

# MoveInSync

## Ride-Sharing-Platform

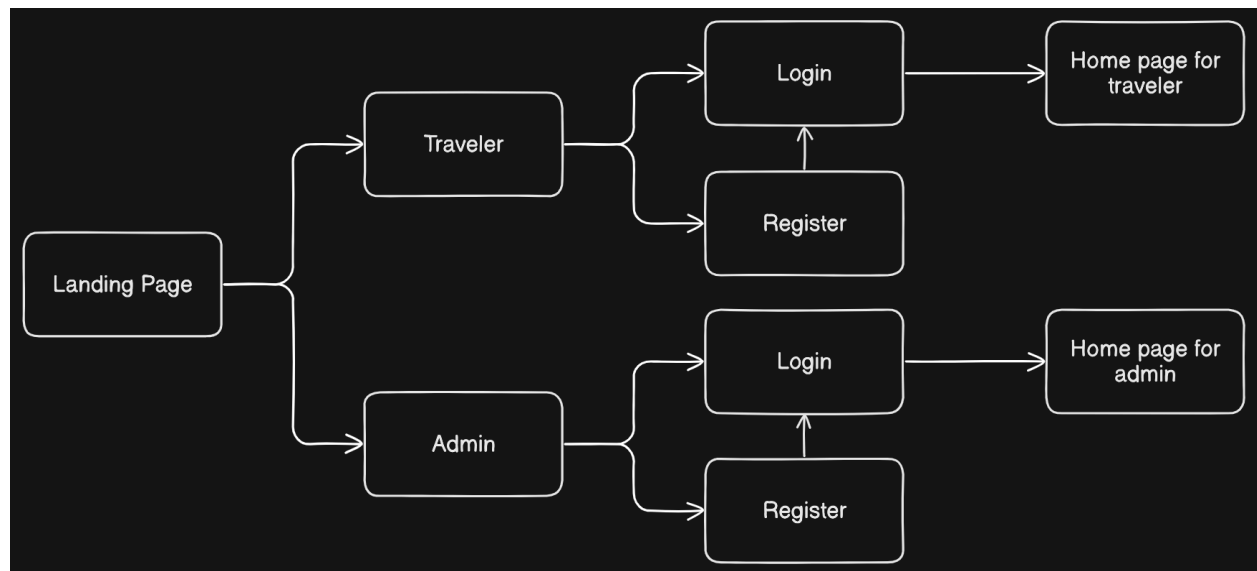
### Workflow

#### User Registration:

- Users register with their username, email, phone number and password.

#### Admin Registration:

- Admin register with their username, email, phone number and password.

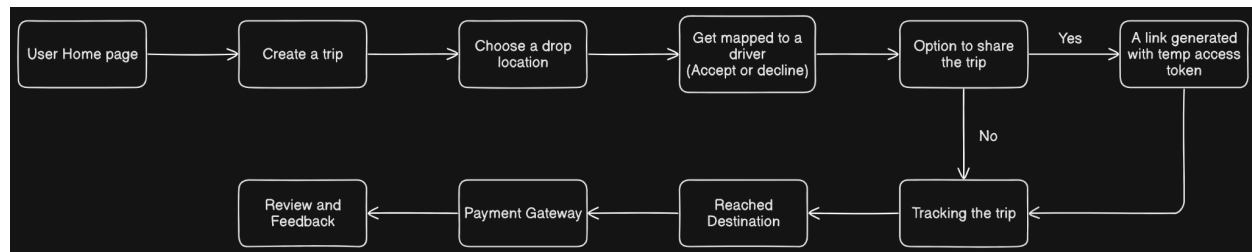


### Once Logged In:

#### Traveler:

- Travelers can initiate a trip by entering ride details.
- A unique shareable link is generated for the trip. (The shareable link expires once the trip is completed)
- Travelers can view a log of all rides they've shared, including details like trip status and sharing history.

Flow for a traveller to book and share the trip:

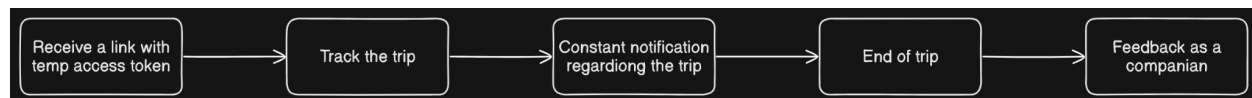


#### Admin:

- Admin can view all rides shared by users, including details of the trips and status.
- Admin can access overall feedback from travellers and companions about their experiences.

#### Companion:

- A companion can track the ride's location in real-time using the shared link.
- Companion receives a notification when the trip is complete.
- Companion receives a notification when the cab enters the geofence of the traveller's drop-off location.
- The access token expires once the trip ends.



## Key Functionality:

1. **Trip Creation:** Ability to initiate a trip and enter ride details (e.g., TripId, driver information, destination).
2. **Share Trip Details:** Generate and share a unique link with companions via WhatsApp or SMS.
3. **Link Expiry:** Automatically expire the shareable link after the trip is completed.
4. **Payment Gateway:** Integrates with a payment gateway for online payments.
5. **Ride History:** traveller can view their ride history
6. **Authentication:** Includes various authentication mechanisms such as email verification, emergency contacts, and two-step authentication.
7. **Emergency Services:** Features an SOS button for emergencies

# Role-Based Access Control:

