

Food Tracker Project

Project Objective:

1. **Log in** using a Login ID stored in a Google Sheet
2. **Book food** for the next day (Breakfast, Lunch, Dinner)
3. **Track wallet balance** based on bookings
4. **View past bookings**
5. **Log out safely**

How to Use This Project

1. Create a folder for your project and add all these files.
2. Open [Link](#) in a browser to start the application.
3. Try logging in with one of the test IDs from the database (e.g., "ST001", "TC002").
4. The system will only allow login between 8 AM to 12 PM IST.
5. After login, you can book food (before 12 PM for the next day).
6. View your tickets and wallet balance in the respective tabs.
7. Wallet balance updates automatically based on bookings.
8. On the last day of the month after 4 PM, you'll see a payment reminder.
9. Wallet resets to 0 on the 1st of each month.

Features Implemented

1. Mobile-responsive design
2. Login validation with mock database
3. Time-based restrictions (8 AM - 12 PM for login, before 12 PM for booking)
4. Food booking form with validation
5. Ticket generation and history
6. Wallet system with automatic balance calculation
7. Monthly wallet reset
8. Logout functionality

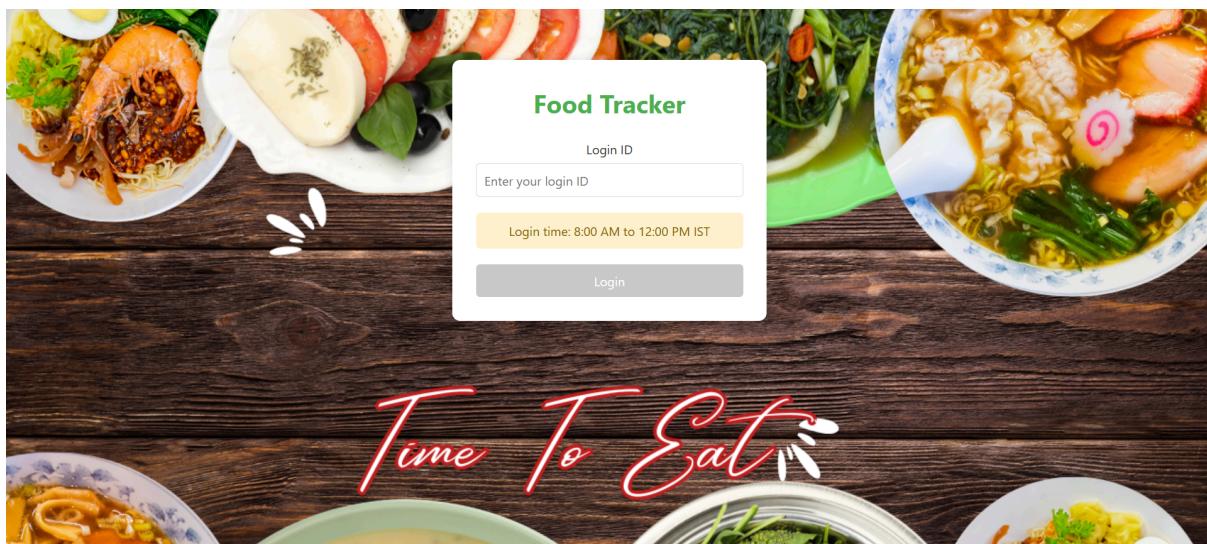
Key Improvements:

1. **Individual Wallet Balances:** Each user now has their own wallet balance stored in the spreadsheet
2. **Transaction History:** Detailed record of all wallet transactions
3. **Monthly Processing:**
 - Last day of month after 4 PM: Flags balances for payment
 - First day of month: Resets balances and carries forward last month's balance
4. **Payment Tracking:** Tracks whether last month's balance was paid
5. **Balance Security:** Balances are maintained server-side to prevent tampering

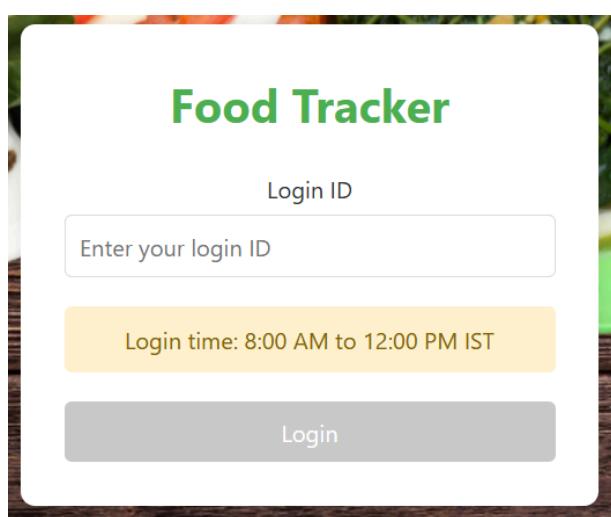
Food Tracker Project - User & Technical Manual

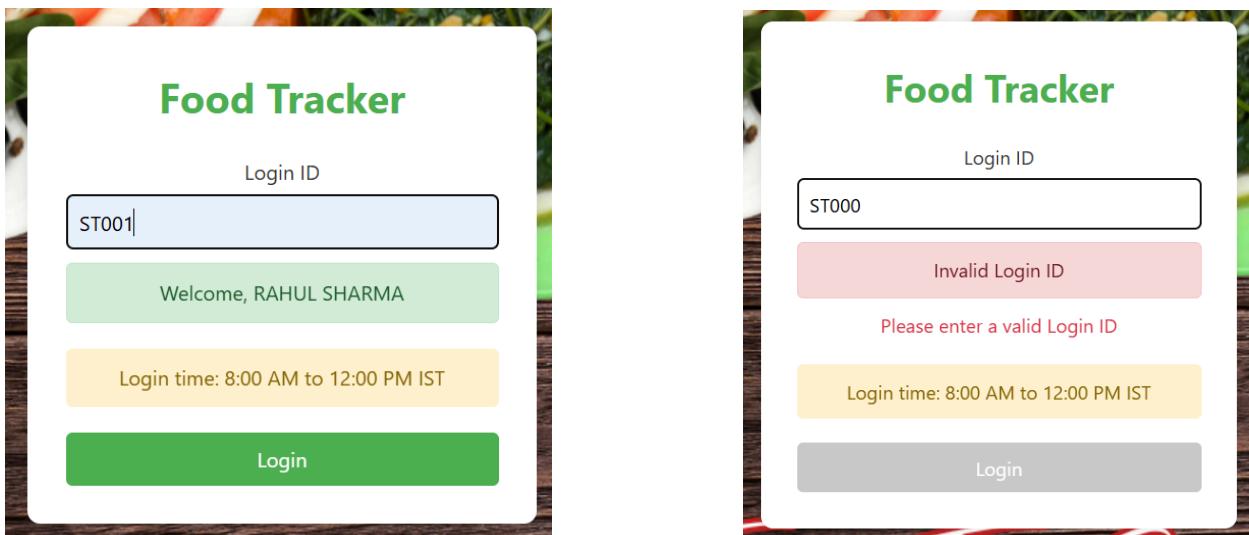
Link : <https://saikatsaha832705.github.io/Food-Tracker/>

1. Open the Food Tracker website.



2. Enter your **Login ID** (provided by admin).
 - Valid IDs turn the input **green** and display your name.
 - Invalid IDs turn **red** with an error message.
3. Click **Login** (only works between **8 AM–12 PM IST**).





4.2 Booking Meals

1. Navigate to **Booking Food** (default tab).
2. Fill the form:
 - **Occupation:** Select your role (Student/Teacher/Staff).
 - **Name:** Auto-filled in ALL CAPS.
 - **Food Time:** Breakfast (+15 INR), Lunch/Dinner (+75 INR).
 - **Food Type:** Veg/Non-Veg.
 - **Date:** Auto-set to tomorrow (editable only before 12 PM).
3. Click **Submit** → Shows success animation.

Booking Food

My Tickets Wallet Log Out

RAHUL SHARMA

Book Your Food

Occupation
Select Occupation

Name
RAHUL SHARMA

Food Time
Select Food Time

Food Type
Select Food Type

Date
14-04-2025

Submit

4.3 Viewing Tickets

1. Go to **My Tickets** tab.
2. View your booking history:
 - Ticket ID, Food Type, Booking Time, etc.

The screenshot shows a user profile for 'RAHUL SHARMA'. Under the 'My Tickets' tab, there are three entries:

- Breakfast**: Booked On: 13/04/2025, 08:26:23; Food Type: Veg; Ticket ID: T1744512983812; Date: 2025-04-14
- Lunch**: Booked On: 13/04/2025, 08:27:43; Food Type: Non-Veg; Ticket ID: T1744513063666; Date: 2025-04-14
- Lunch**: Booked On: 13/04/2025, 08:54:44; Food Type: Non-Veg; Ticket ID: T1744514684898; Date: 2025-04-14

4.4 Wallet Management

1. Navigate to **Wallet** tab.
2. **Balance** updates automatically:
 - Breakfast: +15 INR
 - Lunch/Dinner: +75 INR
3. **Monthly Reminders**:
 - Last day of month (after 4 PM): Payment due alert.
 - 1st of month: Balance resets to 0.

The screenshot shows a user profile for 'RAHUL SHARMA'. Under the 'Wallet' tab, it displays the following information:

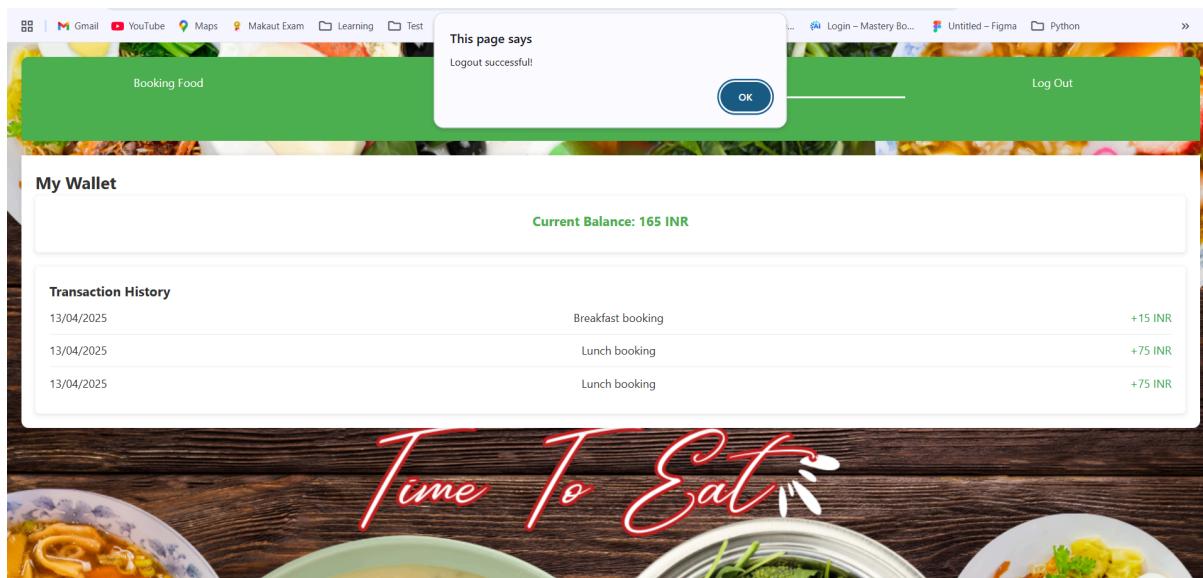
Current Balance: 165 INR

Transaction History

Date	Description	Amount
13/04/2025	Breakfast booking	+15 INR
13/04/2025	Lunch booking	+75 INR
13/04/2025	Lunch booking	+75 INR

4.5 Logout

1. Click **Log Out**.
2. Confirmation appears → Tab closes automatically.



FAQs

Q: Can I book for multiple days?

A: No, only for the next day (before 12 PM cutoff).

Q: What happens if I miss the payment deadline?

A: The system shows a persistent reminder until paid.

Q: How do I report a bug?

A: Contact your admin with the Ticket ID and error details.

Demo Login ID

Login ID	Name
ST001	RAHUL SHARMA
ST002	PRIYA PATEL
ST003	AMIT KUMAR