

# Feature Lists

* Essential Features:
  + DB/BL: Database of recorded history of customer rentals (Name, Contact Detail, DOB).
  + Have a History of Returned Rentals (only returned after final inspection)
    - DB/BL: view particular stores, car information  i.e. how many times a particular car is rented out.
  + DB/BL: Car recommendation system based on geography, time, availability no. passengers.
  + UI/UX: Web GUI.
  + UI/UX: View all cars available for rent.
  + UI/UX: Fetch and display data in a readable format based on users selected e.g. table of all cars rented by a single customer.
    - Management staff/ Data analyst can use web interface to fetch data from database system
    - Have a filter system so customers can refine searches

* Moderate Priority Features
  + Minimise user inputs (Have a simple to use interface – drop down menu/simple search and simple action buttons.
* Optional/Low Priority Features
  + Use of logos for brands of cars i.e. Holden or Ford
  + Use of images for cars
* Security\*
  + Encrypted accounts
  + Client side input validation
  + Staff and Client sides separate
  + Database security
  + XSS protection
* GUI
  + Clear GUI
  + Data displayed in user-friendly/readable format
  + Optimised design
* Development
  + Industry Coding Convention - PEP 8 style guide
  + Use of Git for source control
  + Selenium for use in testing
  + Implemented using Django/MySQL
* Server reliability
  + Using reliable cloud based server hosting
    - Such as: AWS, Google Cloud, etc…