

## Road service

- Guadalupe College Legrand

→ Modules

1, Admin

2, EV station

3, Fuel station

4, workers

5) users

6) AI modules

1, Admin

- login

- view and approve EV stations

- view approved EV stations

- view rejected EV stations

- view and approve Fuel stations

- view approved Fuel stations

- view and approve workers

- view approved workers

- view rejected workers

- view complaints from user and sent replay

- view and app reviews

- change password.

2) EV station

- sign up

- Log in

- view profile, edit profile  
edit pa

- charging point management

- slot management

- view booking details

- view payment details

- change password.



### 3. Fuel station

- sign up
- login
- view profile, Edit profile
- manage working status
- manage stocks
- view booking from user and change password.
- locate wrong google map.

### 4. workers

- signup
- login
- view profile, Edit profile.
- manage service and its charge.
- View service request from users accept or reject it.
- view accepted request
  - track location
  - chat with user
    - video call with user.

### 5. users

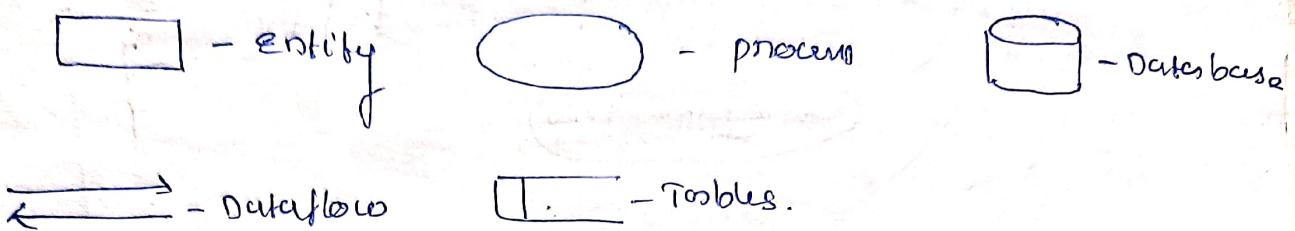
- signup
- login
- view profile, edit profile.
- view nearby fuel station.
- view fuel stocks
- Booking and payment
  - view booking report
    - send and view review
- view nearby EV charging point.
- view free slot
  - book slot

- view previous booking
- send and view reviews
- view nearby workers
  - view app reviews
  - view services
    - Request for services
  - view service request status
    - if accepted
      - chat with worker
      - video calling option
      - Tracking option
      - send reviews
- Add road block information (geo tagged)
- view nearby block information using gps (Based on the distance with that point)
- Road disruption detection and view alerts if the user approaches to that area.  
Road disruption are registered with the help of phone sensors (Accelerometer and GPS sensor)
- Document manage and its expiry alert.

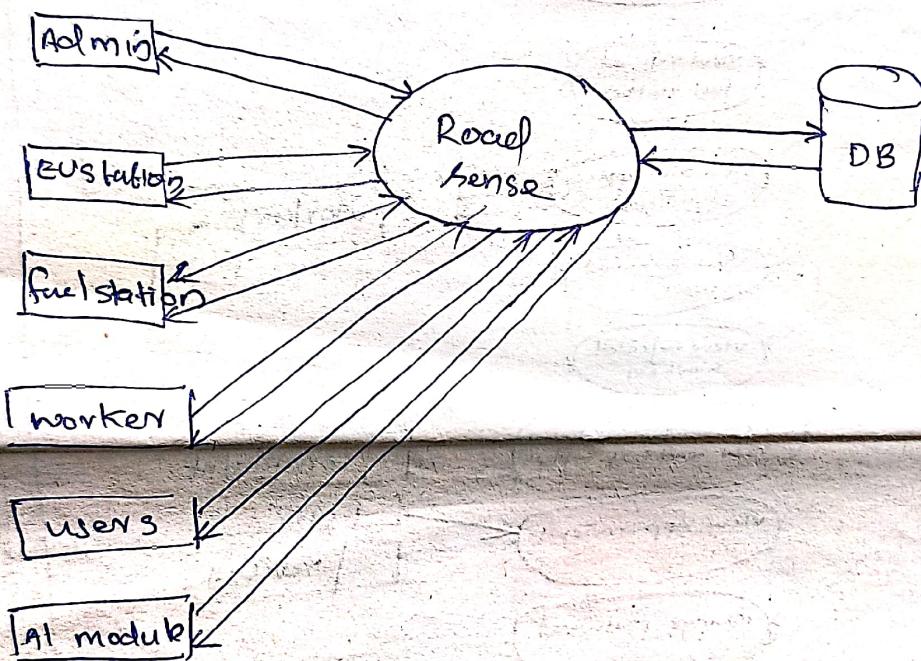
## 6. AI module

- Road disruption detection using mobile computing
- crowd sourcing technology
- review and rating conversion using sentiment analysis

# DFD ( Dataflow Diagram )

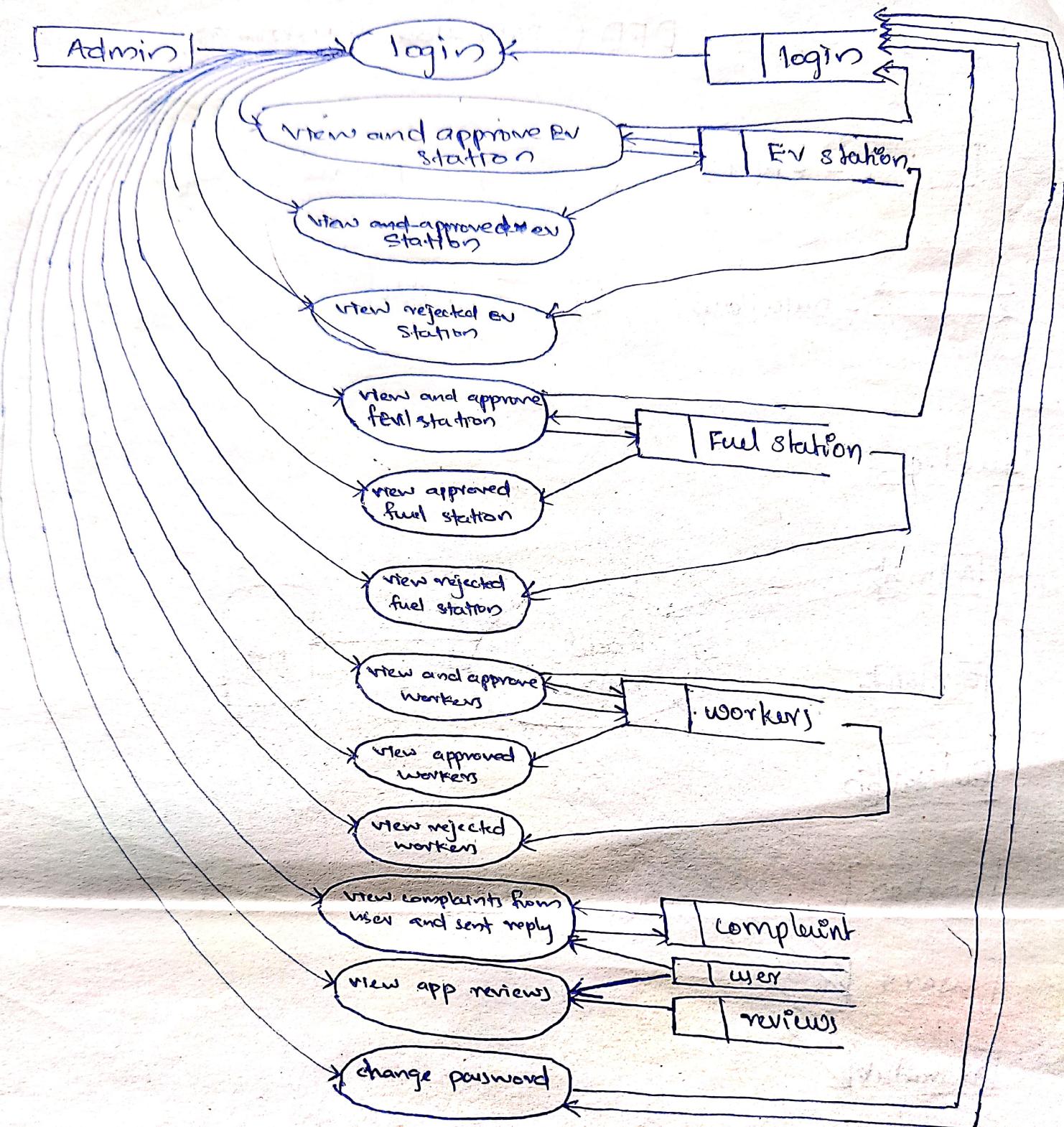


Level 1.0

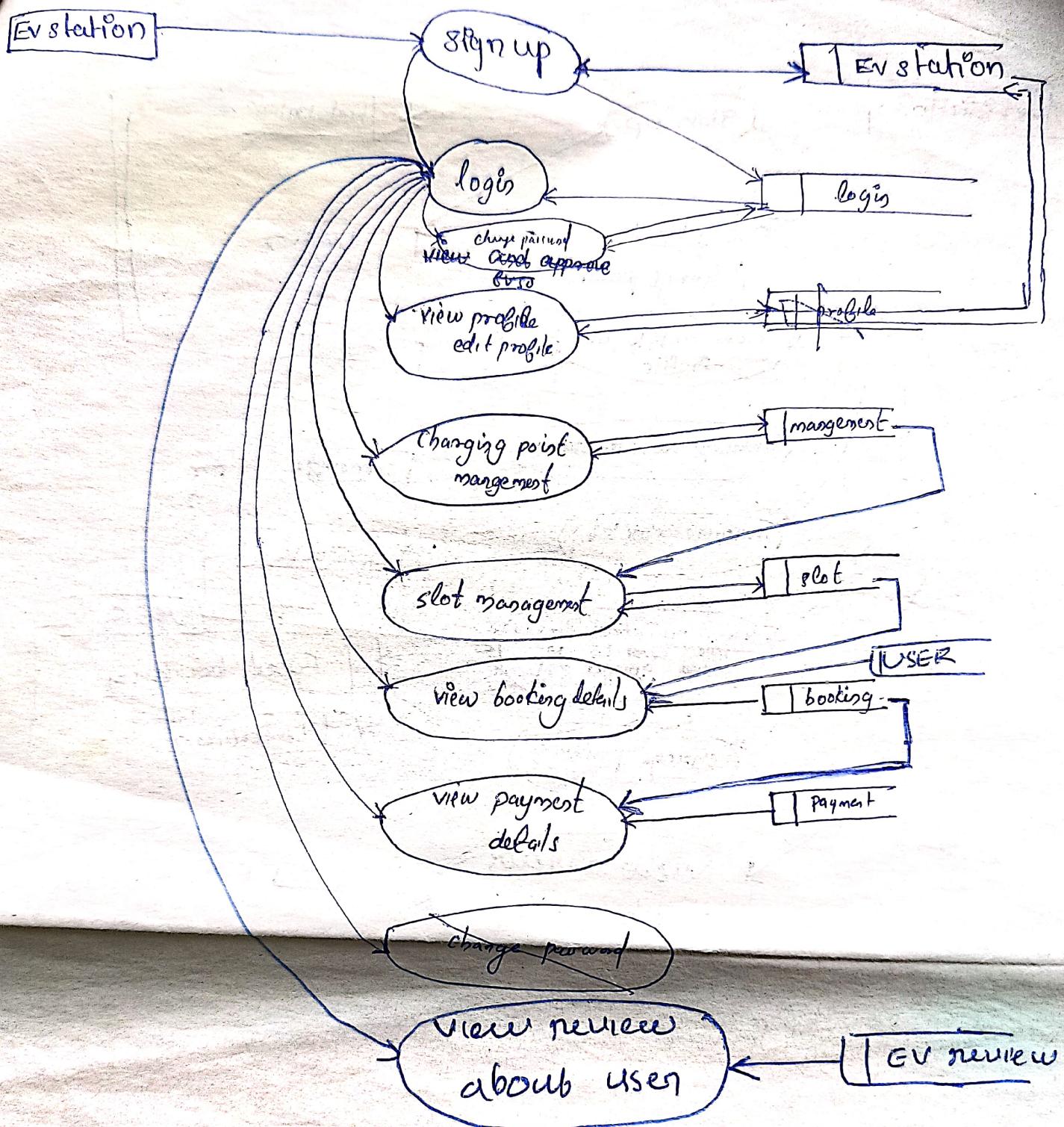


level 1

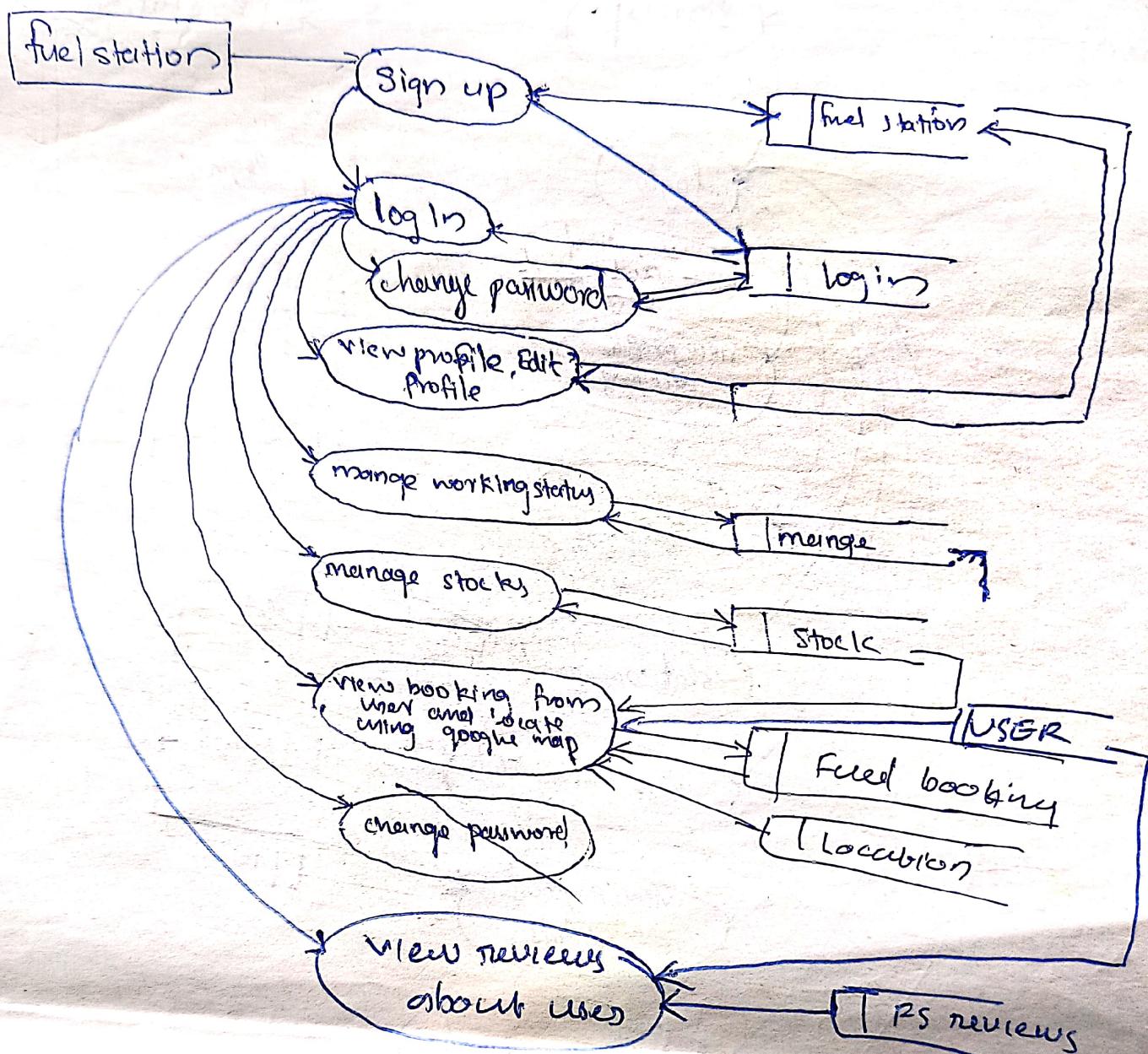
# level 1



Level 2



① level 3



Level 4

