**Release and Sprint Plans**

**Team Number 96**

|  |  |
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Release Plan

# Release 1

Delivery date: 26/10/2018 Total Story Points:64

The goal for this release is to have a working website with all the core features mentioned in the assessment outline. This includes a search and filter function for all vehicles, creating a new account and viewing other customer’s account details, being able to login as a customer or a manager, being able to book a vehicle as a customer or edit a vehicle’s details as a manager, and a few more features as mentioned in the tables below.

## Search / Filter

Users can search and/or filter information to find cars with specific details.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 04 | Search for cars | 8 |
| 05 | Filter cars by detail | 8 |
|  | Story Point Sub-Total: | 16 |

## Login / Account details

Users can have access to website features that may provide information based on their role and manage account details.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 01 | Creating new account | 4 |
| 02 | Customer Access System (Browsing) | 2 |
| 03 | Access to role-specific features (Diff. levels) | 4 |
| 12 | Changing Profile Details | 4 |
| 13 | Viewing other customer profiles | 2 |
|  | Story Point Sub-Total: | 16 |

## Car Information / Renting

Users can view information about cars and process payments online.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 06 | Car Status (Location,availability) | 2 |
| 07 | Online Car Reservation | 2 |
| 08 | Online Payment | 2 |
| 09 | Writing Customer reviews | 2 |
| 10 | Viewing Customer reviews | 2 |
| 15 | Car Return Notification | 4 |
|  | Story Point Sub-Total: | 14 |

## Management / Analytics

Users can add and edit data.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 11 | Editing and Adding Data | 8 |
| 14 | Car Recommendations for Customers | 2 |
| 16 | Data Analytics (Monthly/Yearly performance) | 8 |
|  | Story Point Sub-Total: | 18 |

## 

# Release 2

Delivery date: TBA

The goals for release 2 are to develop mobile application access to the web interface for users to access on their phones and to develop a user to user interaction, which will include comment features, private messaging and forum discussion.

Total Story Points: 42

## Mobile Application Development

Users can perform the same tasks as the web interface on their phone, via app or browser.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 17 | Mobile Application Access | 16 |
| 21 | Mobile Website Access | 8 |
|  | Story Point Sub-Total: | 24 |

**User to User Interaction**

Users are able to interact (discuss cars, ask questions) with other users in various ways, either privately or publicly.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 18 | Comment features | 2 |
| 19 | Private messaging | 8 |
| 20 | Forums and Discussion Feature | 8 |
|  | Story Point Sub-Total: | 18 |

# 

# Delivery Schedule

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 |
| Sprint 1 | | | | Sprint 2 | | | |
| Release 1 | | | | Release 1 | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 14 | Week 15 | Week 16 | Week 17 | Week 18 | Week 19 | Week 20 | Week 21 |
| Sprint 3 | | | | Sprint 4 | | Sprint 4 | |
| Release 2 | | | | | | | |

## Estimated Velocity: 20

Sprint Plan

# Sprint 1

Total Story Points: 20 Total Hours: 25

## Current Velocity: *undefined*

## Story 01: Creating new account

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Create new account page | 1 |  |
| 02 | Implementing code for verifying fields | 1 |  |
| 03 | Adding account to database | 1 |  |
| 04 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 4 Total Hours: | 4 |  |

## Story 02: Different levels of authorisation/login (Access to role-specific features)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Create login page | 1 |  |
| 02 | Implementing code for verifying fields + checking if account exists | 1 |  |
| 03 | Logging in as respected used based on login details | 1 |  |
| 04 | Implementing code for hiding/showing features on pages based on level of authentication | 2 |  |
| 05 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 4 Total Hours: | 6 |  |

## Story 03: Search Function

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Migrating database to the web server | 2 |  |
| 02 | Implementing code for search query that goes through each item in database | 4 |  |
| 03 | Displaying items on webpage that matches the query | 2 |  |
| 04 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 8 Total Hours: | 9 |  |

## Story 04: Vehicle status and store location

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Migrating database to the web server | 2 |  |
| 02 | Displaying vehicle status on search-list page/individual vehicle page | 2 |  |
| 03 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 5 |  |

## 

## 

## Story 05: Online vehicle reservation

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Create reservation page | 1 |  |
| 02 | Implementing code for booking/reserving a vehicle | 2 |  |
| 03 | Updating vehicle status in database | 1 |  |
| 04 | Displaying new status of vehicles on search-list page/individual vehicle page | 1 |  |
| 05 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 6 |  |

# Sprint 2

Total Story Points: 45 Total Hours: 60

## Current Velocity: *undefined*

## Story 01: Filter Car Details

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Add Filter buttons to search page |  |  |
| 02 | Implement code for filtering vehicles |  |  |
| 03 | Verify story is complete (acceptance test) |  |  |
|  | Story Points: 8 Total Hours: |  |  |

## Story 02: Customer Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Create edit information page | 1 |  |
| 02 | Implementing code for saving updated details to database | 1 |  |
| 03 | Create page for a customer profile page | 1 |  |
| 04 | Implementing code to retrieve appropriate information from database. | 2 |  |
| 05 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 4 Total Hours: | 6 |  |

## Story 03: Management/Analytics

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Migrating database to the web server | 2 |  |
| 02 | Implementing code for search query that goes through each item in database | 4 |  |
| 03 | Displaying items on webpage that matches the query | 2 |  |
| 04 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 8 Total Hours: | 9 |  |

## Story 04: Customer Reviews

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Migrating database to the web server | 2 |  |
| 02 | Displaying vehicle status on search-list page/individual vehicle page | 2 |  |
| 03 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 5 |  |