**🚍 FAST Transportation System – User Walkthrough**

**1. Launching the System**

* The user runs the FAST Transportation System console application.
* A welcome screen appears:  
  ====== FAST TRANSPORT SYSTEM ======  
  Options like "Add Student", "Add Route", "Assign Routes" are displayed.

**2. Registering a New User (e.g., Student)**

* The user selects 1. Add Student from the menu.
* Prompted to enter:
  + Name: Ali Khan
  + ID: 20K-1234
  + Location: Johar Town
  + Password: ali123
* The system saves the student in users.txt and confirms:  
  User added successfully

**3. Adding a New Route**

* The user selects 4. Add Route from the menu.
* Enters:
  + Route Number: 7
  + Stop: Johar Town
* The system saves this in routes.txt and confirms:  
  Route Added

**4. Logging In and Paying Fee**

* The user logs in as a student (internally invoked via logIn() method).
* Enters correct password: ali123
* The student logs in successfully.
* Then, payFee() is called.
* System confirms:  
  Student Pay per semester  
  (The card is now active)

**5. Assigning Routes**

* The user selects 5. Assign Routes
* The system checks users with active cards and matching locations to route stops.
* Displays:  
  Ali Khan assigned to Route 7

**6. Searching for a User**

* The user selects 6. Enter Name To Find
* Enters: Ali Khan
* The system finds and displays:  
  Found: Ali Khan at Johar Town

**7. Exiting the System**

* The user selects option 7.
* The system exits gracefully, saving all data to files.