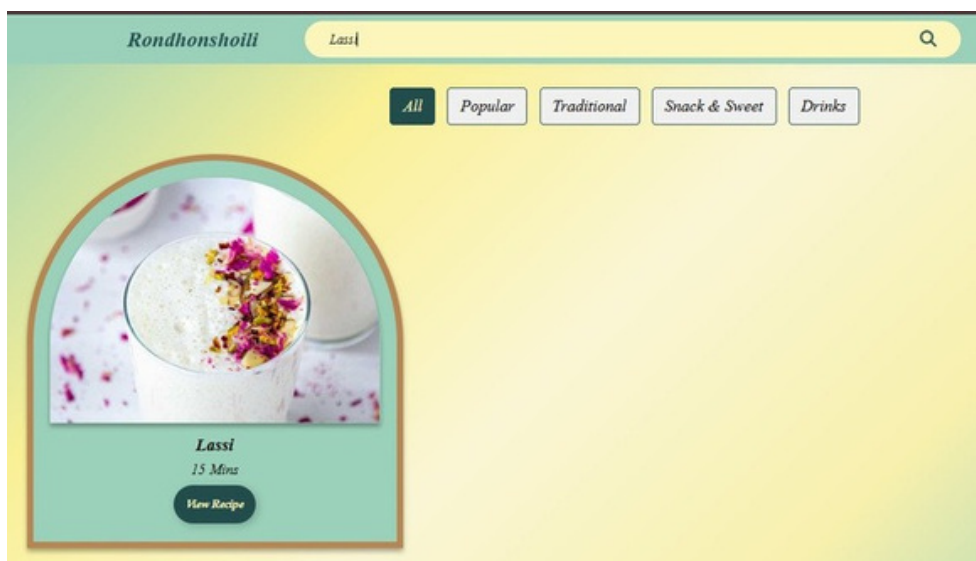
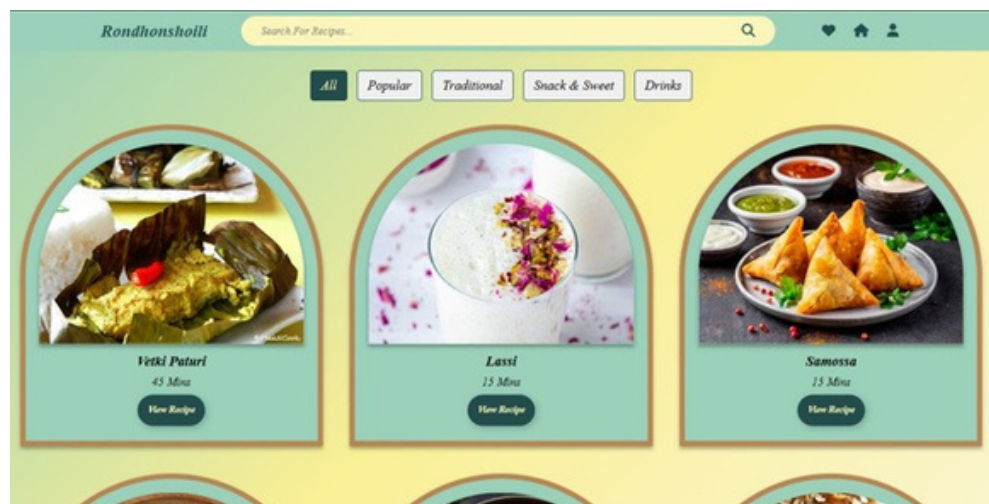


This page shares the story and purpose behind Rondhonsoili, highlighting its goal to bring authentic cooking experiences to food lovers.

It introduces the creators, explains the site's features like recipes, cooking classes, and community interaction, building trust with users.

d. Explore recipes

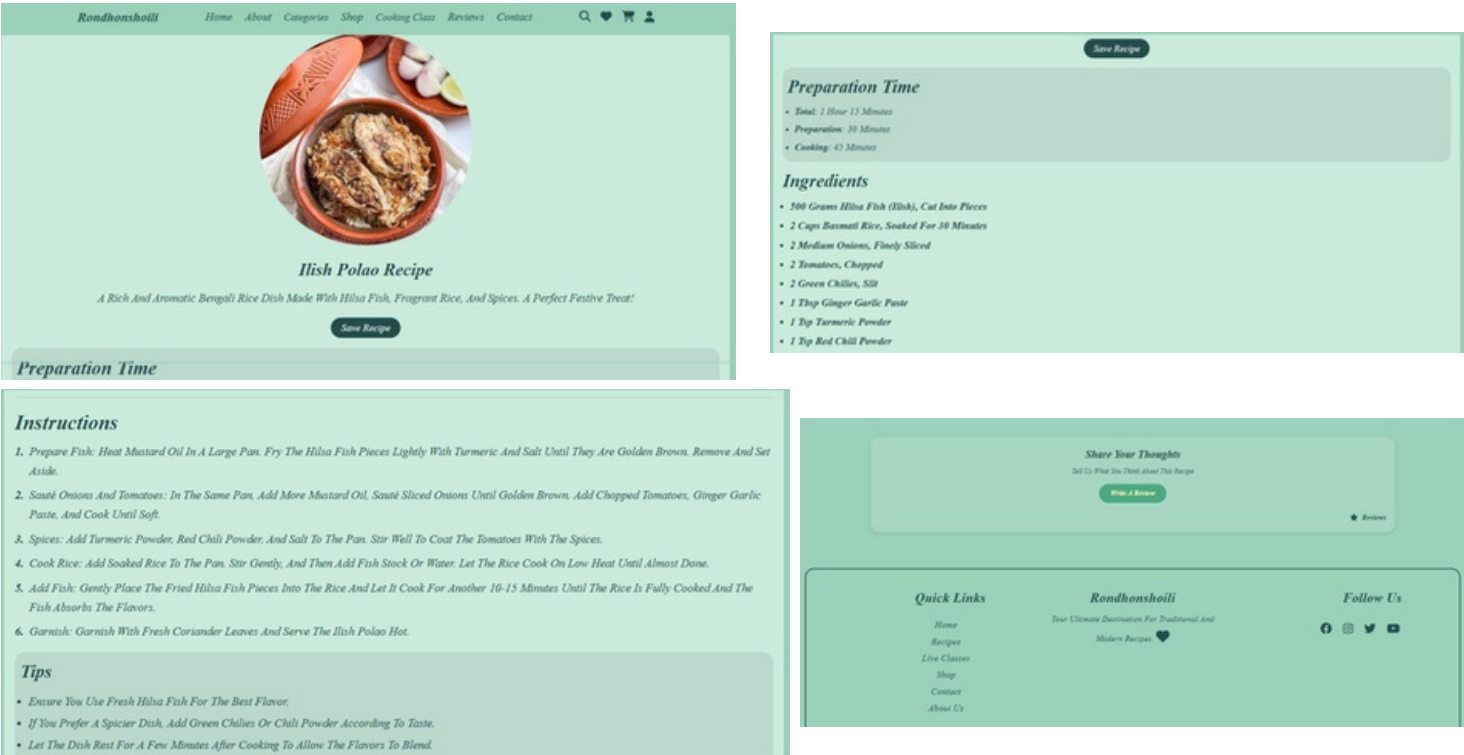
A collection of recipes categorized under tabs like Popular, Traditional, Snack & Sweet, and Drinks. Each recipe card displays a dish image, name, estimated cooking time, and a "View Recipe" button, providing users with an interactive and user-friendly experience. The top search bar and icons for cart, saved recipes, and profile enhance easy navigation.



From here users can search the recipe they want

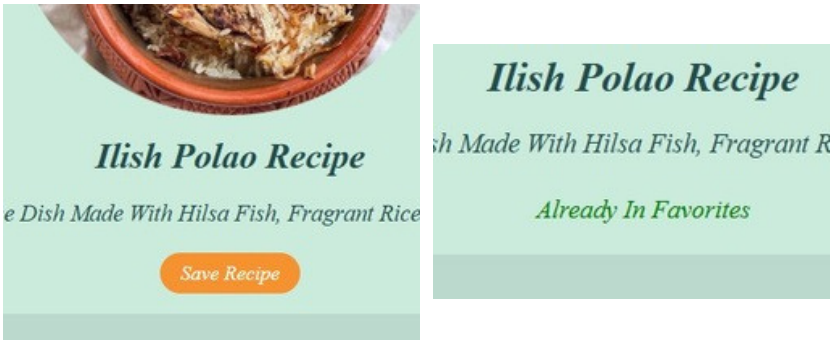
e. Recipes

All recipes of Rondhonsohili would view as this where all recipes preparation time, ingredients, instructions and tips will be given as well as has the option of recipe save and giving reviews if user is logged in.



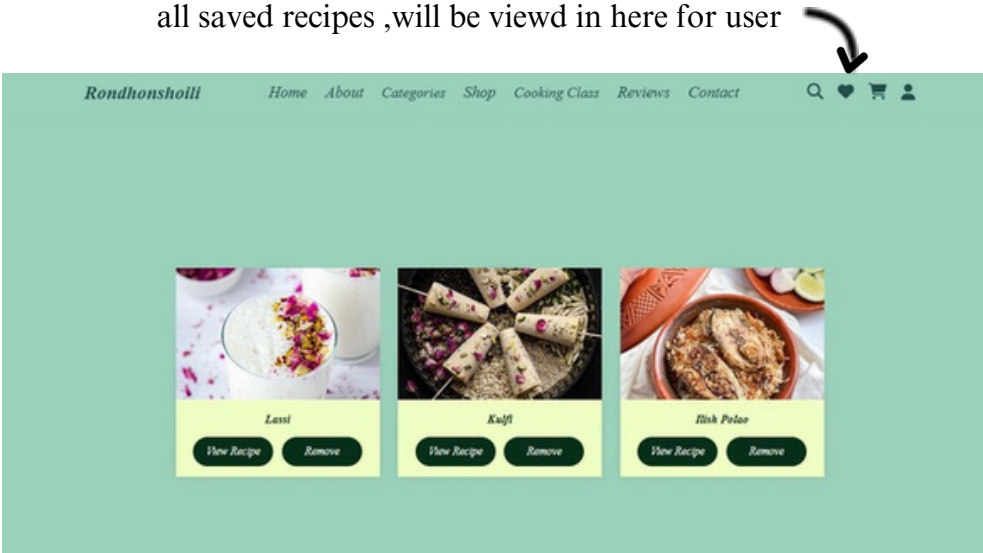
f. Saved recipes

in all recipes has save recipe button ,which is available for all logged in users to save their favourites



After saved ,would look like this

all saved recipes ,will be viewd in here for user



g. Review

The screenshot shows a green-themed review form titled "Share Your Thoughts" with the subtitle "Tell Us What You Think About This Recipe". At the top, there is a button labeled "Write A Review". Below this, the form includes a star rating section labeled "Rate This Recipe:" with five stars, where the first three are filled. There are two text input fields: the first contains the name "Lia" and the second contains the text "Good Recipe!!!!". At the bottom right of the form are "Cancel" and "Submit Review" buttons. A "★ Reviews" link is visible in the top right corner of the form area.

If user logged in , they can
their thoughts on recipe and
rate them

Then users review will be
saved and with users ,he can
see others users reviews in
here

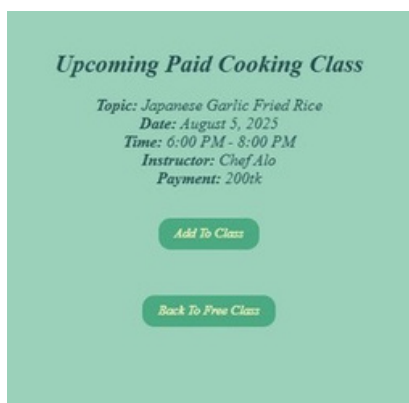


h. Cooking class

Our website provide online cooking classes ,where anyone with sign in can enter .it has 2 options Online free cooking class and Online paid cooking class

User can enter in free classes with register (email,contact number,email)

The image shows two parts of the website. On the left, a green banner for the "Next Free Cooking Class" provides details: Topic: Authentic Asian Cuisine (Thai Polan), Date: August 12, 2025, Time: 5:00 PM - 7:00 PM, and Instructor: Chef Alo. It includes buttons for "Add To Class" and "New Paid Class". On the right, a yellow "Course Registration" form has input fields for "Full Name", "Contact Number", and "Email Address". Below these fields is a note: "Zoom Class Link Will Be sent To This Email 1 Day Before The Class." and two buttons: "Enroll For Free" and "Back".



Course Registration

Full Name

Contact Number

Email Address

Zoom Class Link Will Be Sent To This Email 1 Day Before The Class.

Payment Instructions:

- Bkash: 01813551594
- Nagad: 01813551594
- Rocket: 01813551594

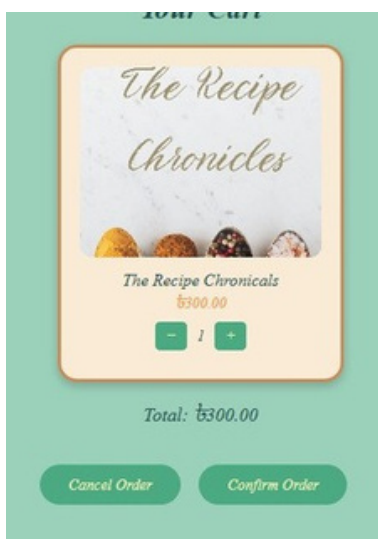
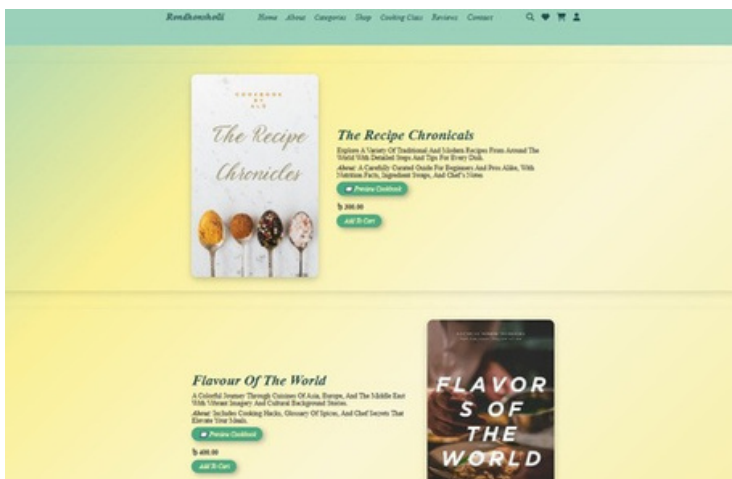
Transaction ID

[Submit Payment Info](#) [Back](#)

in paid version ,user need to fill the form and send the money to the any online transaction number given and must add the transaction id to register . upon submitting ,user will get an email from Rondhonshoili.

I. shop and cart

In shop user can see the cookbooks and can see details and book pre-view, then from add to cart button, will save the product in cart



Here user can increase or decrease the quantity and upon confirming order , user will be asked to give information for Cash on delivery process.

Total Payable: ₳ 600.00
Cash On Delivery

District
 Dhaka (₳60)

Select District
 Dhaka (₳60)

Outside Dhaka (₳110)

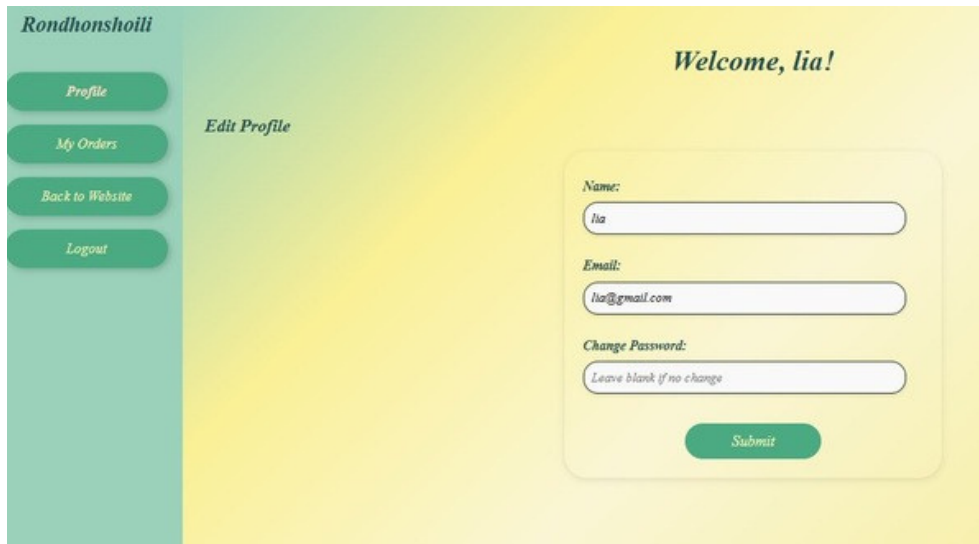
Phone Number
 0182873784

Address
 gulshan

Delivery Charge Will Be Included.
 After Submitting, You Will Receive A Confirmation Call.

[Confirm Order](#) [Back](#)

j. profile



The image shows a user profile page for 'Rondhonsoilli'. On the left is a sidebar with buttons: 'Profile', 'My Orders', 'Back to Website', and 'Logout'. The main area is titled 'Welcome, lia!' and 'Edit Profile'. It contains a form with three input fields: 'Name:' with the value 'lia', 'Email:' with the value 'lia@gmail.com', and 'Change Password:' with the placeholder text 'Leave blank if no change'. A green 'Submit' button is at the bottom of the form.

In profile ,user can edit their name ,email and password and then can see their orders or just can go back to homepage or just can logout.

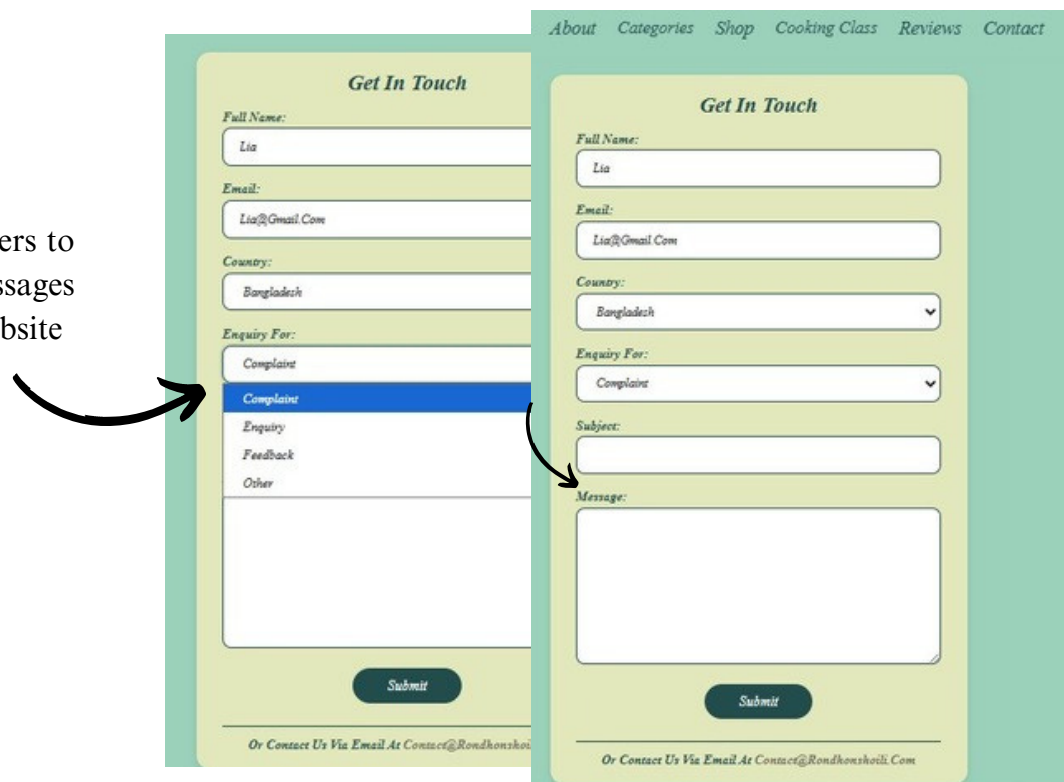
In order , user can see what they ordered ,in which quantity and price , with the date.



The image shows a 'Your Orders' page. The sidebar on the left has buttons: 'Profile', 'My Orders' (highlighted in orange), 'Back to Website', and 'Logout'. The main area is titled 'Welcome, lia!' and 'Your Orders'. It displays two order entries. Each entry has a red 'Order' header, a total amount, an order date, and a list of items with quantities and prices. The first order is for 'The recipe chronicals' with a quantity of 1 and a price of \$300.00, ordered on Aug. 6, 2025, at 7:25 p.m. The second order is for 'The recipe chronicals' with a quantity of 2 and a price of \$300.00, ordered on Aug. 7, 2025, at 7:45 a.m.

k. contact

Contact is for users to convey their messages regarding our website



The image shows a 'Get In Touch' contact form. The sidebar on the left has buttons: 'Profile', 'My Orders', 'Back to Website', and 'Logout'. The main area is titled 'Get In Touch' and contains a form with five input fields: 'Full Name:' with the value 'Lia', 'Email:' with the value 'Lia@gmail.com', 'Country:' with the value 'Bangladesh', 'Enquiry For:' with the value 'Complaint', and 'Subject:' with the value 'Complaint'. A large text area for 'Message:' is at the bottom. A green 'Submit' button is at the bottom of the form. An arrow points from the text 'Contact is for users to convey their messages regarding our website' to the 'Enquiry For:' dropdown menu.

Database Work:

a)classes:

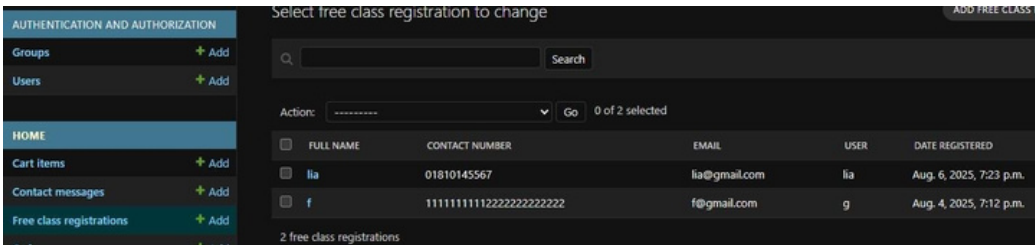
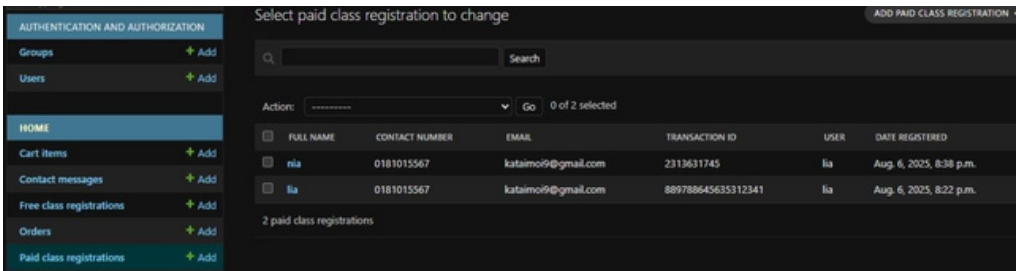
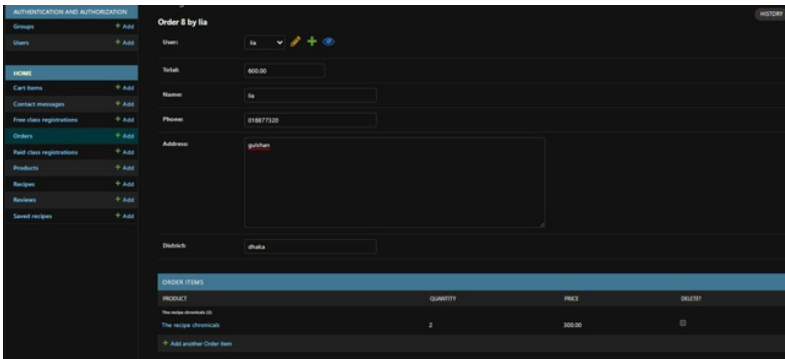


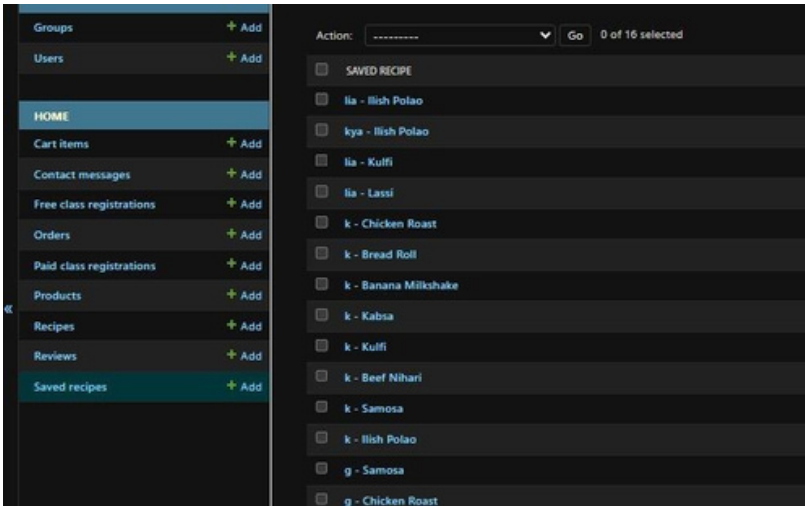
Fig:freeclass registration



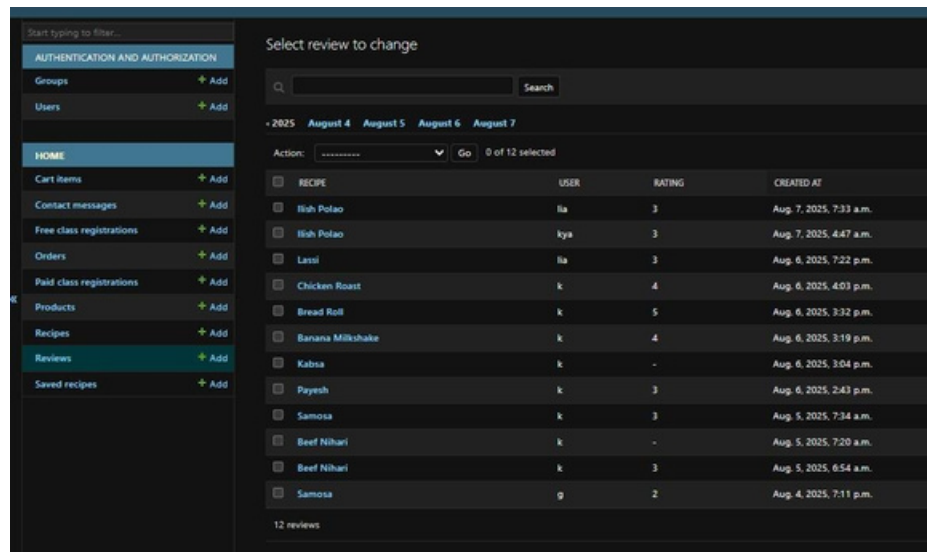
b)orders



c)saved recipes



d)reviews



The screenshot shows a web application interface. On the left is a sidebar with a search bar and navigation links. The main content area is titled 'Select review to change' and displays a table of reviews.

Navigation Links:

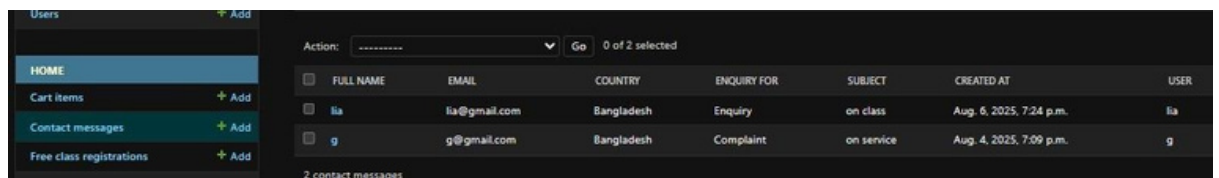
- Start typing to filter...
- AUTHENTICATION AND AUTHORIZATION
 - Groups + Add
 - Users + Add
- HOME
 - Cart items + Add
 - Contact messages + Add
 - Free class registrations + Add
 - Orders + Add
 - Paid class registrations + Add
 - Products + Add
 - Recipes + Add
 - Reviews + Add
 - Saved recipes + Add

Table: Select review to change

RECIPE	USER	RATING	CREATED AT
<input type="checkbox"/> Iish Polao	lia	3	Aug. 7, 2025, 7:33 a.m.
<input type="checkbox"/> Iish Polao	kya	3	Aug. 7, 2025, 4:47 a.m.
<input type="checkbox"/> Lassi	lia	3	Aug. 6, 2025, 7:22 p.m.
<input type="checkbox"/> Chicken Roast	k	4	Aug. 6, 2025, 4:03 p.m.
<input type="checkbox"/> Bread Roll	k	5	Aug. 6, 2025, 3:32 p.m.
<input type="checkbox"/> Banana Milkshake	k	4	Aug. 6, 2025, 3:19 p.m.
<input type="checkbox"/> Kabsa	k	-	Aug. 6, 2025, 3:04 p.m.
<input type="checkbox"/> Payesh	k	3	Aug. 6, 2025, 2:43 p.m.
<input type="checkbox"/> Samosa	k	3	Aug. 5, 2025, 7:34 a.m.
<input type="checkbox"/> Beef Nihari	k	-	Aug. 5, 2025, 7:20 a.m.
<input type="checkbox"/> Beef Nihari	k	3	Aug. 5, 2025, 6:54 a.m.
<input type="checkbox"/> Samosa	g	2	Aug. 4, 2025, 7:11 p.m.

12 reviews

e)contact message



The screenshot shows a web application interface. On the left is a sidebar with a search bar and navigation links. The main content area is titled 'Select review to change' and displays a table of contact messages.

Navigation Links:

- Users + Add
- HOME
 - Cart items + Add
 - Contact messages + Add
 - Free class registrations + Add

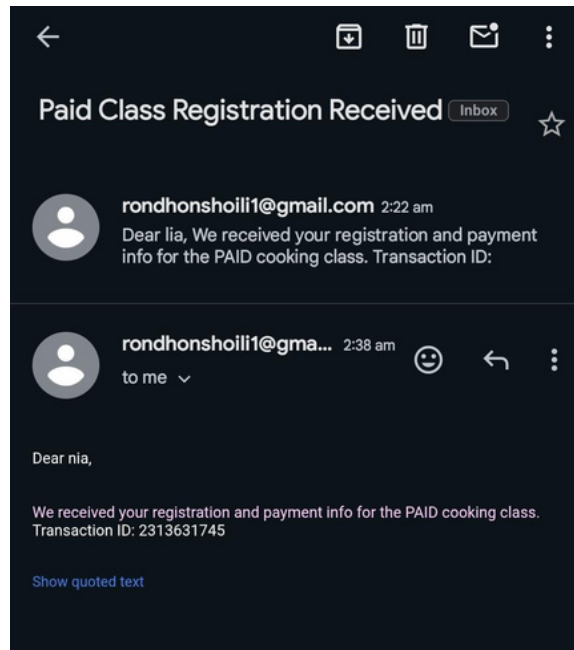
Table: Select review to change

FULL NAME	EMAIL	COUNTRY	ENQUIRY FOR	SUBJECT	CREATED AT	USER
<input type="checkbox"/> lia	lia@gmail.com	Bangladesh	Enquiry	on class	Aug. 6, 2025, 7:24 p.m.	lia
<input type="checkbox"/> g	g@gmail.com	Bangladesh	Complaint	on service	Aug. 4, 2025, 7:09 p.m.	g

2 contact messages

f)automatic email sent after buying paid class

```
EMAIL_BACKEND = 'django.core.mail.backends.smtp.EmailBackend'
EMAIL_HOST = 'smtp.gmail.com'
EMAIL_PORT = 587
EMAIL_USE_TLS = True
EMAIL_HOST_USER = 'rondhonshoili1@gmail.com'
```



Challenges Faced Login System

Login System:

Integrating Django authentication with proper redirection and session handling was tricky at first.

Email Automation:

Setting up SMTP and designing email templates for account and order notifications took effort.

Recipe loading :

when we connected to database some of our recipe pages didn't work and also our slug of recipe still doesn't work.

Cart System:

Building a working cart with item updates and session management was a technical challenge.

Database Setup:

Structuring models for users, books, recipes, and orders required careful planning.

Frontend-Backend Link:

Connecting HTML forms with Django views and handling CSRF tokens took time to debug.

06. FUTURE SCOPES

Online Payment Integration:

Add secure online payment gateways (like bKash, Nagad, or card payment) for smoother book purchases and class bookings.

Mobile App Version:

Develop a mobile app for better accessibility and user experience on smartphones.

Live Class Features:

Implement real-time video class hosting with scheduling, reminders, and feedback options.

Recipe Upload by Users:

Allow registered users to submit their own traditional recipes, promoting community contribution.

Multilingual Support:

Add support for Bangla and English to reach a wider audience, especially for global users.

Advanced Search & Filters:

Improve recipe and book search using category filters, ratings, and tags.

Admin Dashboard Upgrade:

Create a full-featured admin panel for managing users, orders, recipes, and live classes easily.

07. CONCLUSION

The Rondhonshoili project successfully showcases how traditional Bengali cooking can be preserved and promoted through a modern digital platform. From recipe sharing and live class bookings to selling cookbooks online, the website integrates multiple useful features in one place. Despite facing technical challenges like authentication, email setup, and cart management, the project has been completed with full functionality and a user-friendly design. This platform has the potential to grow further and become a valuable resource for food enthusiasts, especially the younger generation seeking to reconnect with their roots.