

# Features

## Developers

### Jeremy

Initial webpage that has the option for:

#### Locations

- This has a list of all locations, when clicked on shows a list of currently available vehicles.
- If they select a date of when they want to hire it, it shows the top 2-3 popular vehicles as suggestions.

#### Passenger Vehicles (cars, 4wds, minivans, etc)

- When clicking on a vehicle it shows how many are currently available at each location.
- Ability to search by transmission type, fuel type, year model

#### Commercial Vehicles (trucks etc)

- When clicking on a vehicle it shows how many are currently available at each location.
- Ability to search by transmission type, fuel type, year model
  - More than one may be selected (user can select passenger and commercial)

#### Admin (login page for employees only)

- Customers can view vehicles without logging in
- When customers log in - shows all their contact details and rental history
  - Rental history as another link to new page
- Currently hired vehicles (from where and by who)
  - Table presented upon employee login
- Currently available vehicles (from where)
- Reports - ability to show report by location, car type, length of hire, address of customer, customer type
- Pre-configured reports:
  - showing monthly rentals per location
  - top 2-3 popular car types based on driver city and time of month

#### Database

- Need to clean data and determine how to use.

Functionality must be integrated, i.e. one thing selected affects the next selection. Search patterns.

### Kirsten

- Maybe when you first enter the website it asks for which **location** you live closest to – due to CRC having three locations
- Then the sight will load the cars they have at the set location
- Somewhere on the page they should have a wrong location? Button or something so the user can re-select the location if need be.
- Which would save current changes to the data but then clear car record and load correct car record.

- There should be a search function where the user can select what ideal car they are looking for
- Search functionality in the sense of broad (e.g. hatchback) or in detail (Mazda 3 2017 automatic)
- Depending how intense we want to go we can make it only single search or it searches each word in the search bar/tab
- All car data should be in a database with this data being updated regularly (e.g. when users click save or close the application) – The application should also be linked to the database
- There should be a renting car aspect, along with a return car aspect
- The rent car aspect should ask the user to input their details (e.g. name, contact details, date of birth.)
- Whereas the return car aspect should ask the user to input the cars registration or their rental receipt number.
- However, this should not say that the car has been returned, rather it should create a pop-up saying 'inspection in progress', where there will be a button saying notify me when inspection is complete.
- Maybe we could update the database at this point to say inspection...
- There will be a separate log in area for employees of the company, where they will be able to access further information about a customers rentals, including:
- order ID, vehicle information, payment, late of return a car, a different return location, car accident or lost).
- The database could include files with all customer information, car information, store information and times responding to each.
- These should be able to be altered and maybe ordered differently, which should then be updated in the database
- The database should have the functionality to autofill incomplete orders or incomplete data
- In the sense that when it comes to incomplete data it deletes that line of code as it is probably a double up or a false claim.
- Maybe include a section where the user can let us recommend a vehicle for them, in the sense of if they are unsure of what car they want we can choose it for them through asking them to answer questions related to:
- The demographic they live in, do they prefer a larger or smaller car, what the purpose of the car will be (where will they be traveling what will they be doing, etc.)
- Maybe include on the customers site one of those what can we help you with today, so that the customers can ask and questions or queries to an employee and get an instant response.
- Along with the files including all customer, car, store information there should be a drop down box that allows you to select a specific customer, car and or store to find out information about.
- We want both employees and customers to log-in so I have two options on what could be done:
  - Both employees and customers log in, in the same area, however employees will have a different login username to customers meaning they will be directed to a different area to customers.
  - Customers log in through a log in button at the top, whereas an employee would have to scroll to the bottom of the page (the footer of the application), to access the separate area where they log in.
- In the employees section of the web application we should assign levels of authenticity to certain roles, files, etc.
- Meaning a low level employee should not be able to access private confidential information that only a manager should be able to access.

- Contact CRC option.
- Log out after 30 minutes.

## TJ

### Initial Page

- Initial webpage should display simple interface with a search box to search for cars by date.
- Based on location and date it should display which cars are available.
  - Vehicle type should be declared early in process to refine results.
- Pick up and return locations able to be selected, pick up dictates what vehicles are available.
  - More than one may be selected (e.g. Brisbane and Gold Coast)
- Suggested cars based on current on location, or location that was input.
- After initial search, functionality could become filter based. I.e. cars with 4WD.
- Search fields need to have validation functions.

### Database

- Database needs to be managed and made consistent.
  - This will dictate search functionality, employee login, client registration and vehicle registration.
- Information added to database needs to be validated when input by user. E.g. employee adding new rental on site, clients signing up.
- Need to determine how it will be operated. I.e. CSV, SQL.

### Employee Page

- Employee page upon login needs to be able to present current rentals, recently completed rentals and future bookings. Possibility of cars in inspection?
- Separate page for employee login, more discrete.

### Client Login

- Visible and easy to access for clients to login.
- Different employees should have different access to information, privacy and sensitive information.
- Can view future, current, and past rentals with car details.
- Suggested cars at the bottom of the page.

## Jack

## Client

### Wenona

- The systems should store the name, contact details and date of birth of customer's when they rent or return a vehicle.

- Note: car refers to all vehicles (4WDs, mini buses etc)
- Two different lots of information stored – CRC database and local database
  - Combine into one?
  - If to combine, CRC database should contain all details: name, contact details, date of birth, order ID, vehicle information, payment, and pickup or return.
- History for rental services database should include: customer information, car information, store information and time
  - Different database to customers who have ordered/picked up cars but not returned
  - After a car is returned, an entry is made into the rental services database
- Stated functions (need two for management and one for customer services):
  - The board wants to browse the numbers of different cars that are picked up or returned in some stores (e.g., Brisbane, Gold coast, Sydney) monthly.
    - § Simple query in main database/filters etc
  - Car recommendations to customers. The board hopes to provide a new service to customers to help them choosing a car (type) based on customers geography (city) information and time (Month).
  - Customer can have access to view all the available cars for rent
  - Login for employees to view database
- Login (employee/customer)
  - Define these terms
  - Employee has login and password, customer does not
- To do:
  - Should go through the data (excel document)
  - Detail requirements