**Summative Project Requirement Document**

*Java Developer Cohort 1*

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*17th May 2021*

*Basic Introduction*

*This management systems features both the End user (i.e Customer) where the view is on their reservations related information and administrator where there is autonomy to change and manage the system. Features like updating the information about the vehicles the rental system has got to offer and keeping track of all vehicles reservations.*

*To create a vehicle hiring management system that provides the end user with an easy access to hire vehicles with the options for them to select. Ensuring the easy access to pay for the rental online, calculating the fare based on the number of days they selected.*

*Admin Module:*

1. *Edit*
2. *View*
3. *Delete*

*NB: Admin has the authority to view transaction details of the users, able to view the driver details and doing updates on vehicles.*

*User Module:*

1. *Login*
2. *Register*
3. *View*

*NB: This module enables the user to Login/Register, view vehicle details and hiring vehicle and performs the transaction.*

*Basic Flow:*

**Admin Login Details**

*Steps:*

* *Start*
* *Login to the account with a unique username and password (Password length and unique criteria will be set Max Char 8-24 plus special characters requirement)*
* *Select Options (Dropdown box)*
* *Add types of Vehicles (Hatchback, SUV etc)*
* *Add/Delete/Update vehicle details*
* *View vehicle reservations of the users*
* *Confirm vehicle reservation and calculate fare based on distance.*
* *Stop*

**Customer Login Details**

*Steps:*

* *Start*
* *Login to the account with username and password*
* *If not registered, register by filling up required details.*
* *In the vehicles selection page where user will select their desired model, entering the date for hire, duration and their desired collection point.*
* *Terms & Conditions acknowledgement page*
* *View bill and make payment transaction page*
* *Confirmation page*
* *Stop*