**7. User Manual**

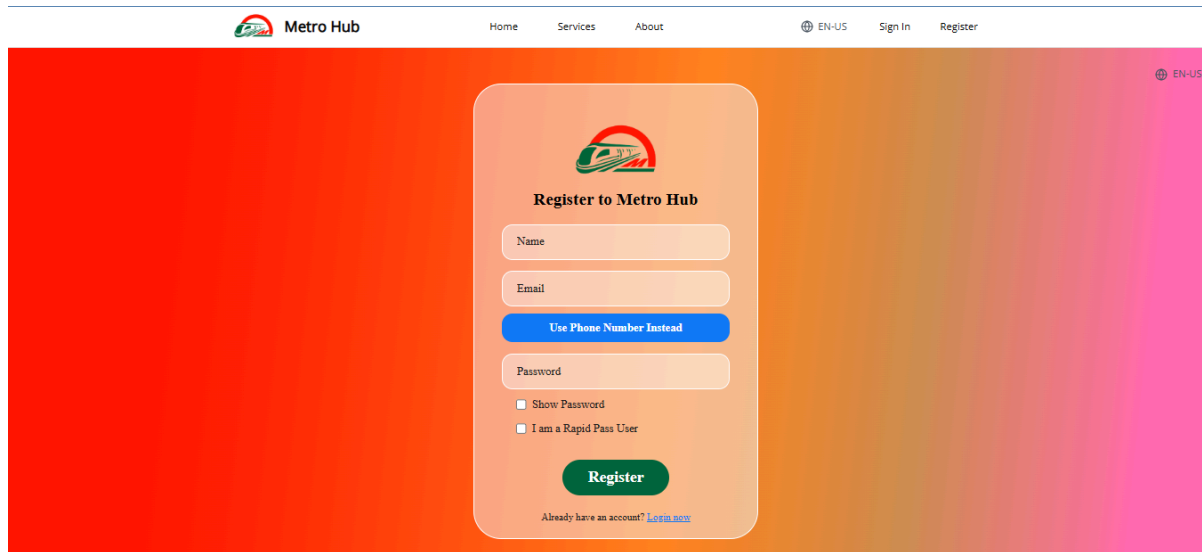1. **The first page:**
   - **Start at the Top:** Head to the navigation bar and choose "Home," "Services," or "About." Switch language to EN-US, or click "Sign In" or "Register" to get started.
   - **Explore the Main Section:** Focus on the headline "Your Metro Journey Made Simple" for an overview. Read the description for real-time schedules, instant ticket booking, and location-based services.
   - **Take Action:** Click the "Get Started Now" button to begin using the platform.
   - **Check Features:** Glance at the bottom icons for quick access to real-time updates, instant booking, and location-based tools, with the metro train image on the right for context.
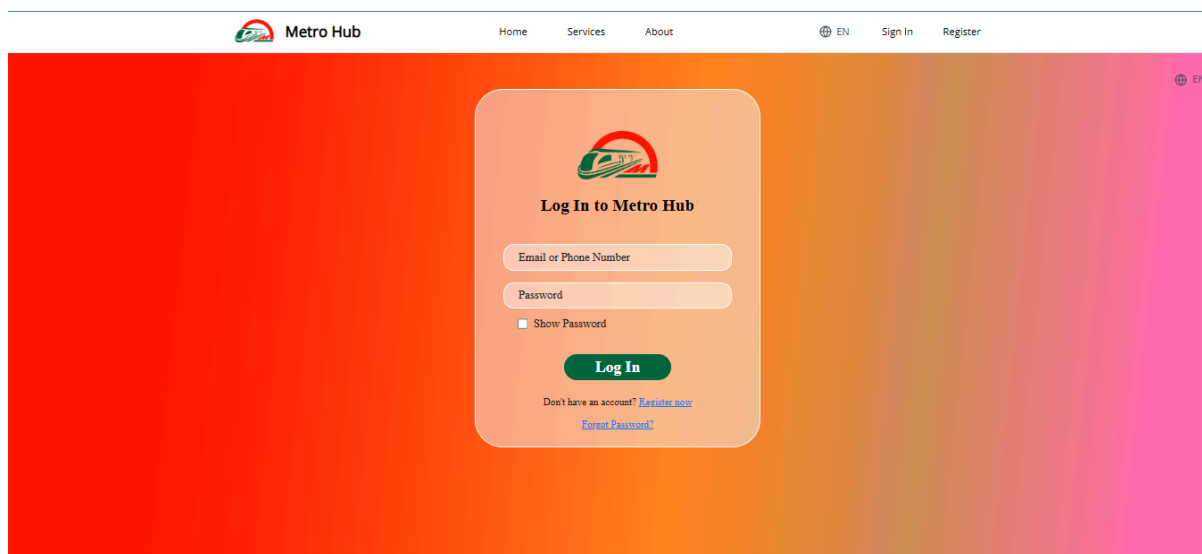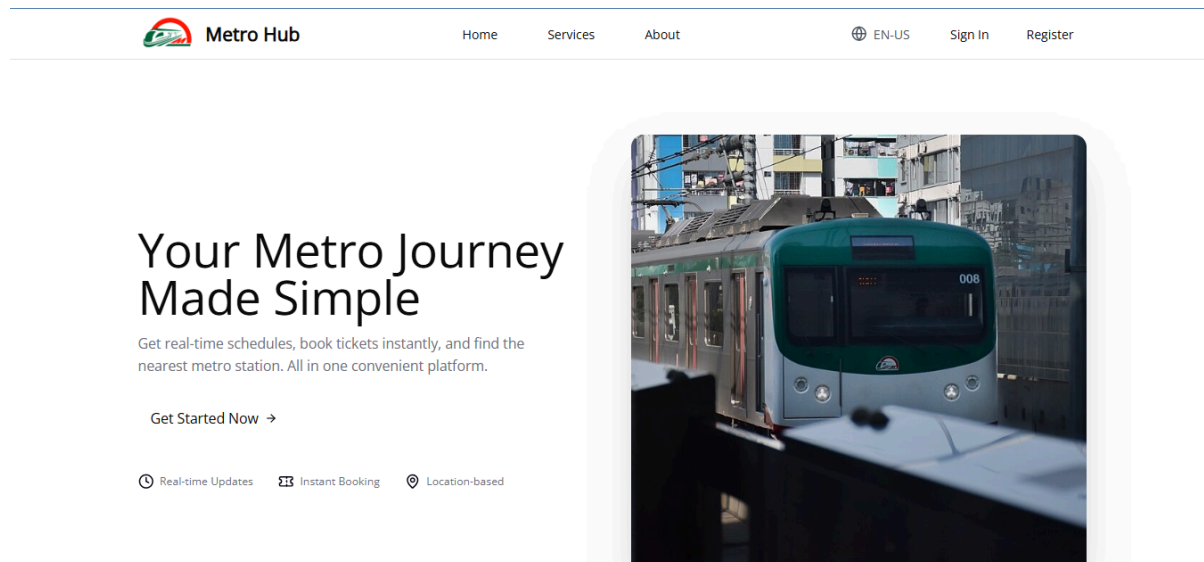

2. **If the User clicks on register:**
   - **Access the Registration Form:** Focus on the "Register to Metro Hub" section.
   - **Enter Details:** Input your "Name," "Email," and "Password" in the respective fields. Click "Use Phone Number Instead" if preferred to switch to phone-based registration.
   - **Additional Options:** Check "Show Password" to view your password or select "I am a Rapid Pass User" if applicable.
   - **Submit Registration:** Click the green "Register" button to create your account. If you already have an account, click "Login now" to sign in.

3. **If the user already registered:**
   - **Access the Login Interface**: Direct your attention to the central "Log In to Metro Hub" section, distinguished by the Metro Hub logo against a vibrant gradient backdrop.
   - **Input Credentials:** Enter your "Email or Phone Number" and "Password" into the designated fields. Activate the "Show Password" checkbox to reveal your password for verification.
   - **Execute Login:** Depress the green "Log In" button to authenticate your session. Should you encounter difficulties, click "Forgot Password?" to initiate recovery, or select "Register now" if you lack an account to establish one.


4. **After logging in:**
   - **Welcome Dashboard:** Focus on the "Welcome back, Ratul!" greeting, which personalizes your experience, accompanied by the prompt "Where are we heading

today?"
- **Plan Your Journey:** Select "Book New Trip" to start a new reservation, "Live Schedules" for real-time updates, or "Find Stations" to locate metro stops.
- **Review Account Details:** Check "Trips This Month" (currently 5), "Rapid Pass Balance" (N/A), and "Due Fines" (¥100.00) to manage your account status.
- **Visual Context:** Observe the station image on the right for an immersive view of the metro environment.
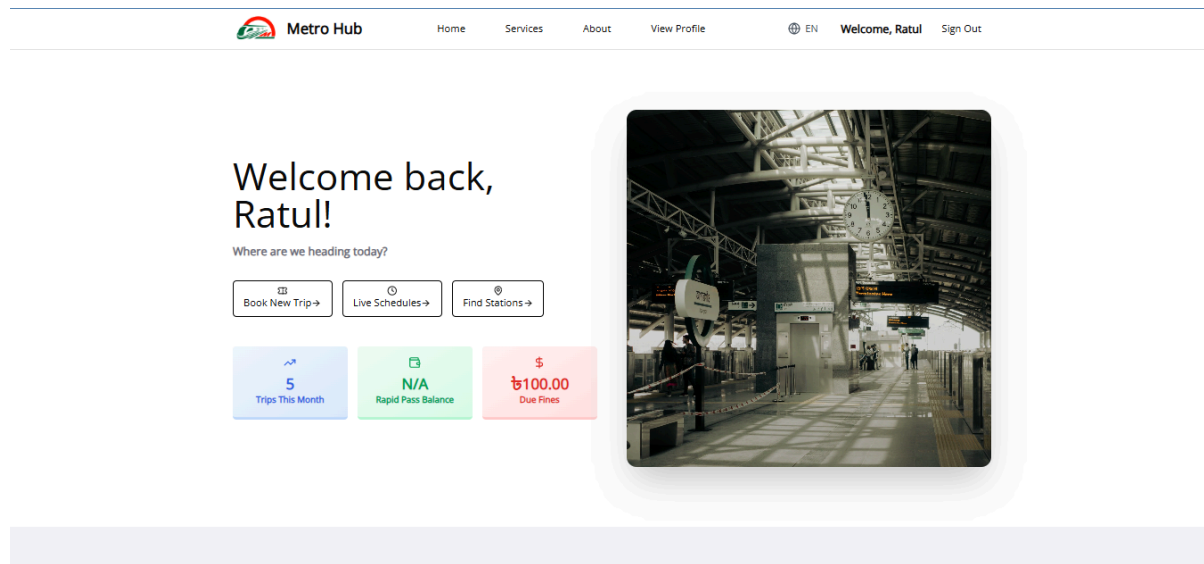
5. **If the user chooses book your ticket:**
- **Select Route:** Under "Select Your Route," for an example choose "Uttara Center Metro Station" as the "From" location and "Kazipara Metro Station" as the "To" destination from the dropdown menus.
- **Review Schedules:** Scroll to "Available Schedules" to pick a time, such as "06:09 → 06:24, 15 Minutes" (Capital Commuter 103) or "06:03 → 06:18, 15 Minutes" (Turag Runner 102), and select your preferred option.
- **Check Summary:** Review the "Journey Summary" for the route (Uttara Center Metro Station to Kazipara Metro Station via Capital Commuter 103) and departure/arrival times (06:09 to 06:24).
- **Confirm Fare:** Note the "Total Fare" of ¥75 and proceed to "Choose Payment Method" to select your payment option. If you are a rapid pass user you can pay from your deposit no need to choose payment gateway.
- **Finalize Payment:** Click the "Proceed to Payment" button to complete the 75tk transaction securely via Credit/Debit Card, Mobile Banking, or bKash/Nagad.

Book Your Ticket

Select your route and travel easily with Dhaka Metro Rail

◉ Select Your Route

From:
| Uttara North Metro Station ▾ |

To:
| Mirpur 10 Metro Station ▾ |

🕐 Available Schedules

🚆 **Capital Commuter 103**
06:06 → 06:21 · 15 Minutes
৳75 ⊘

🚆 **Turag Runner 102**
06:00 → 06:15 · 15 Minutes
৳75 ⊘

⊘ Journey Summary

| Route | Uttara North Metro Station ⋯→ Mirpur 10 Metro Station | Departure: | 06:06 |
| Train: | Capital Commuter 103 | Arrival: | 06:21 |

Total Fare ৳75

🖃 Choose Payment Method
Select how you want to pay for your journey

Payment Gateway
Credit/Debit Card, Mobile Banking, bKash, Nagad
⊘ Selected

Rapid Pass Balance
Pay instantly from your wallet
৳300.00 Available

🖃 Proceed to Payment - ৳75

6. **If the user chooses Find station:**
   - **Enter Metro Map:** Navigate to the "Metro Map" section, where the prompt "Explore the metro network and plan your routes" introduces the interface.
   - **Locate a Station:** Click "Find Nearby Station" to identify stations close to your current location, marked by a red pin at 23°48'37.1"N 90°24'45.0"E (RC-674-26 Dhaka). A pop-up provides "Directions" and "View larger map" options.
   - **Search Options:** Use the "Enter destination" field to input a specific location, then click "Search" or "Go to location" to explore, with the map displaying key stations and landmarks like Uttara, Mirpur, and Old Dhaka.

Metro Map
Explore the metro network and plan your routes.
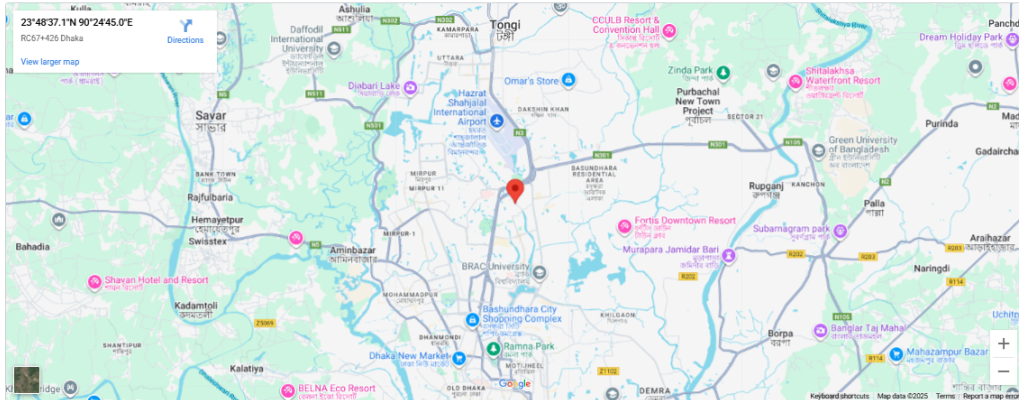
7. **If the user chooses View schedules:**
   - **Enter Search Criteria:** Navigate to the "Search Schedules" section, where the prompt "Find your metro schedules and plan your journey easily" guides you. For example, select "Uttara North Metro Station" from the "Station" dropdown and set the "Time" to 06:00 AM, then click "Search Schedules."
   - **Review Available Schedules:** Explore the "Available Schedules" section, which displays details for the selected station, including: From: Uttara North Metro Station To: Uttara Center Metro Station Departure Time: 06:00 Arrival Time: 06:03 Fare: 15tk Frequency: 7

8. **If the user selects view profile:**
   - **View Personal Details:** Navigate to the "User Profile" section, where you can review and edit your information like for this user: "Ratul" (name), "ratulmusfiq99@gmail.com" (email), "+880199133447" (phone), "New Password" (leave blank to keep current), and "Preferred Routes"

(comma-separated).
- **Update Information:** Click the "Update Profile" button to save any changes to your details.
- **Manage Rapid Pass:** Scroll to the "Rapid Pass" section. Enter a "Rapid Pass ID" if applicable, or click "Become a Rapid Pass User" to register. Check your "Current Balance: 0.00tk" and "Current Fines: 100.00tk."
- **Add Funds:** Input a "Deposit Amount" and click the "Deposit" button to add funds to your account.

9. **For every user, they can see this booking history after logging:**
   - **Access History:** Start at the top navigation bar and select "Home," "Services," "About," or "View Profile." Adjust language to EN, or click "Sign Out" to exit. Note the "Welcome, Ratul" greeting.
   - **View Booking History:** Navigate to the "Booking History" section, where the prompt "You can view your 30 most recent booking history, here" introduces your past transactions.

Booking History

You can view your 30 most recent booking history, here

Ticket ID: 68be4182772f8b42b48a857b
Train: Capital Commuter 103
From: Mirpur 11 Metro Station
To: Mirpur 10 Metro Station
Departure: 06:18
Arrival: 06:21
Fare: 30 BDT
Status paid

Ticket ID: 68bde6798fc440d061d02698
Train: Capital Commuter 103
From: Uttara North Metro Station
To: Uttara Center Metro Station
Departure: 06:06
Arrival: 06:09
Fare: 30 BDT
Status paid

Ticket ID: 68bdb20a4bf04c8ad7896c86
Train: Capital Commuter 103
From: Uttara North Metro Station
To: Uttara Center Metro Station
Departure: 06:06
Arrival: 06:09
Fare: 30 BDT
Status paid

10. This is the admin dashboard:

- **Access Dashboard:** Start at the top navigation bar and select "Dashboard," "User Management," "Station Management," "Schedule Management," or "Fine Management." Adjust language to EN, or click "Admin User" and then "Sign Out" to exit.
- **Overview Section:** Navigate to the "MetroHub Admin Dashboard" header, which states "Manage users, schedules, and system operations." Review key metrics: Total Users, Active Trains, Metro Stations, and Active Fines.
- **Perform Quick Actions:** Use the "Quick Actions" panel to "Manage Users," "Update Schedules," "Review Fines," or "Send Alert" by clicking the respective buttons.
- **Check Recent Registrations:** Scroll to "Recent User Registrations" to view the latest sign-ups

11. Fine Management done by Admin:

- **Overview Section:** Navigate to the "Fine Management" section, which displays 3 Active Fines and a Total Outstanding amount of 200.
- **Review Recent Fines:** Scroll to "Recent Fines" to view the list of outstanding

fines.

12. Admin manages the users:

- **View User Table:** Navigate to the "User Management" section, which displays a table with columns for User ID, Name, Email, Phone Number, Role, Rapid Pass ID, Balance, and Fine.
- **Perform Actions:** Click the actions button (e.g., for user "CR7") to open a popup menu with options: "Make Regular User" (blue button) to upgrade the user's role, "Delete User" (red button) to remove the account, or "Cancel" (gray button) to close the menu without changes.

13. Admin managing the stations:

- **Add New Station:** Navigate to the "Add New Station" section. Enter a "Station Name" (e.g., Uttara Center Metro Station), "Serial" (e.g., 18), "Latitude" (e.g., 23.8579), and "Longitude" (e.g., 90.3777), then click "Add Station" to create a new entry.
- **Manage Existing Stations:** Scroll to "Existing Stations" to view the current list like: Uttara North Metro Station: Serial 1, Latitude 23.8579, Longitude 90.3777 (Edit/Delete)

14. Admin managing the schedule:

Create New Schedule: Navigate to the "Create New Schedule" section. Enter the "Source Station," "Destination Station," "Train Name," "Frequency (minutes)," and "Fare," then click "Create Schedule" to add a new schedule.

15. Admin can see all booked tickets:

Navigate to the "All Booked Tickets" section, which displays a table with columns for Ticket ID, User Email, Train, From, To, Departure, Arrival, Fare, Status, Journey Start, Journey End, and Fine.

All Booked Tickets

TICKET ID	USER EMAIL	TRAIN	FROM	TO	DEPARTURE	ARRIVAL	FARE	STATUS	JOURNEY START	JOURNEY END	FINE
68bd5c8dfff860f2d6a7cbf2	abc@gmail.com	Capital Commuter 103	Uttara Center Metro Station	Uttara South Metro Station	06:09	06:12	45 BDT	paid	9/7/2025, 4:21:11 PM	9/7/2025, 4:21:20 PM	0 BDT
68bdb0654bf04c8ad7896b7a	ratulmushfique99@gmail.com	Capital Commuter 103	Uttara Center Metro Station	Uttara South Metro Station	06:09	06:12	15 BDT	paid	9/7/2025, 10:18:59 PM	9/7/2025, 10:19:05 PM	0 BDT
68bdb0c74bf04c8ad7896bb7	ratulmushfique99@gmail.com	Capital Commuter 103	Uttara South Metro Station	Pallabi Metro Station	06:12	06:15	30 BDT	paid	9/7/2025, 10:20:43 PM	9/7/2025, 10:20:46 PM	0 BDT
68bdb0fd4bf04c8ad7896be3	ratulmushfique99@gmail.com	Capital Commuter 103	Uttara North Metro Station	Uttara Center Metro Station	06:06	06:09	45 BDT	paid	9/7/2025, 10:21:29 PM	9/7/2025, 10:21:33 PM	0 BDT
68bdb15f4bf04c8ad7896c1c	ratulmushfique99@gmail.com	Capital Commuter 103	Uttara Center Metro Station	Uttara South Metro Station	06:09	06:12	30 BDT	paid	9/7/2025, 10:24:35 PM	9/7/2025, 10:24:38 PM	0 BDT
68bdb20a4bf04c8ad7896c86	ratulmushfique99@gmail.com	Capital Commuter 103	Uttara North Metro Station	Uttara Center Metro Station	06:06	06:09	30 BDT	paid	N/A	N/A	0 BDT
68bde6798fc440d061d02698	ratulmushfique99@gmail.com	Capital Commuter 103	Uttara North Metro Station	Uttara Center Metro Station	06:06	06:09	30 BDT	paid	N/A	N/A	0 BDT
68be4182772f8b42b48a857b	ratulmushfique99@gmail.com	Capital Commuter 103	Mirpur 11 Metro Station	Mirpur 10 Metro Station	06:18	06:21	30 BDT	paid	9/8/2025, 8:38:21 AM	9/8/2025, 8:38:51 AM	50 BDT
68be6dab5c82d5a3f61b2990	musialajamal553@gmail.com	B	Uttara North Metro Station	Uttara Center Metro Station	19:07	19:11	15 BDT	paid	9/8/2025, 11:47:15 AM	9/8/2025, 11:47:40 AM	50 BDT