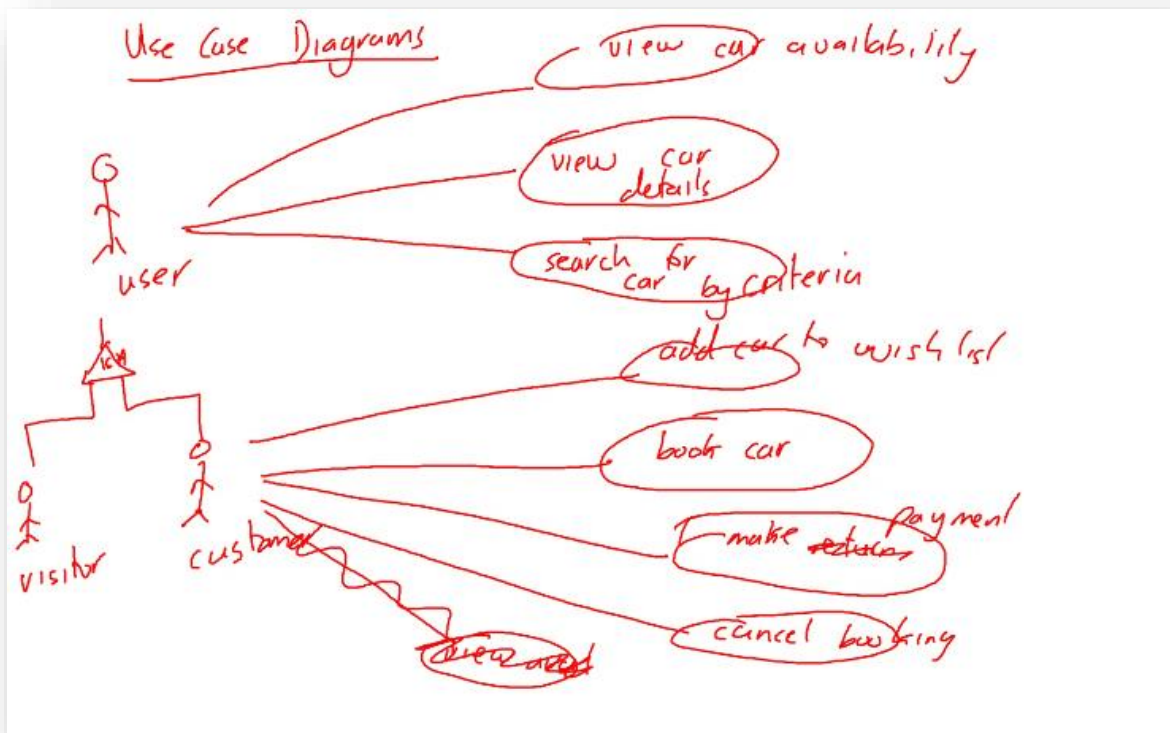


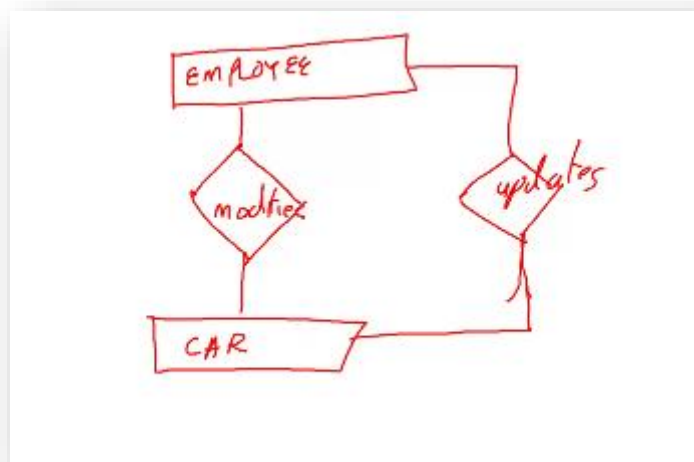
## PROJECT OVERVIEW

- Business Description – describe the purpose of your business
- Function Requirements – User Centric:
  - Example: Car Rental Systems. The users are:
    - Owner
    - Customers – Local/Tourists
    - Employees
    - Visitors
    - Visitors should be able to choose cars/be able to choose cars by criteria
    - Customers can be able to do operations that visitors can, as well as the following:
      - Customers should be able to rent
      - Customers should be able to make a payment
      - Customer should be able to cancel
  - Include a drawing

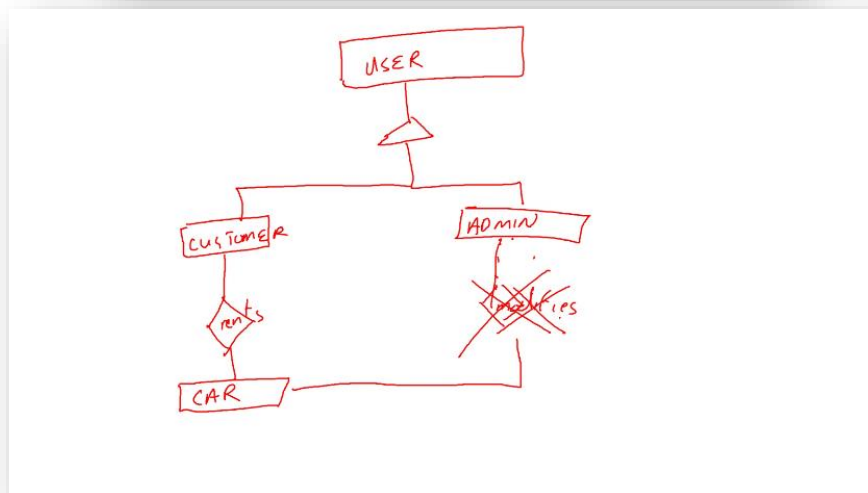


- Front End
  - Website visible to all users and search engine
  - <meta name = "robot" content = "index follow archive">
- Back End
  - Website not visible to search engines
  - Accessed by some users only

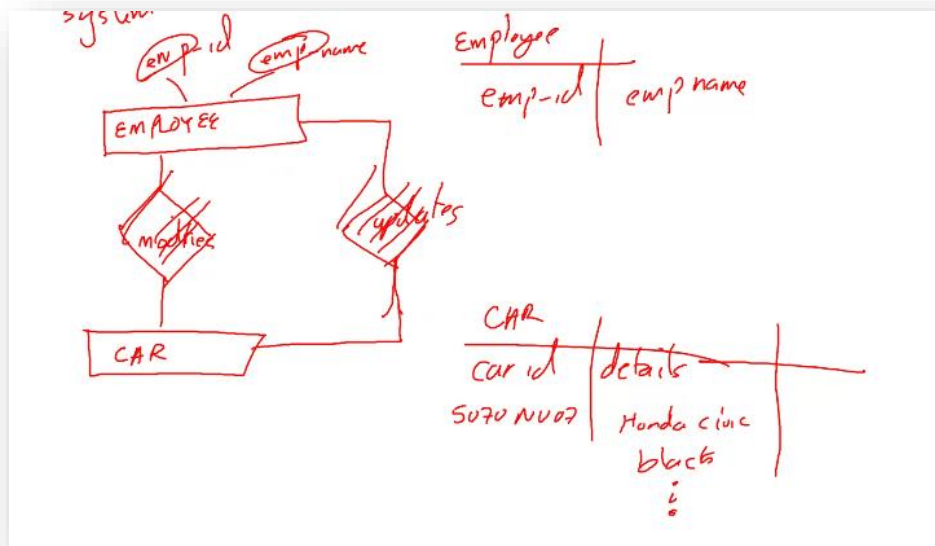
- Owner/Employees can change car details
- `<meta name = "robot"`  
content = "no index">
- Can have to HD docs where both are connected to the same database
- **Crawlers/Spiders** - read the page and add the terms within that page into its data structure
- **Follow** – follow any links on current page and process those pages accordingly
- **Archive** – keep a cached version
- **ERD's** – data representative of data that needs to be stored on the system. ERD is not about showing access control



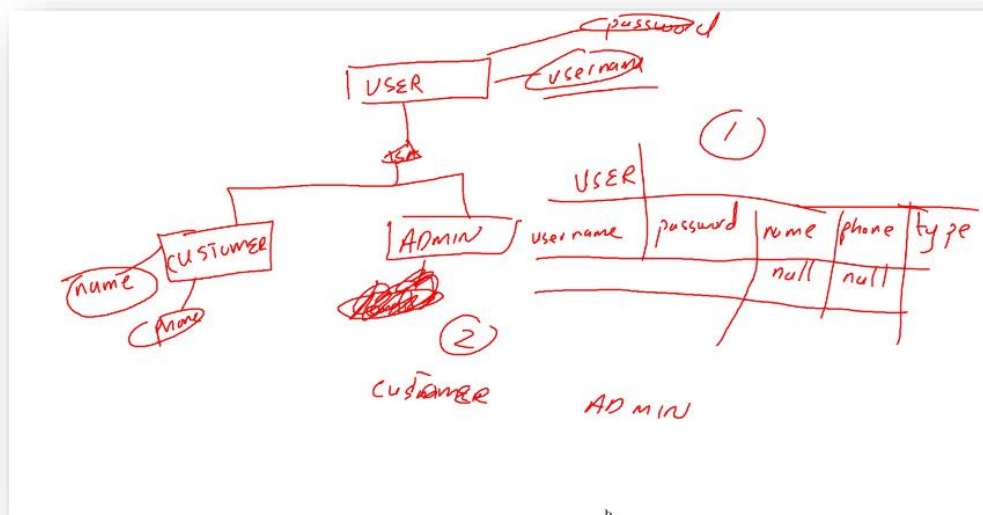
**DONT**



- It's okay to have an entity which is not connected to others. Do not create additional relationship. It shows access control which is not required



DO



- Can choose between option 1 and option 2
  - Option 1 is good for maintenance and alter any data
  - Option 2 is good as it removes any NULL values and it is easier to read the tables
- For UML|ERD, avoid using Microsoft Word. You can choose:
  - [Lucid chart](#)
  - [Canva](#)
- You can give flowchart but is not worth it. Finally, do not submit a PDF of 50 pages – “It will be useless.”