workflow of emergency Seva

1. Ambulance Request
   - Open App: The user opens the RSEVA app.
   - Login/Sign-Up (if required): The user logs in or signs up if they don't have an account.
   - **Location Input:**
     - User enables GPS or manually inputs the pick-up location.
     - User selects the nearest hospital from dropdown menu.

   - **Choose Ride Type:** The user selects the type of ambulance, like general, premium etc.
   - **Fare Estimation:** The app shows the estimated fare for the ride.

2. **Ride Request Submission**
   - **Request Ride:** The user taps the "Book Now" button to submit the request.
   - **Server Request Handling:** The app sends the user's location and ride preferences to the server.

3. **Driver Assignment**
   - **Driver Search:** The server searches for available drivers near the user's location.
   - **Driver Confirmation:** Once a driver is found, the app notifies the driver.
   - **Driver Acceptance:** The driver can either accept or reject the ride.
     - **If Rejected:** The app continues searching for another driver.
     - **If Accepted:** The driver is assigned to the user.

4. **Driver Details & ETA**
   - **Driver Details to User:** The user receives the driver's details (name, vehicle information, contact number, etc.).
   - **Estimated Time of Arrival (ETA):** The app shows the estimated time for the driver to reach the pick-up point.
   - **Real-time Tracking:** The user can track the driver's location in real-time via GPS.

5. **Pick-Up & Ride**
   - **Driver Arrives:** The driver arrives at the pick-up location.
   - **Start Ride:** The driver taps "Start Ride" when the user gets in the vehicle, and the app begins tracking the journey.

6. **In-Ride Features**
   - **Navigation:** The app provides navigation support to the driver.
   - **SOS Feature (if available):** The user can press an emergency button if needed.

7. **End Ride**
   - **Drop-off Location Reached:** Once the destination is reached, the driver taps "End Ride."
   - **Fare Calculation:** The app calculates the final fare, taking into account the distance, ride type, and possible surcharges (e.g., waiting time or tolls).

8. **Payment Process**
   - **Select Payment Method:** The user selects a payment method (cash, credit card, wallet, etc.).
   - **Payment Confirmation:** The app confirms the payment.
   - **Receipt Generation:** A digital receipt is sent to the user's email or saved in the app.

9. **Rating & Review**
   - **Rate Driver:** The user is prompted to rate the driver and provide feedback.
   - **Driver Rates User (optional):** The driver may also rate the user.
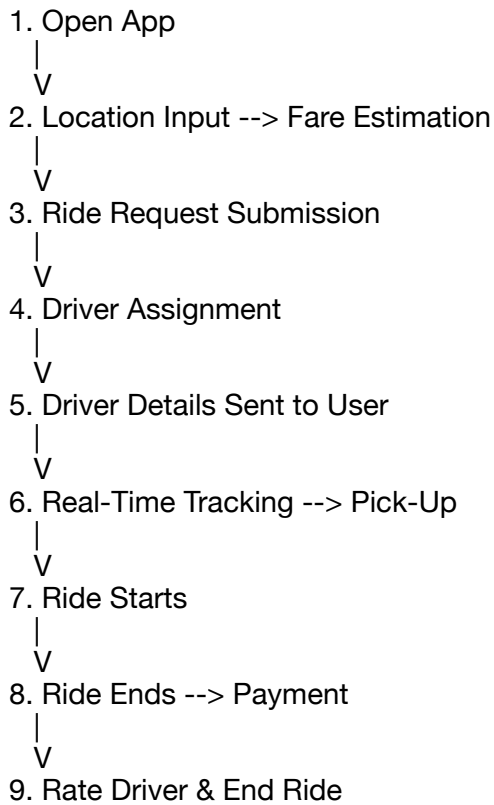
10. **Post-Ride Actions**
   - **Notifications:** The user receives a summary notification about the completed ride and any special promotions (if applicable).

- **History & Rebooking:** The ride details are saved in the user's history, and the user can rebook the same ride or request future rides.

Workflow Diagram Outline:
```
1. Open App
  |
  V
2. Location Input --> Fare Estimation
  |
  V
3. Ride Request Submission
  |
  V
4. Driver Assignment
  |
  V
5. Driver Details Sent to User
  |
  V
6. Real-Time Tracking --> Pick-Up
  |
  V
7. Ride Starts
  |
  V
8. Ride Ends --> Payment
  |
  V
9. Rate Driver & End Ride
```

This diagram showcases the high-level flow of operations in our app, ensuring both user and driver experience are streamlined from booking to payment.