

4. SYSTEM ANALYSIS

4.1 STUDY OF EXISTING SYSTEM

- Admin has all the rights to manage Users.
- One has to jump from one system to another to get different information regarding their travel plans.
- Current system uses the airport code and airlines code for that we have found all the code details and it gives the validated data in our website.
- To get the accurate details about both start point and destination.
- To get information about pre-scheduled paid pick up drop facilities from different cab companies.

4.2 LIMITATIONS OF EXISTING SYSTEM

- In the current system, all work is done manually. Booking facility is not provided in a system.
- Train station details only for US countries.
- We have depended on third party for retrieving data. If the third party server is down then we cannot get a perfect data.

4.3 REQUIREMENTS OF PROPOSED SYSTEM

4.3.1 Functional requirements:

- Login for user.
- Need details of airport, airline, and train stations.
- User can get the total distance and durations between start to end locations.
- User can get the cab route information and price.

4.3.2 Non Functional requirements:

- Performance
- Security
- Scalability
- Reliability
- Availability
- Usability

4.4 SYSTEM WORK FLOW

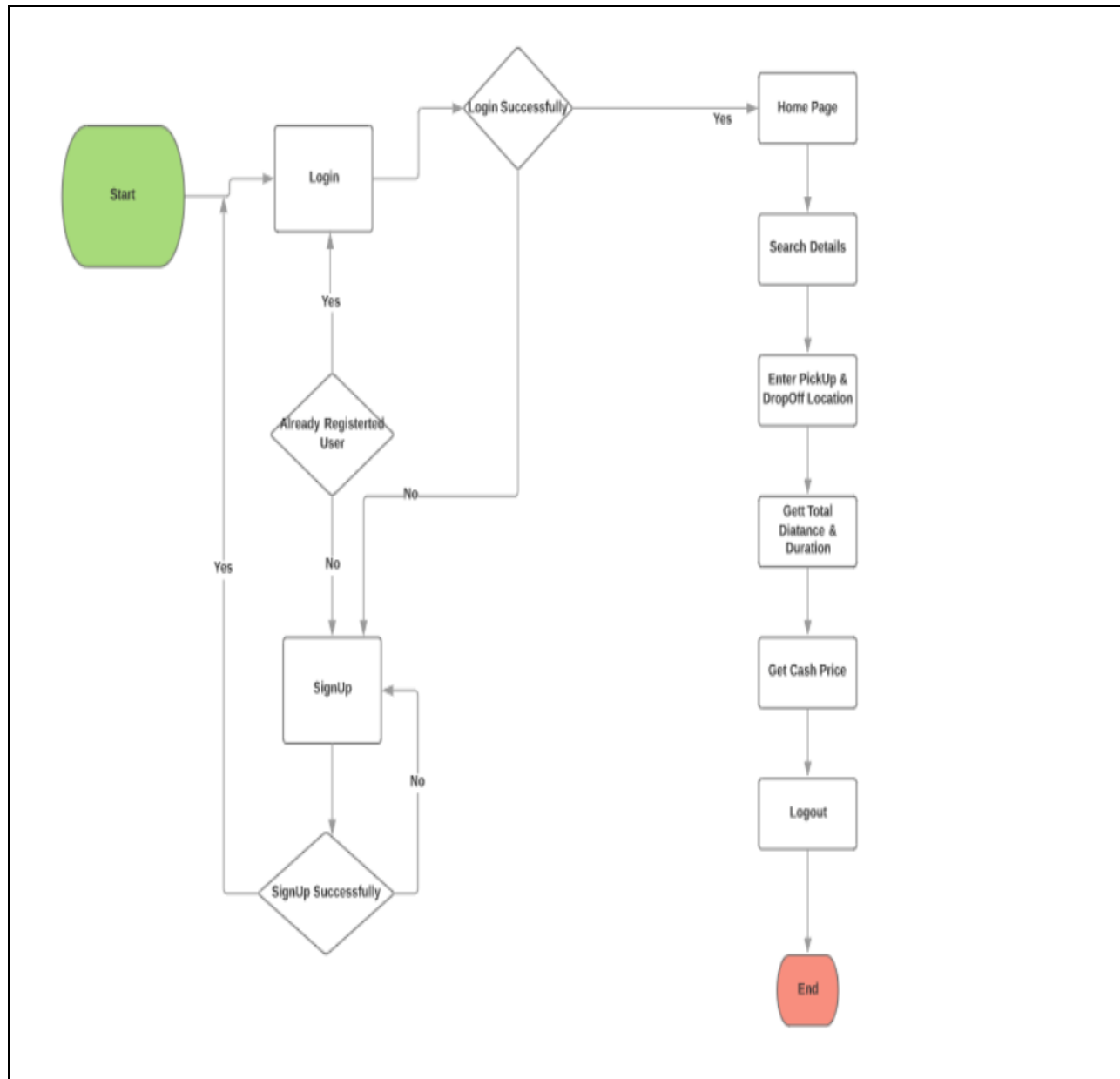


Fig. 4.1: System work flow

4.5 CLASS DIAGRAM

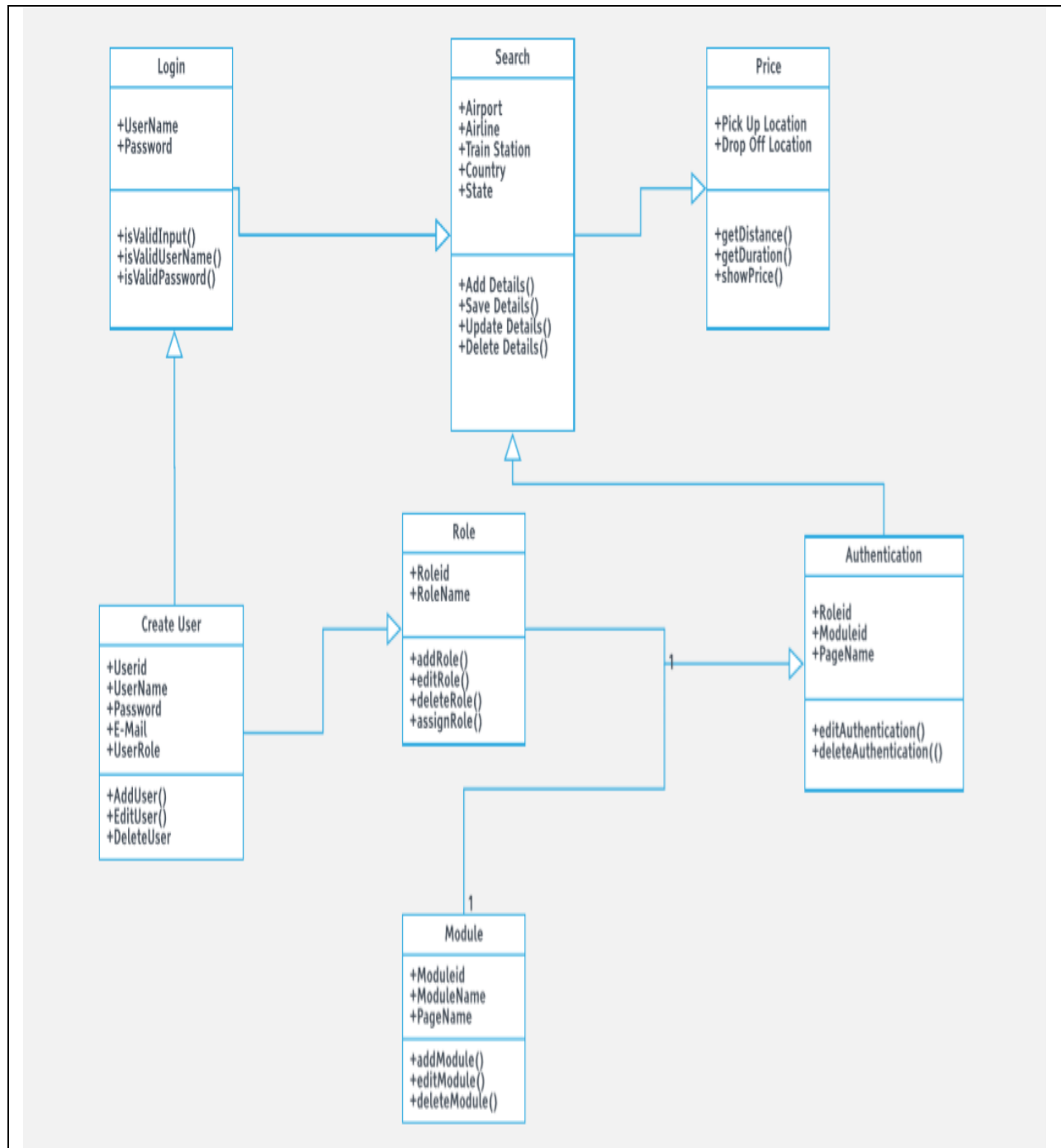


Fig. 4.2: Class diagram

4.6 ACTIVITY DIAGRAM

Admin Side:

4.6.1 User Management

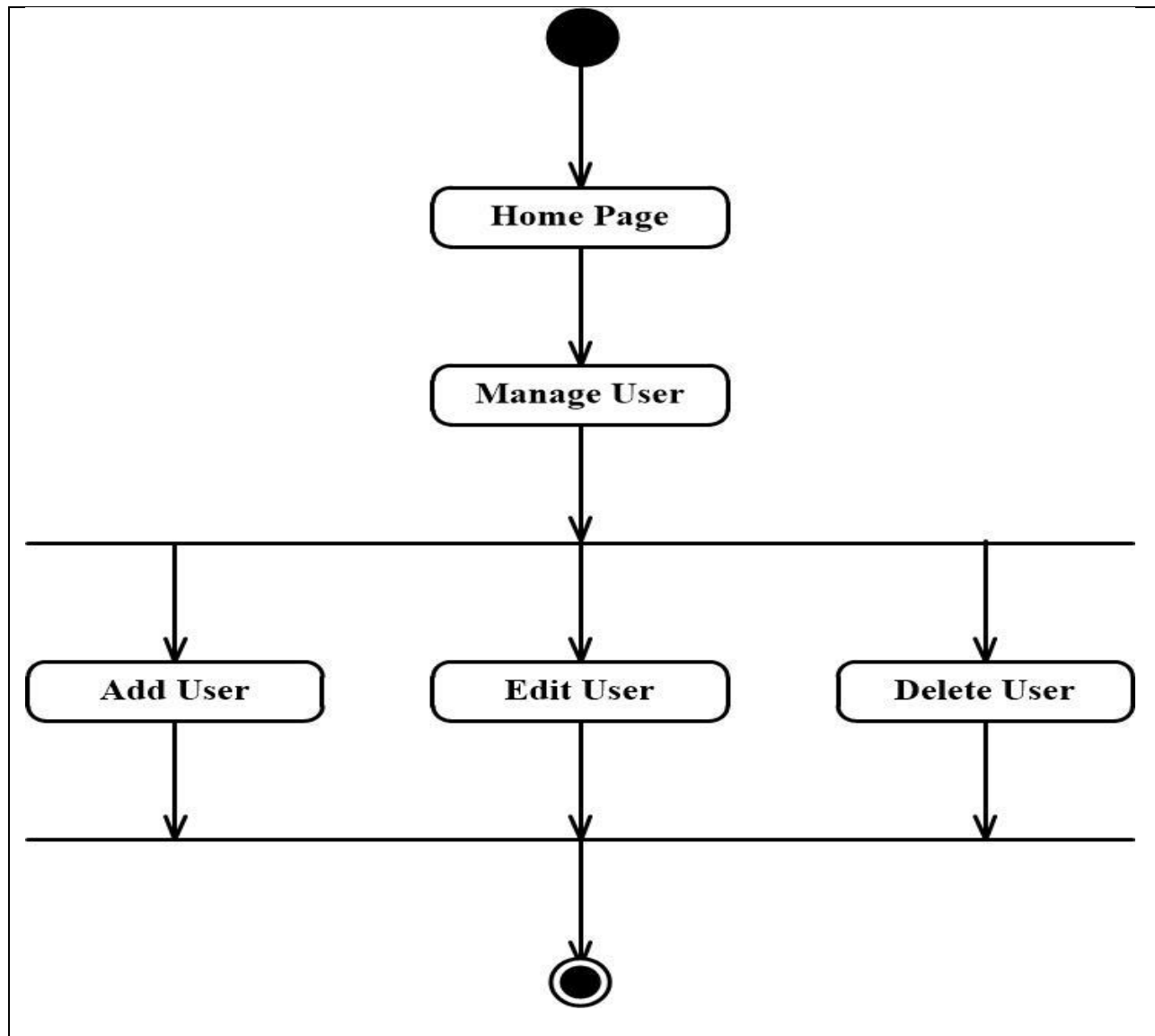


Fig. 4.3: Activity User Management

4.6.2 Manage Role

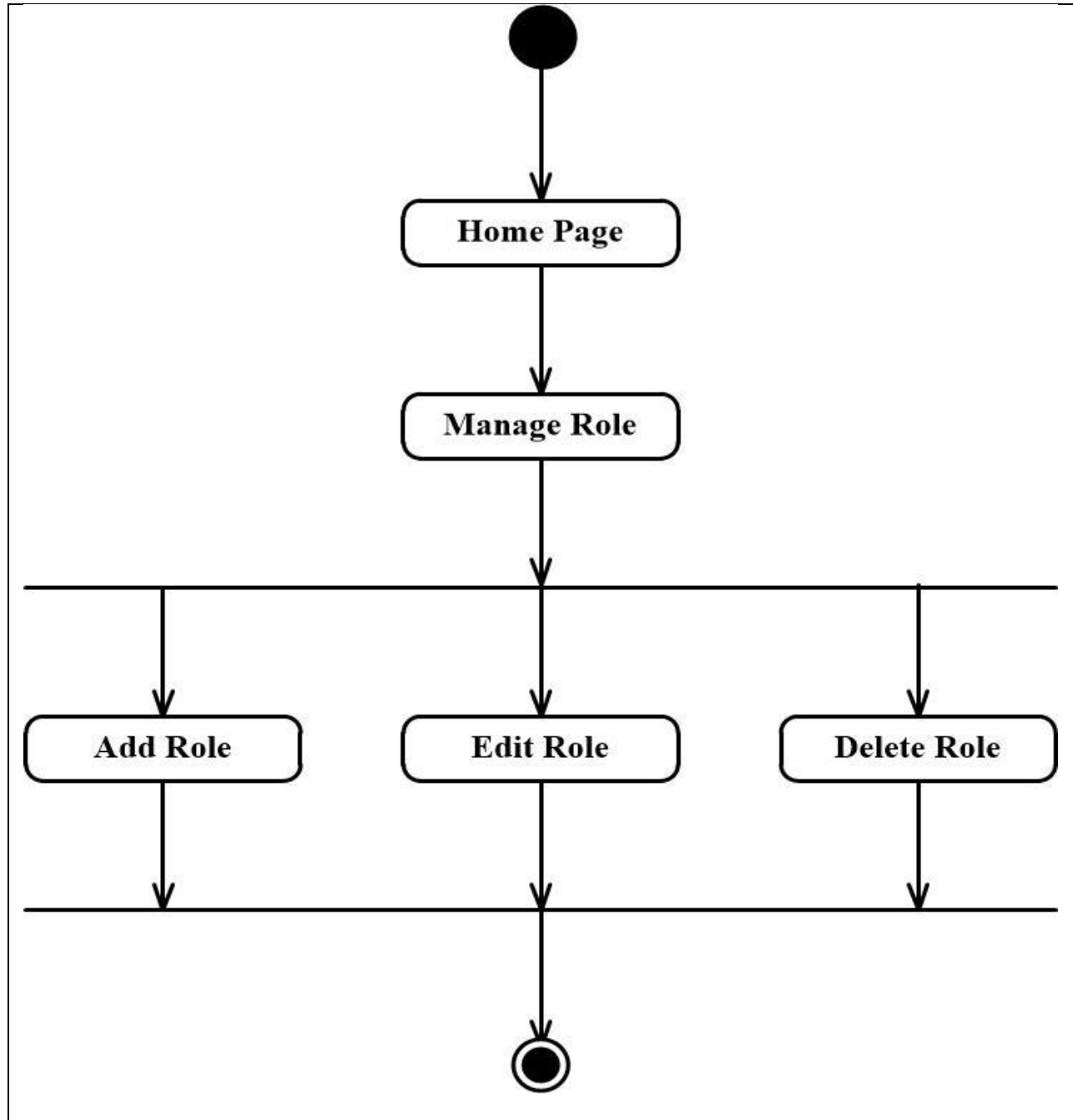


Fig. 4.4: Activity Manage Role

4.6.3 Manage Module

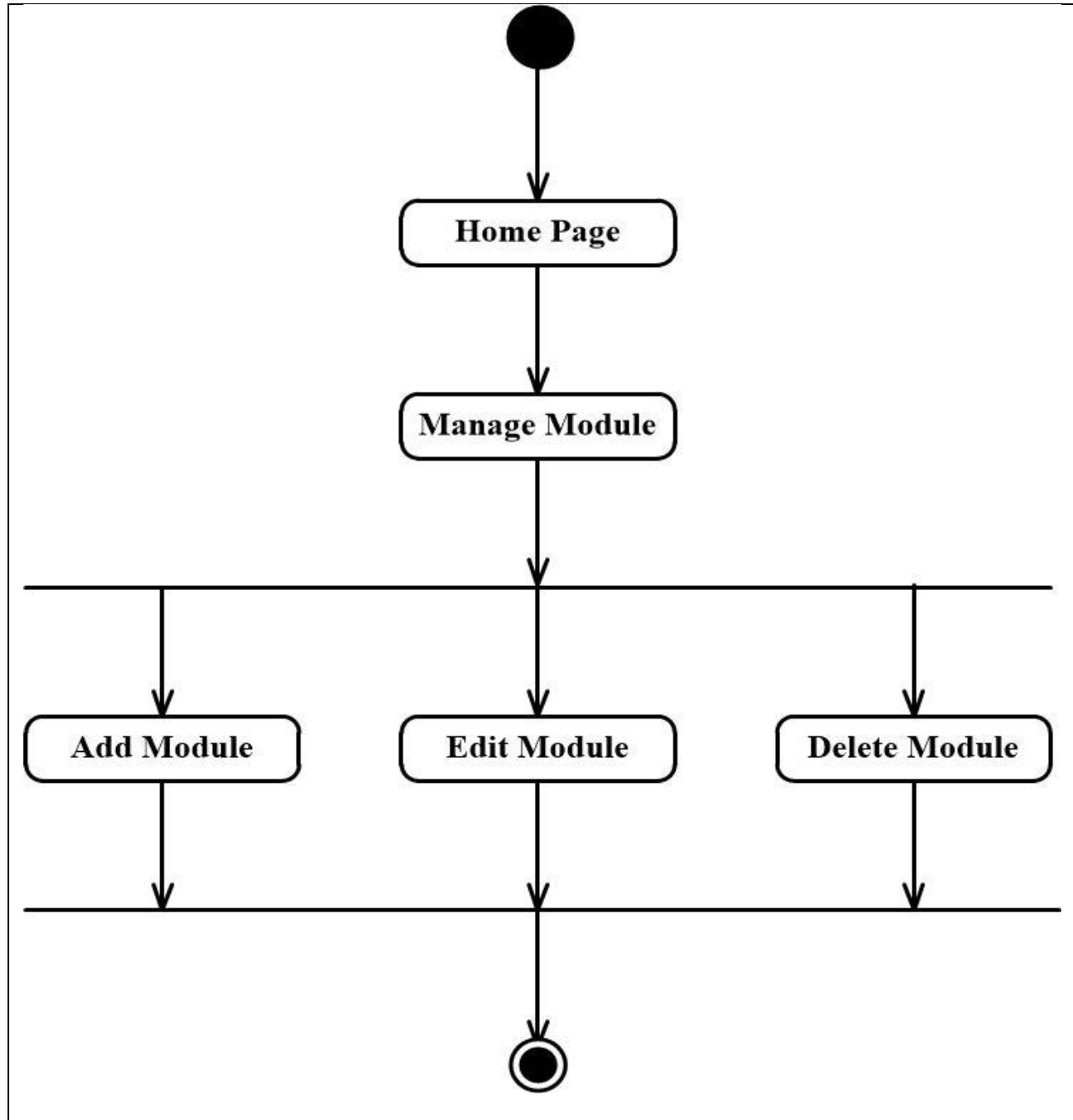


Fig. 4.5: Activity Manage Module

4.6.4 Airport Details

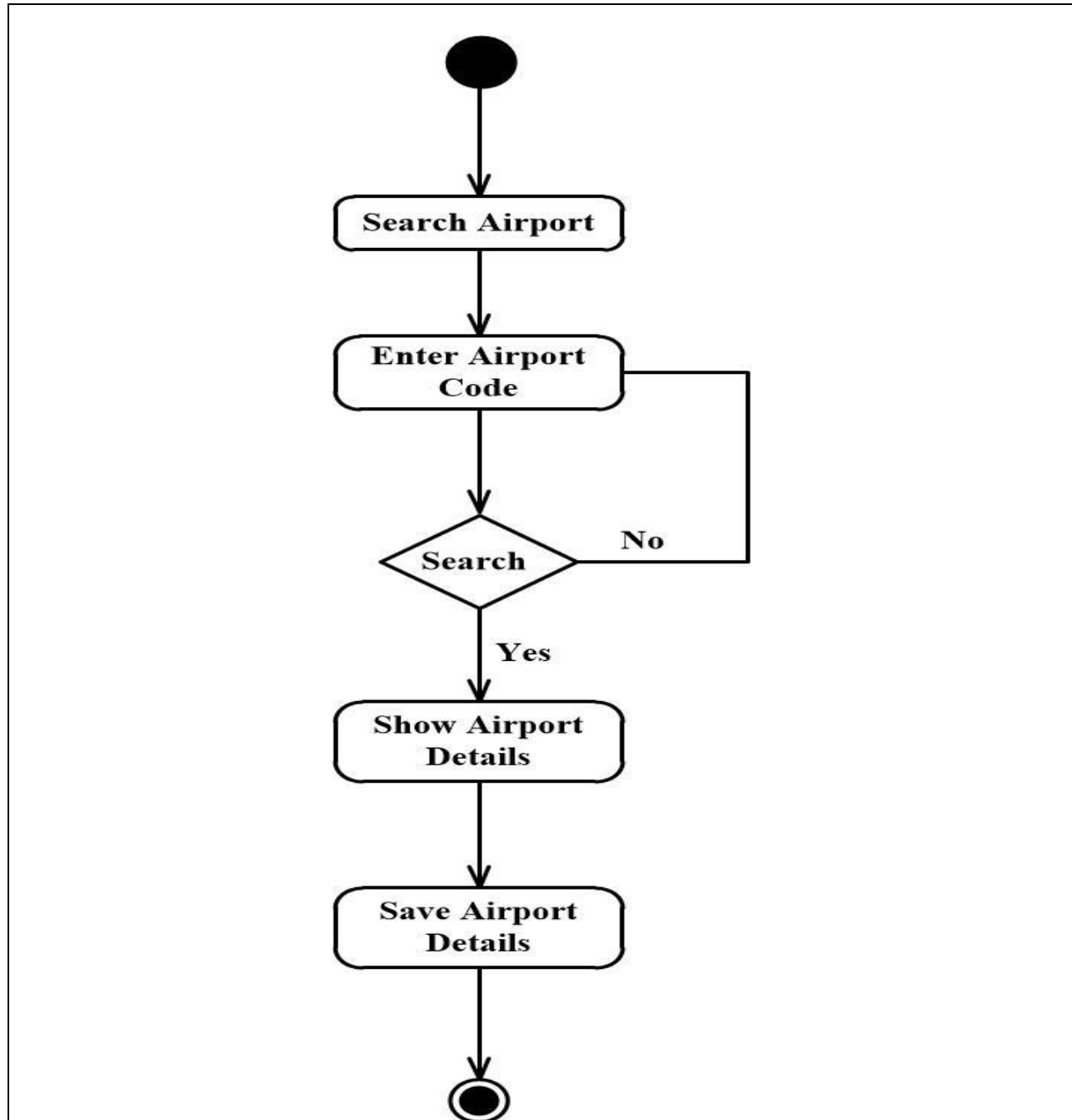


Fig. 4.6: Activity Airport Details

4.6.5 Airline Details

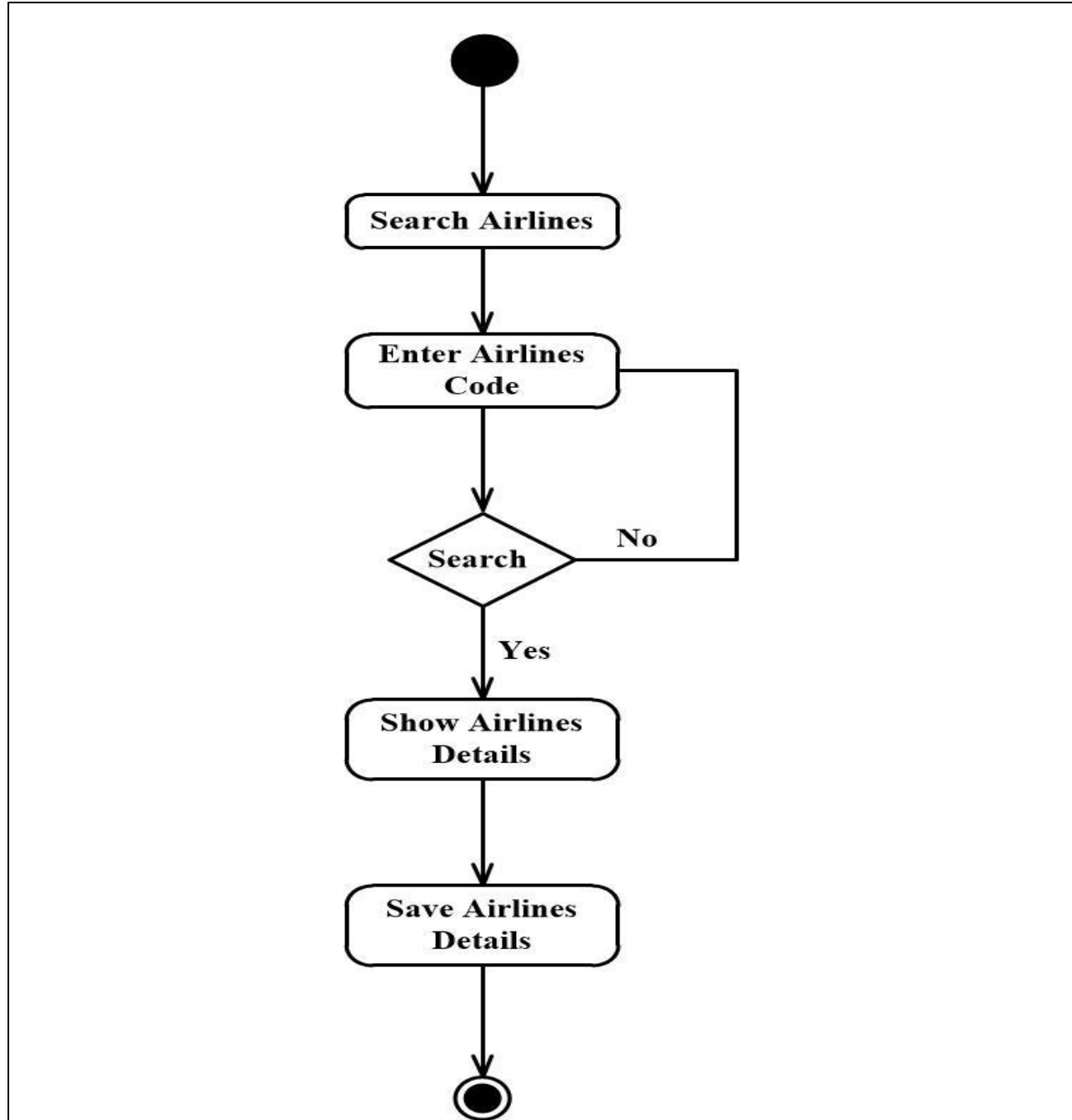


Fig. 4.7: Activity Airline Details

4.6.6 Train Station Details

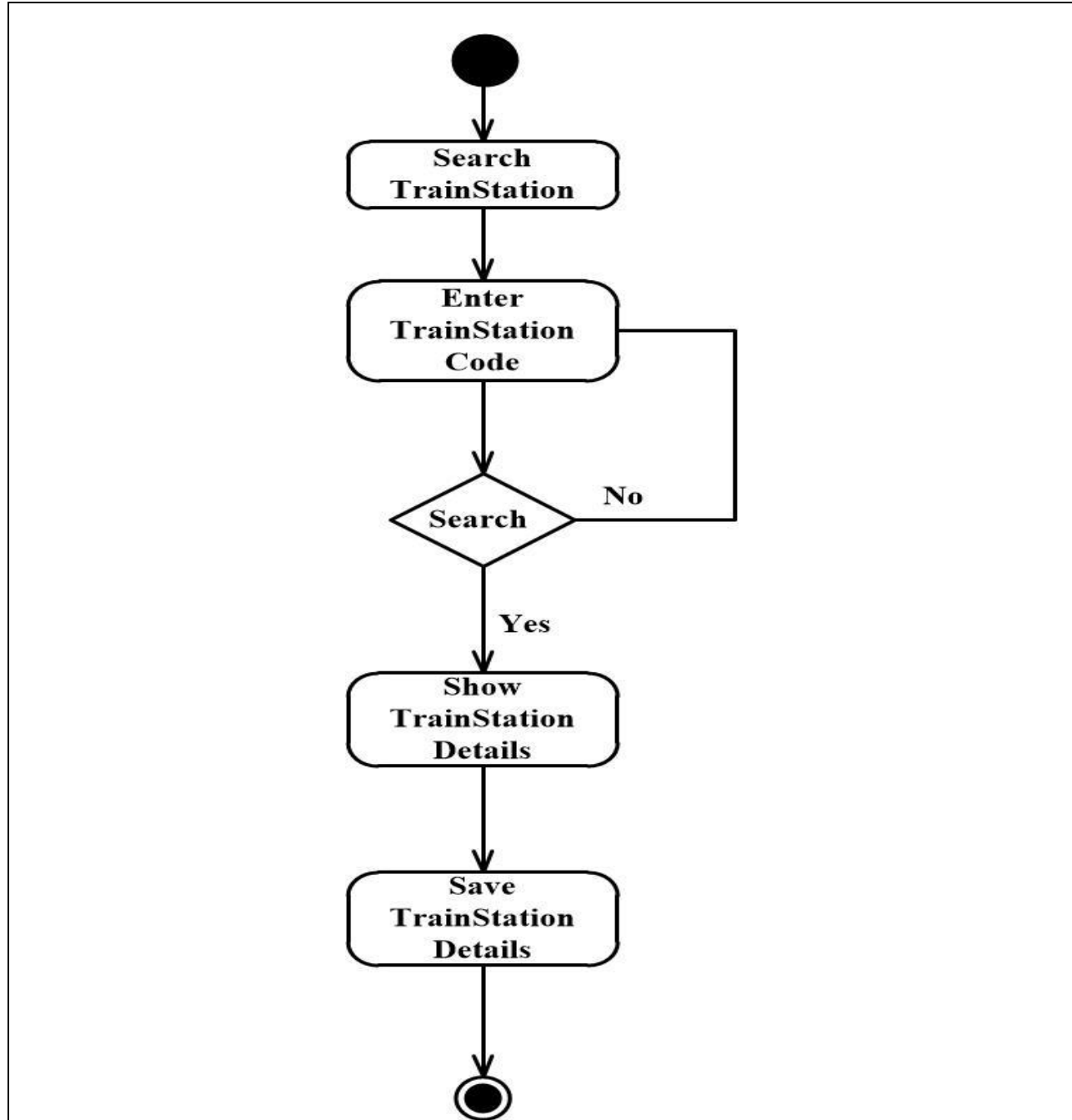
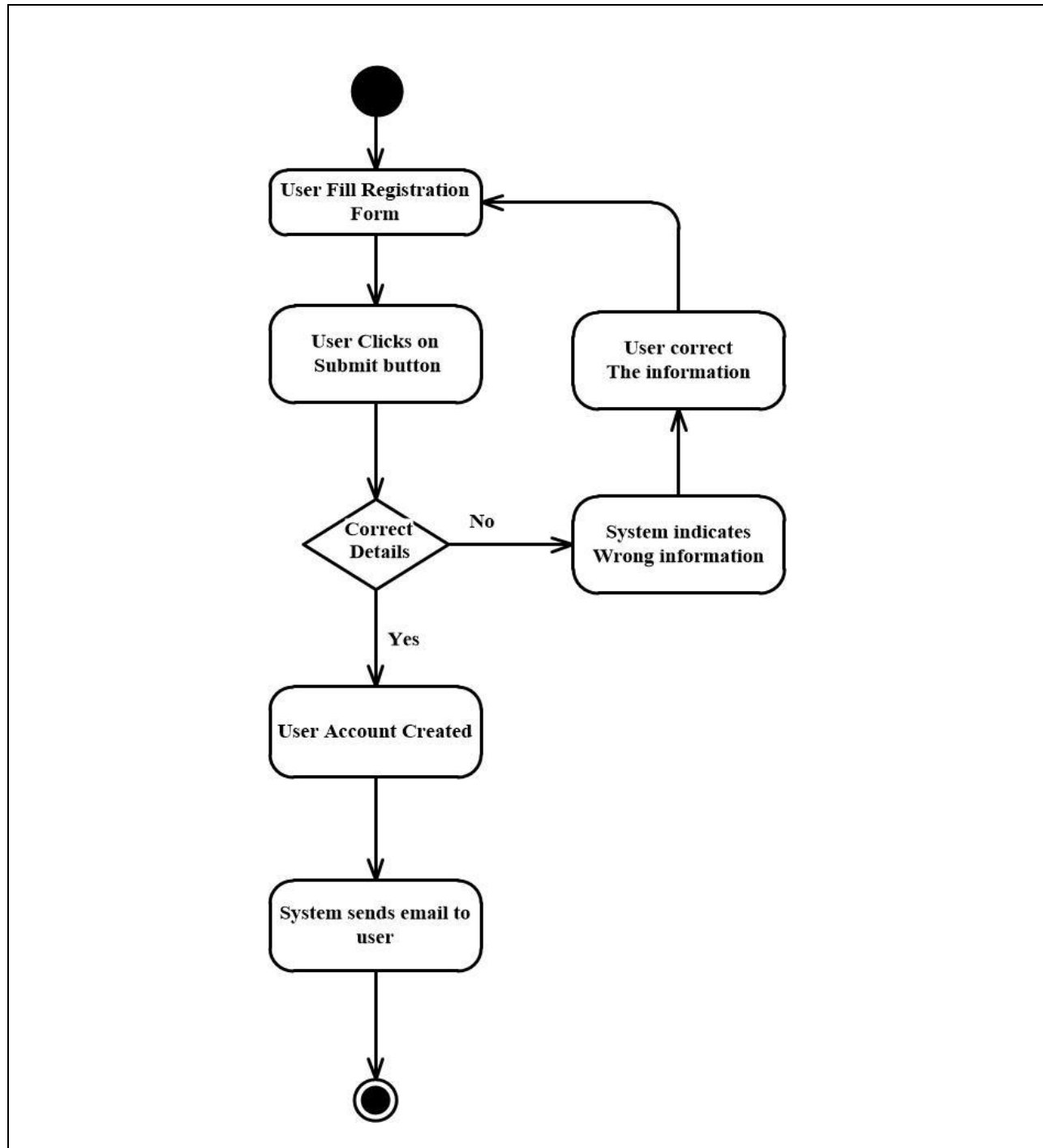
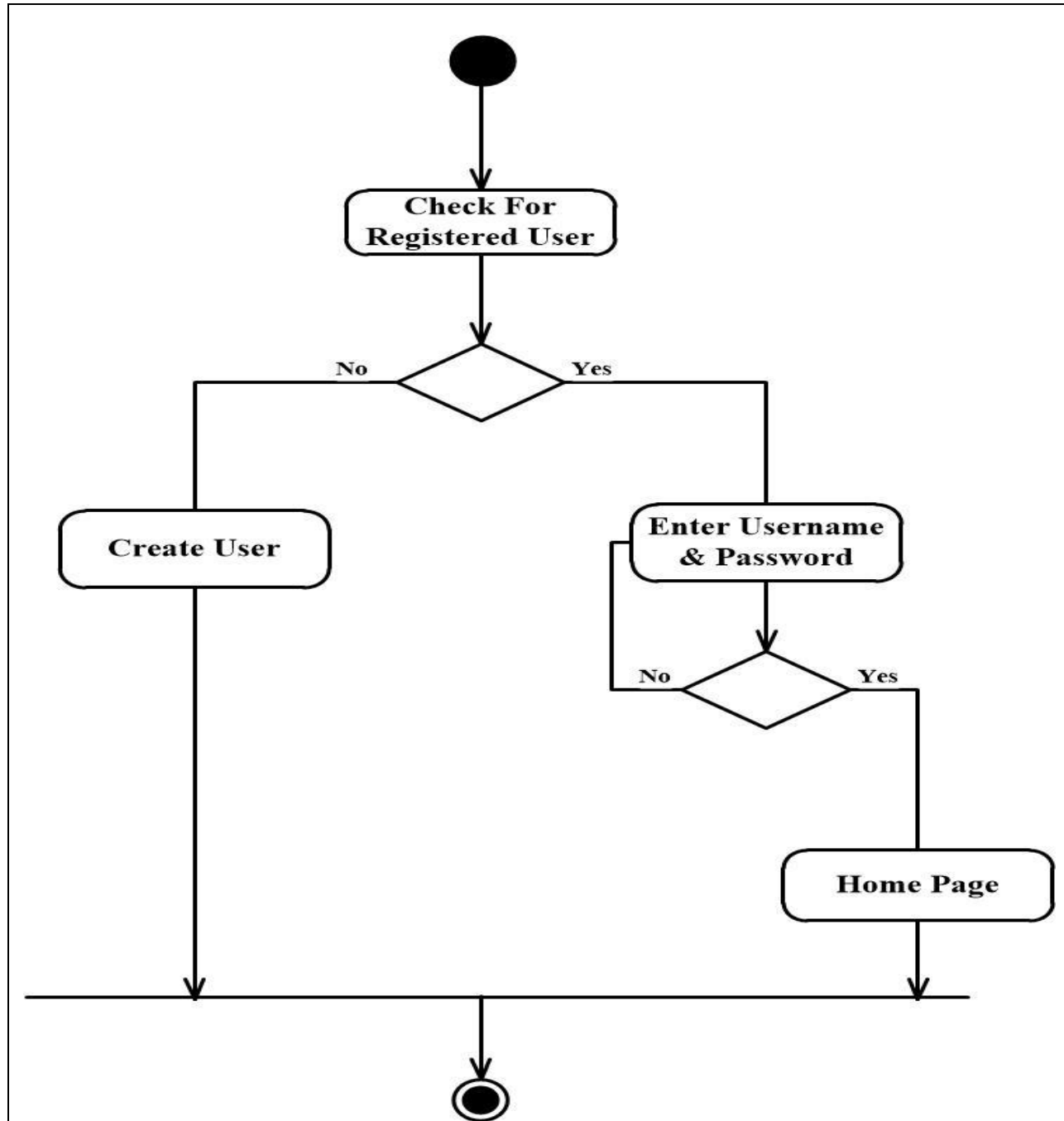
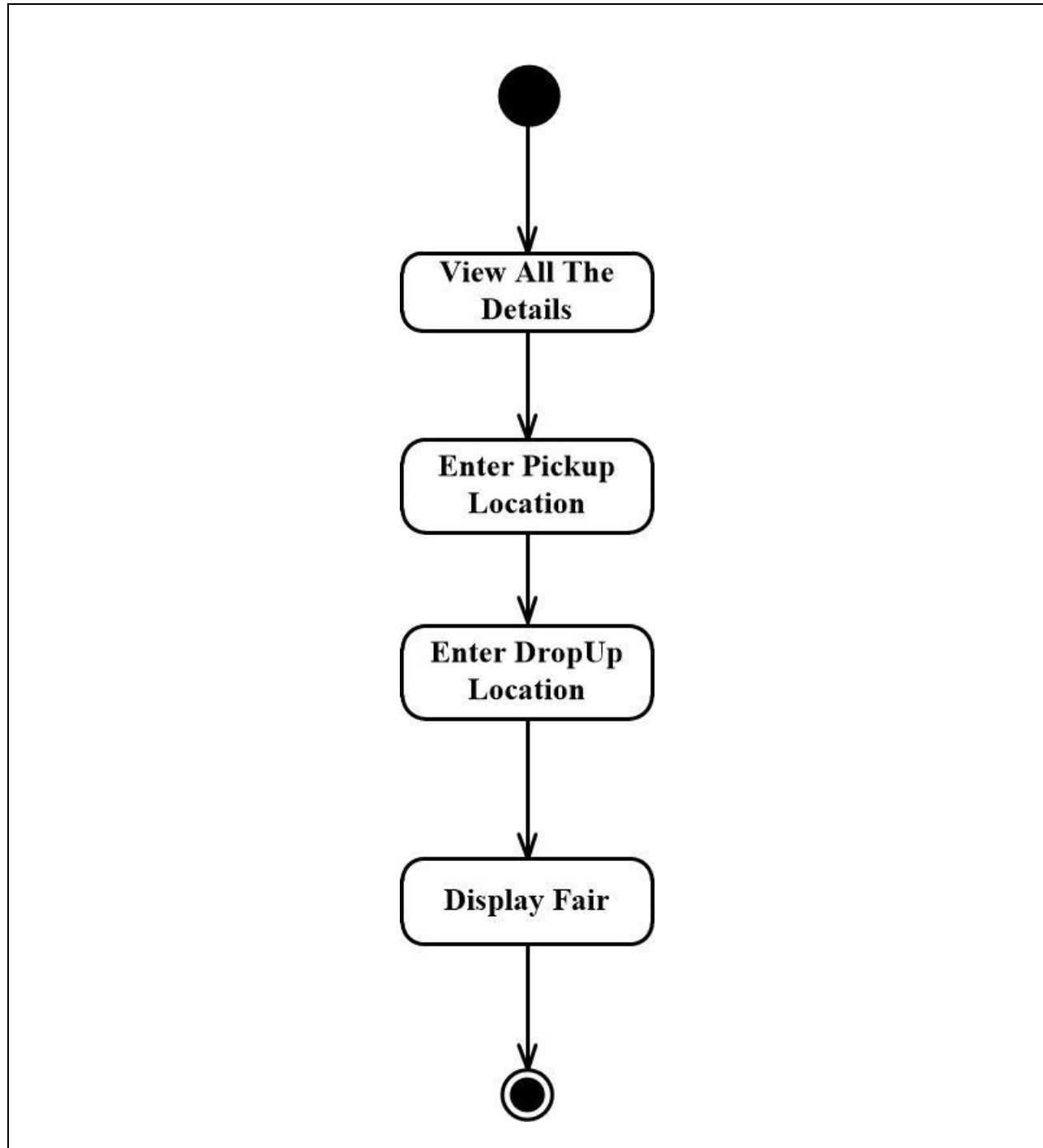


Fig. 4.8: Activity Train Station Details

User Side:**4.6.7 Register****Fig. 4.9: Register Activity**

4.6.8 Login**Fig. 4.10: Activity Login**

4.6.9 Price**Fig. 4.11: Activity Price**

4.7 STATE CHART DIAGRAM

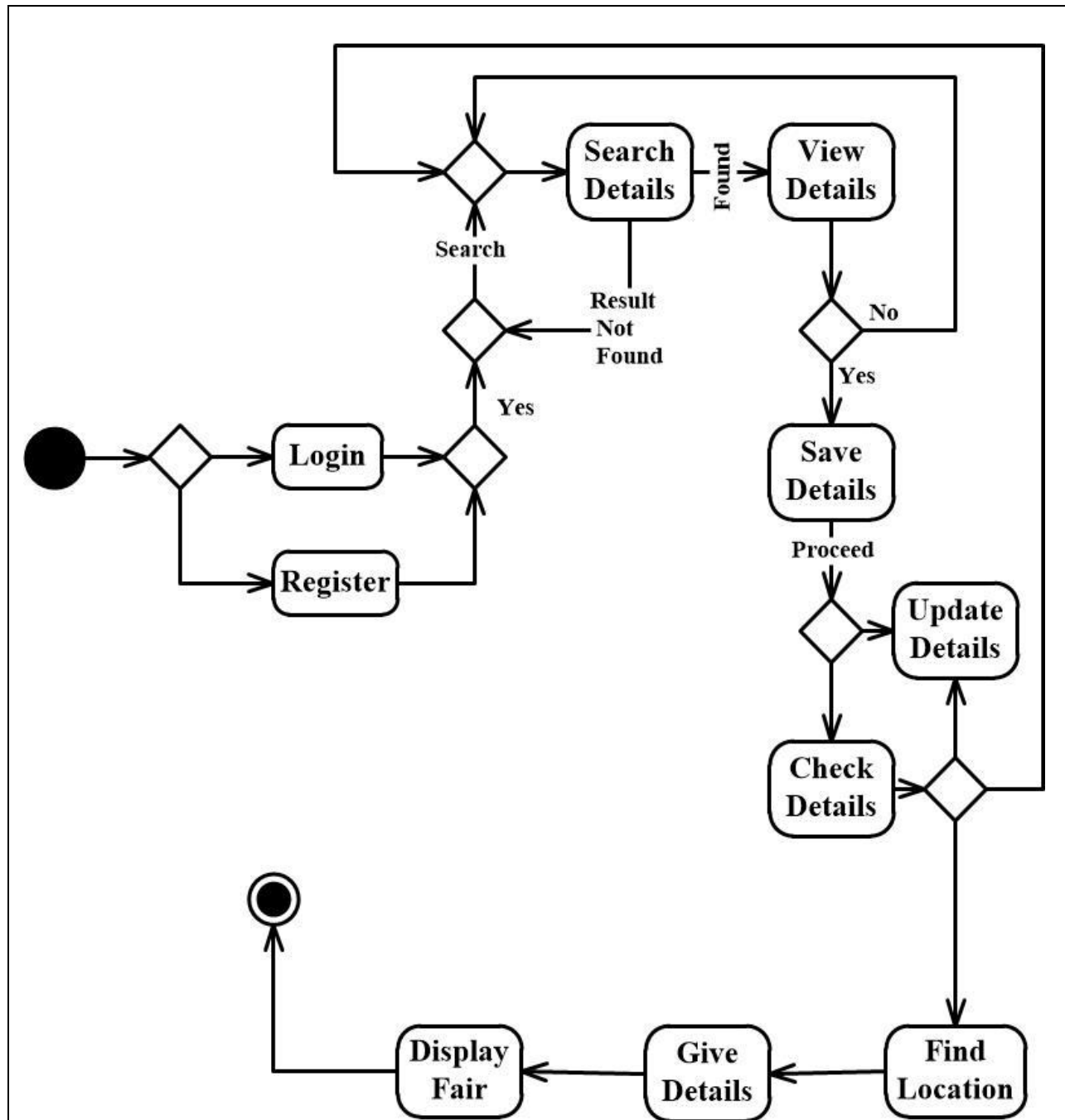


Fig. 4.12: State Chart Diagram