

Private Bus Route Time system



dreamstime.com

ID 187399122 © Tomasz Wozniak

Introduction

- 1 Web based system to manage and display bus route information and schedules.
- 2 It provides real time bus schedule information to passenger.
- 3 The system aims to improve the efficiency and effectiveness of private bus services enhancing the overall passenger experience.
- 4 It is built using
HTML,CSS and Javascript for the frontend and PHP,MYSQL for the backend.

TEAM MEMBERS

- Arya Sunil
- Pavithra U V
- Pranav M P
- Sanoop P M

Limitations

1 User interface

Interface confusing or difficult to navigate.

2 Lack of real time updates

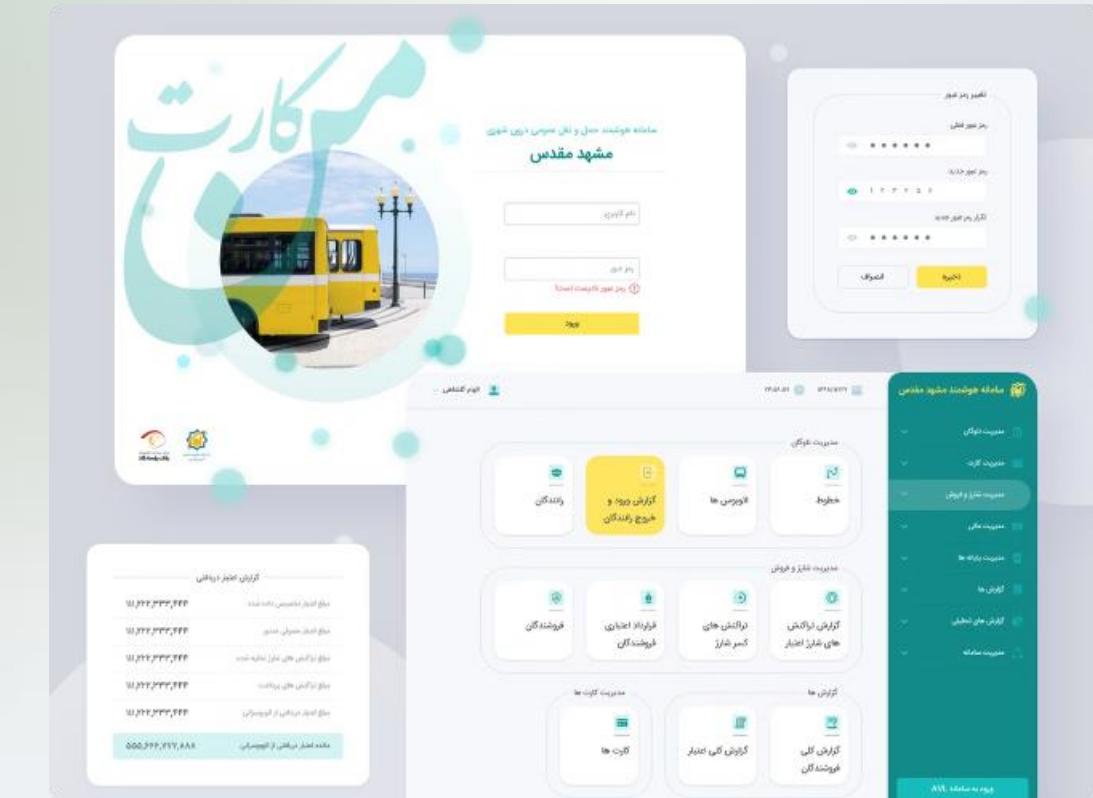
Delays in receiving real time updates about bus routes

3 Limited customer support

Difficulty in getting help from customer support.

4 Unavailability of details

Details of bus and bus owners are not available.



Proposed System



Feedback Mechanism

Feedback box allows users to share their experiences and suggestions



Complaint resolutions

Complaint box for users to report their issues



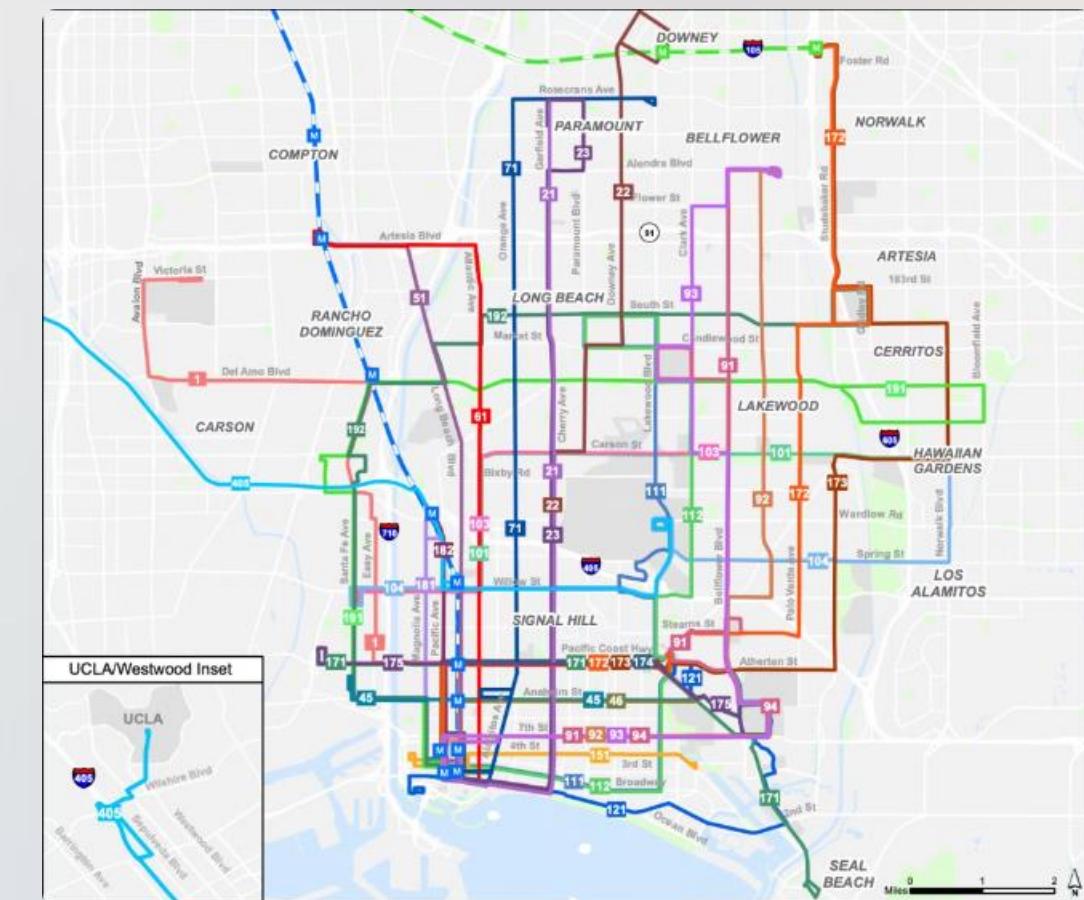
Real-time arrival information

Users can access accurate arrival time at specific stops



Owners and bus details

Provides the details of bus and bus owners



Admin Module



Bus management

Admin can add, edit and removes bus information.



Route Management

Admin can manage bus routes and schedules.



Feedback and complaints Management

Admin can view and respond to user feedbacks and complaints.

User Module



Login / registration

User can create an account, login to access the system.

Bus tracking

User can track arrival times and routes.

Feedback and complaints

Users can provide feedbacks and can report complaints about issues faced in bus.

Staff Module



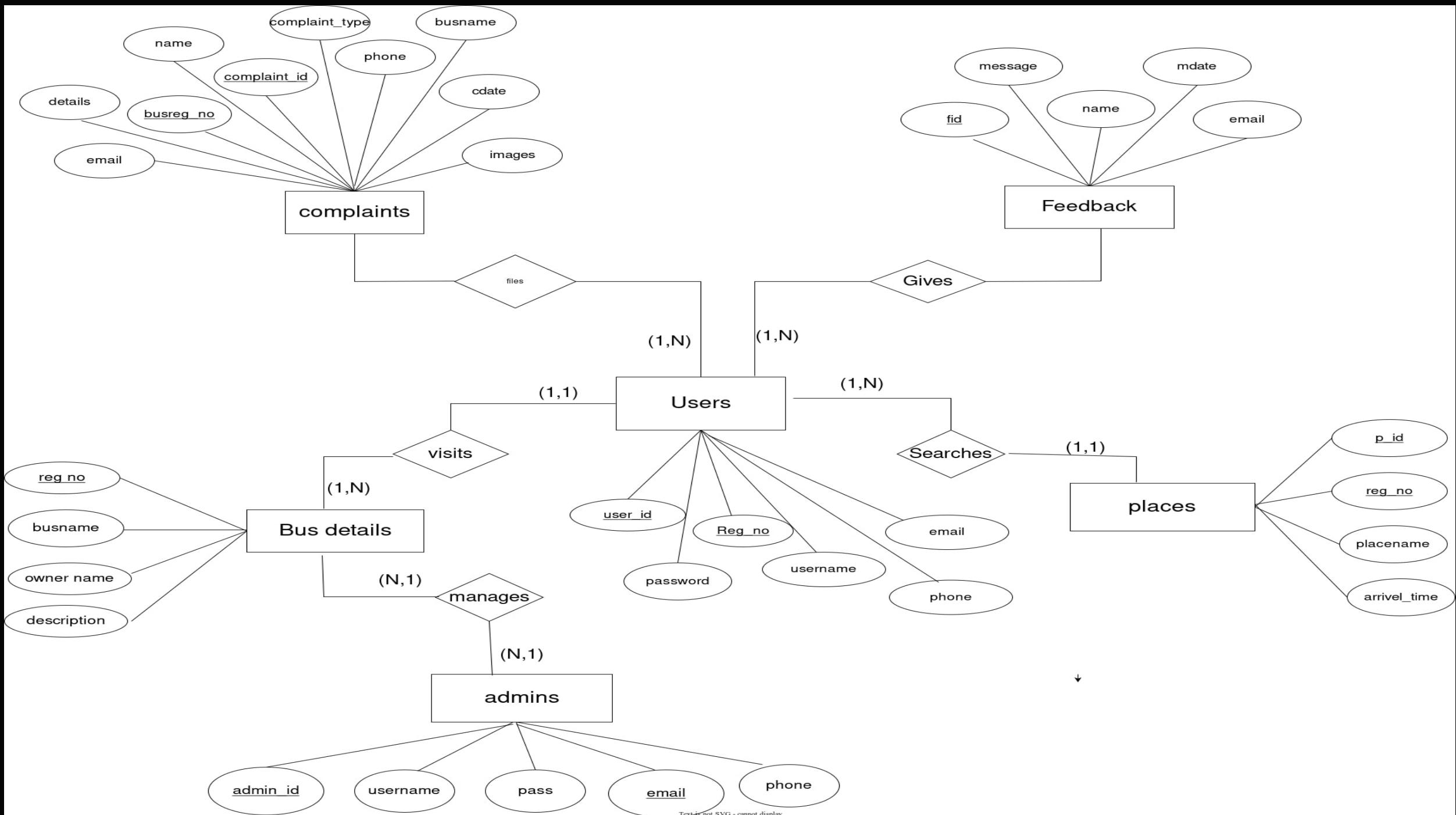
Bus information Management

Bus staff can manage bus details

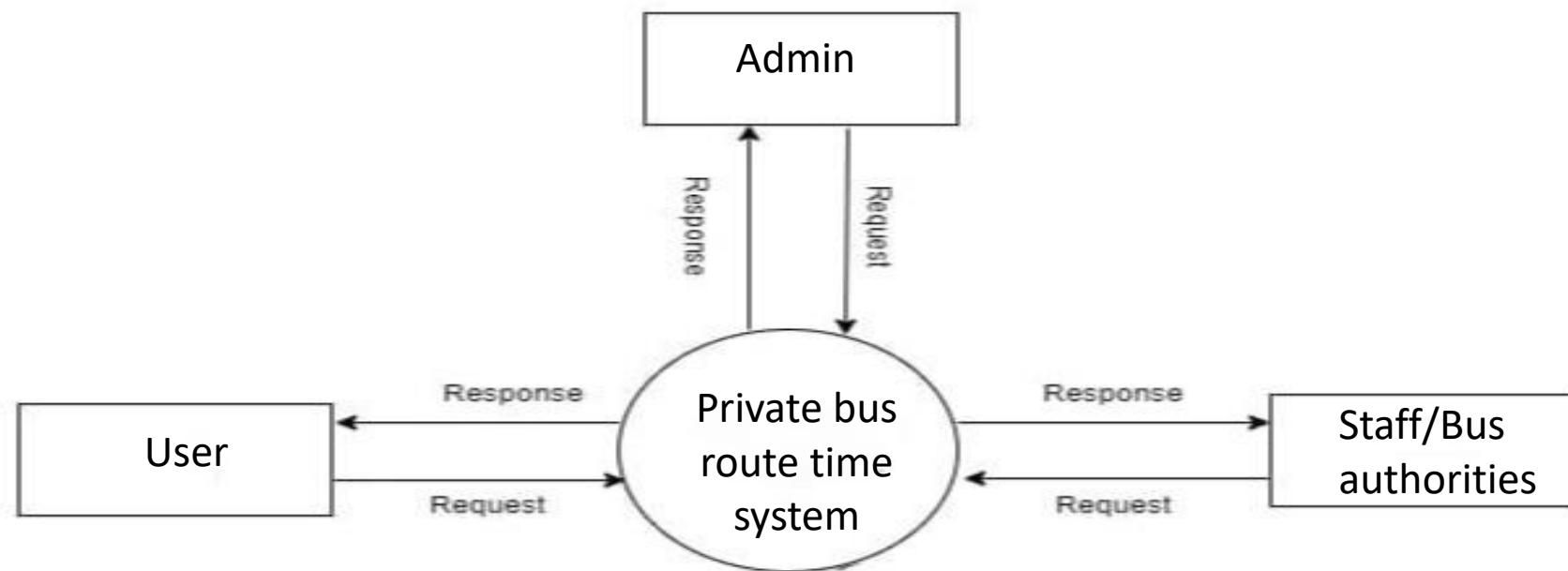
Route information management

They can also manage bus routes and schedule's and can update bus status.

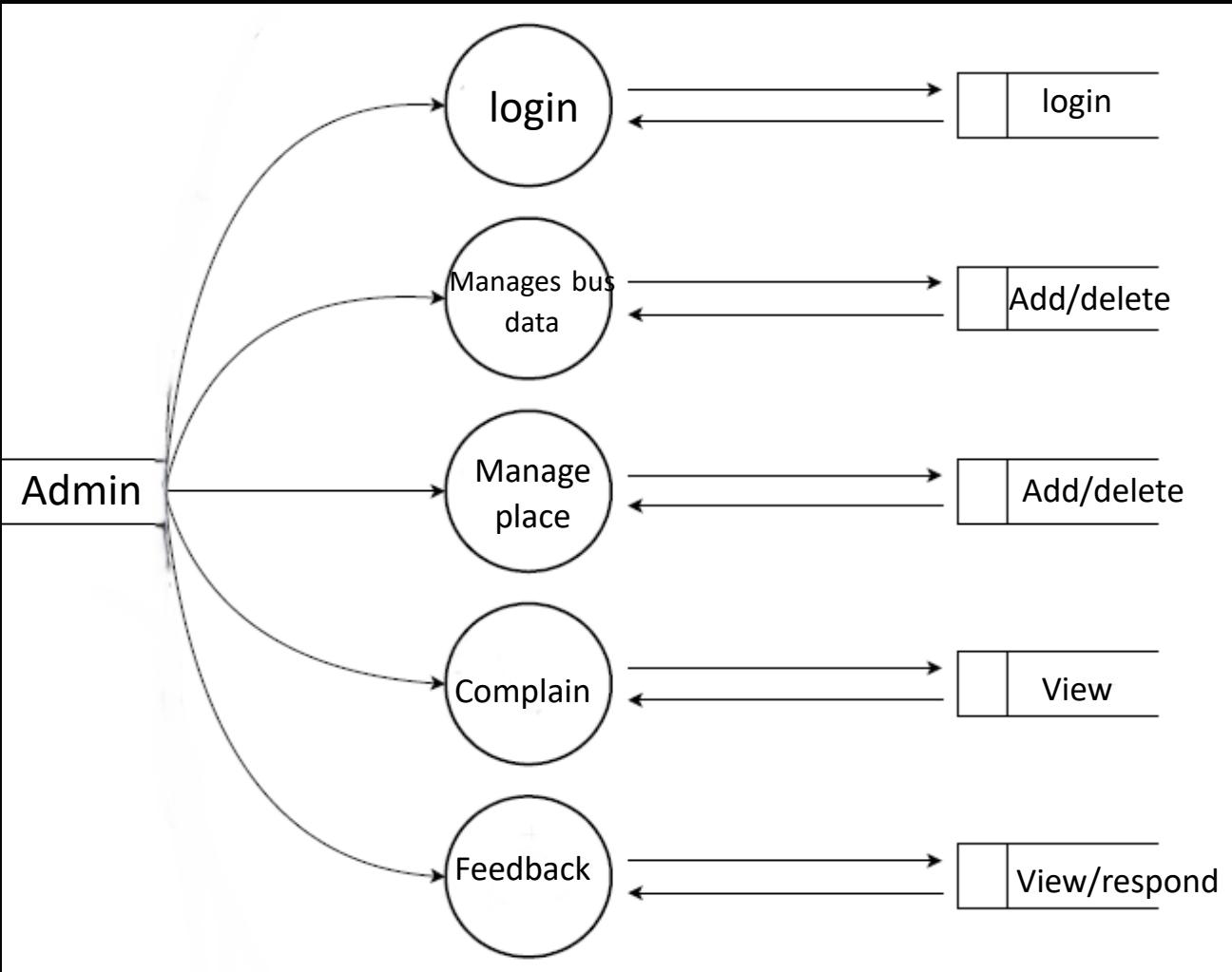
ER Diagram



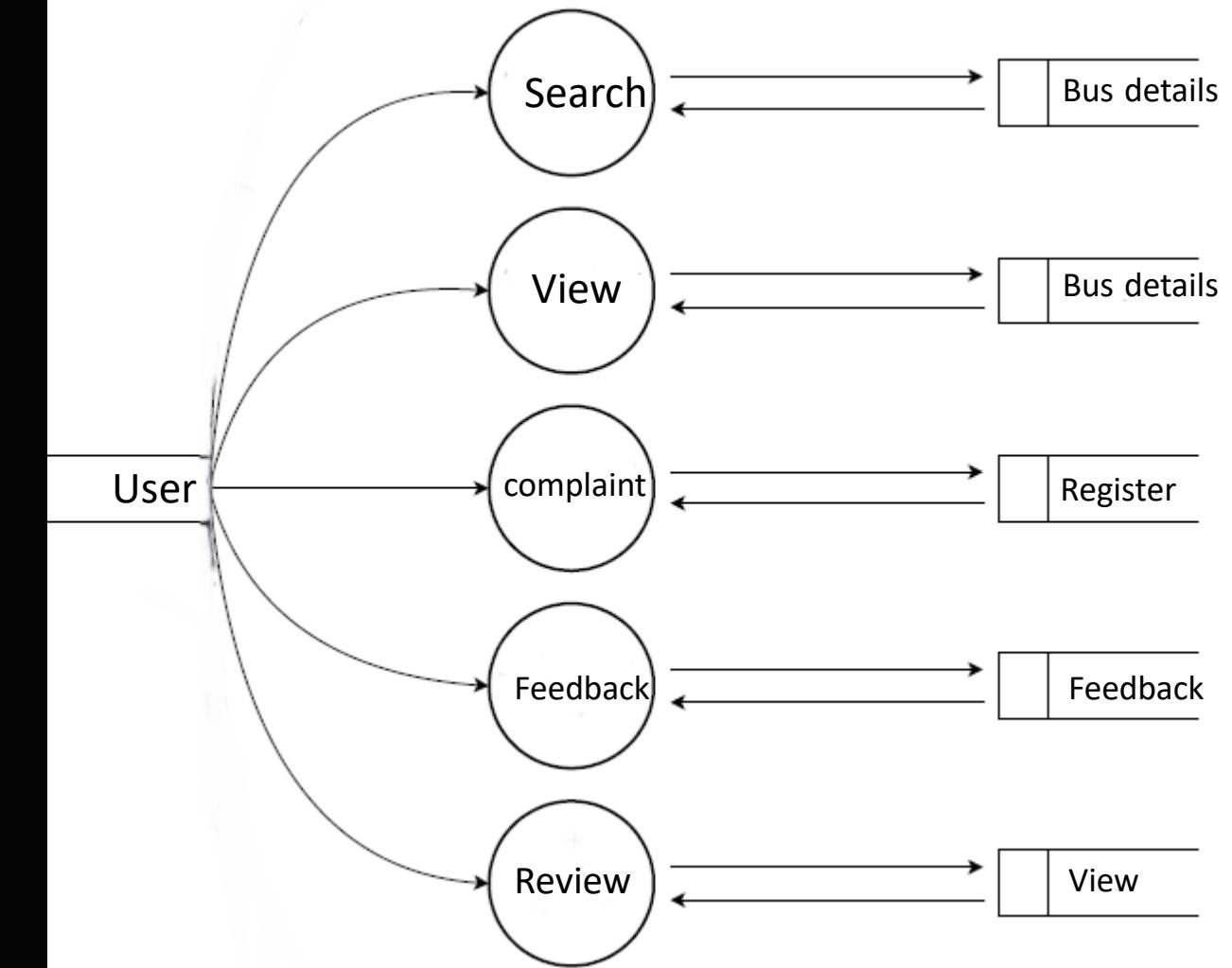
Data Flow Diagram



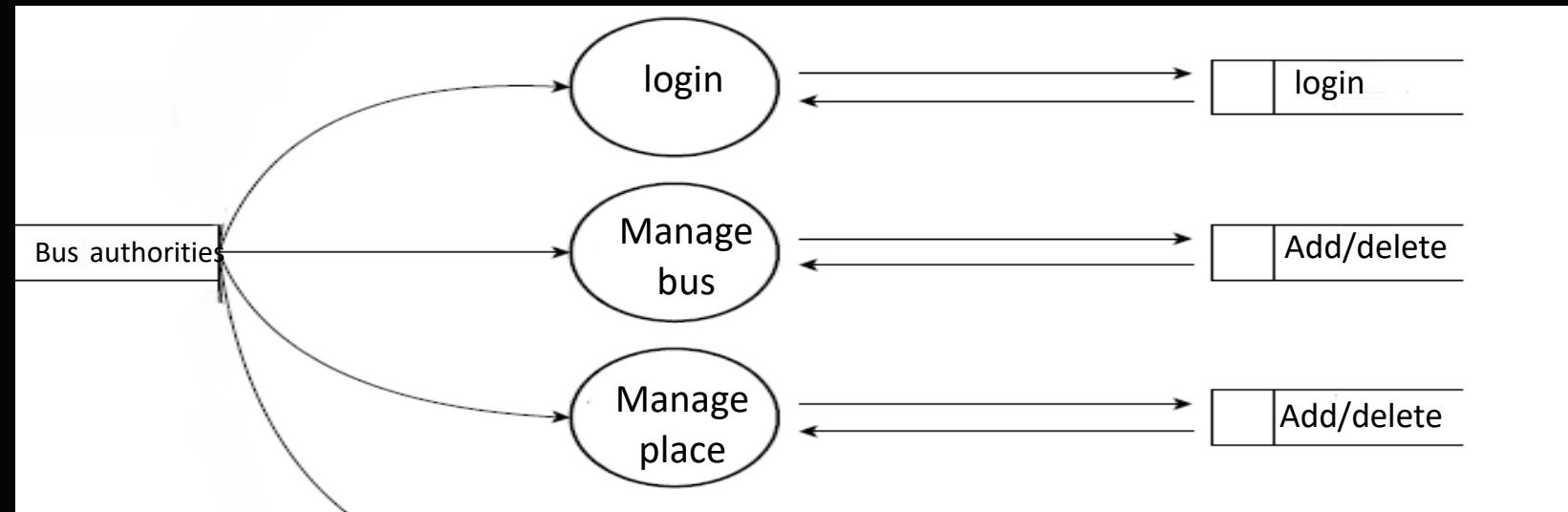
0th level



Level 1



Level 1.1



conclusion

The Private Bus Route Time System streamlines transportation, boosting passenger satisfaction, reducing costs, and enhancing safety.

Its successful implementation paves the way for a smarter, more efficient, and connected transportation network.

