**Release and Sprint Plans**

**Team Number 23**

|  |  |
| --- | --- |
| **Student Number** | **Team Member Name** |
| N10198067 | Francis King |
| N9990186 | Samuel Gillespie |
| N10109960 | Aidan Perera |
| N9790136 | JianHong Lee |
| N10014195 | Tom Kirby |

Tutor: Ms Parvaneh Boroujeni

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**Release Plan**

# **Release 1**

Delivery date: 17/10/2018 Total Story Points:68

The goals for this release are centred around initial functionality and the core components of the project. The focus is for the most essential pieces to meet the client’s requirements to be completed.

## **Accounts**

Provides different levels of users a restricted set of permissions allowed to them to maintain an easy to understand and clean design. This is useful

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| #2 | Manage Staff Details | 16 |
| #13 | Manage Customer Details | 16 |
| #5 | Ability To Log-In/Out | 4 |
|  | Story Point Sub-Total: | 36 |

## **Car Information**

Provides the basis of the website and allows for the car to

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| #15 | Managing Vehicle Data | 16 |
| #6 | Online Booking Vehicles | 16 |
|  | Story Point Sub-Total: | 32 |

# 

# **Release 2**

Delivery date: To be decided upon Total Story Points:62

The goal of this release was to ensure the numbers and upper-level content are in-place for any situation that may arise within the grounds of the company. This will ensure that the project has more functionality and feels more fleshed out for all users of the system.

## **Car Tracking**

Users will be able to see any specific details on cars and higher level users will have access to demographics and editing of figures within the database.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| #1 | View vehicle Locations | 4 |
| #4 | Browse No Of Vehicles Picked-Up/Returned | 2 |
|  | Story Point Sub-Total: | 6 |

## **Managerial interface**

Higher level users will be able to refer to Customer Information in order to view statistics, graphs and trends within customer data ensuring that they are utilising all of their resources to predict future outcomes.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| #3 | Check Reports | 16 |
| #17 | Manage Customer Invoices | 4 |
| #18 | Homepage for employees | 8 |
|  | Story Point Sub-Total: | 28 |

## **Customer interface**

This allows for more accessibility for Customers giving them access to creating their own accounts and creating a platform for future iterations.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| #9 | Recommendations | 16 |
| #7 | Store Customer Details | 8 |
| #11 | Pick Up Location | 2 |
| #10 | Dealership location | 2 |
|  | Story Point Sub-Total: | 28 |

# 

# **Release 3**

Delivery date: To be decided upon Total Story Points:16

This release focuses on features which are less necessary and more of the overall satisfaction of the users of the product. The goal is to make improve functionality and time spent navigating.

## **User experience features**

The user experience features segment is focussed on delighters for the users and adding value to their use of the domain or maximizing their work potential. The system will not be dramatically impacted if these are left unimplemented.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| #16 | Managing profiles | 16 |
|  | Story Point Sub-Total: | 16 |

# **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 |  |  |  |  |  |
| Sprint 3 | | | |  | |  | |
| Release 3, 4, … | | | | | | | |

## Estimated Velocity: 70 (3.5\*4\*5) (Hours per week\*Weeks\*Group Members)

**Sprint Plan**

# **Sprint 1**

Total Story Points:68 Total Hours: 159

## Current Velocity: 70

## **Story ID: 2 Manage Staff Details**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T1 | Staff database table | 1 | 0.5 |
| T2 | Database interface | 1 | 1 |
| T3 | Insert/modify values into the database | 4 | 5 |
| T4 | Validate entries | 4 | 3 |
| T5 | Retrieve values from database | 2 | 2 |
| T6 | Staff management webpages | 2 | 2 |
| T7 | Search bar | 2 | 2 |
| T8 | Create staff member page | 4 | 3 |
| T9 | Search results page | 4 | 4 |
| T10 | Modify staff page | 4 | 3 |
|  | Story Points: 16 Total Hours: | 28 |  |

## **Story ID: 13** Manage Customer Details

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T11 | Customer database table | 1 | 0.5 |
| T12 | Database interface | 1 | 1 |
| T13 | Insert/modify values into the database | 4 | 3 |
| T14 | Validate entries | 4 | 3 |
| T15 | Retrieve values from the database | 2 | 2 |
| T16 | Delete Row | 2 | 3 |
| T17 | Customer details webpages | 2 | 2 |
| T18 | View customers webpage | 2 | 2 |
| T19 | Search function | 1 | 1 |
| T20 | Search bar | 2 | 2 |
| T21 | Detailed result | 4 | 5 |
| T22 | Delete Button | 1 | 1 |
| T23 | Create Customer webpage | 4 | 5 |
| T24 | Modify Customer Webpage | 4 | 5 |
|  | Story Points: 16 Total Hours: | 34 |  |

## 

## 

## **Story ID: 5** Ability To Log-In/Out

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T25 | Users Table | 1 | 0.5 |
| T26 | Login Button | 1 | 0.5 |
| T27 | Login Page | 2 | 2 |
| T28 | Validate Entries | 4 | 2.5 |
| T29 | Role Separation | 2 | 2 |
| T30 | Error Messages | 2 | 1 |
| T31 | Create Session | 4 | 2.5 |
| T32 | Logout Button | 2 | 1 |
|  | Story Points: 4 Total Hours: | 18 |  |

## **Story ID: 15** Managing Vehicle Data

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T33 | Vehicle database table | 2 | 2 |
| T34 | Database interface | 2 | 1 |
| T35 | Retrieve details | 2 | 2 |
| T36 | Insert/modify values | 4 | 3 |
| T37 | Validate details | 4 | 3 |
| T38 | Delete Rows | 1 | 1 |
| T39 | Vehicle Webpages | 2 | 2 |
| T40 | View Vehicle webpage | 2 | 2 |
| T41 | Search vehicles | 4 | 3 |
| T42 | Detailed view | 4 | 5 |
| T43 | Delete vehicle button | 1 | 1 |
| T44 | Create vehicle | 2 | 2 |
| T45 | Modify vehicle | 4 | 3 |
|  | Story Points: 16 Total Hours: | 34 |  |

## **Story ID: 6** Online Booking Vehicles

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T46 | Create Order database table | 1 | 1 |
| T47 | Insert/modify values | 4 | 6 |
| T48 | Validate entries | 4 | 4 |
| T49 | book vehicle pages | 2 | 1 |
| T50 | Search vehicles | 2 | 1 |
| T51 | Search criteria | 4 | 3 |
| T52 | Search Button | 1 | 1 |
| T53 | Validate inputs | 4 | 3 |
| T54 | Results page | 2 | 1 |
| T55 | Book button | 1 | 2 |
| T56 | Details Button | 1 | 2 |
| T57 | Detailed view page | 4 | 3 |
| T58 | Book Button | 1 | 1 |
| T59 | Customer details page | 4 | 4 |
| T60 | Order confirmation page | 4 | 4 |
| T61 | Pay button | 1 | 1 |
| T62 | Payment page | 4 | 4 |
| T63 | Cancel Button | 1 | 1 |
|  | Story Points: 16 Total Hours: | 45 |  |

## 

**Sprint Plan**

# **Sprint 2**

Total Story Points: 37 Total Hours: 43.5

## Current Velocity: 68

## **Story ID: 1 View Vehicle locations**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Location database Table | 4 | 3 |
|  | Vehicle location view | 1 | 1 |
|  | View controller | 1 | 1 |
|  | View interface | 2 | 2 |
|  | Story Points: 4 Total Hours: | 8 | 7 |

## **Story ID: 4 Browse number of vehicles picked-up or returned**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Vehicle status view | 1 | 1 |
|  | View controller | 1 | 1 |
|  | View interface | 2 | 2 |
|  | Story Points: 2 Total Hours: | 4 | 4 |

## **Story ID: 3 Check Reports**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Reports database Table | 4 | 4 |
|  | Reports controller | 1 | 1 |
|  | Search Reports | 4 | 4 |
|  | Create reports | 4 | 5 |
|  | Reports page | 1 | 1 |
|  | View reports | 1 | 1 |
|  | Search reports | 2 | 2 |
|  | Create reports | 2 | 2 |
|  | Story Points: 8 Total Hours: | 19 | 20 |

## **Story ID: 17 Manage Customer Invoices**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Invoice database table | 1 | 1 |
|  | Invoice Controller | 1 | 1 |
|  | Create Invoices | 0.5 | 1 |
|  | Modify Invoices | 0.5 | 0.5 |
|  | Search Invoices | 2 | 1 |
|  | Invoice interface | 1 | 2 |
|  | Search page | 1 | 1 |
|  | Modify page | 2 | 1 |
|  | Create page | 1 | 1 |
|  | Story Points: 8 Total Hours: | 10 | 9.5 |

## **Story ID: 18 homepage for employees**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Interface | 2 | 2 |
|  | Create Title block | 1 | 2 |
|  | Graphs | 4 | 4 |
|  | Story Points: 4 Total Hours: | 7 | 8 |

## **Story ID: 9 recommendations**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | managing preferences | 4 | 4 |
|  | Analysing preferences | 4 | 4 |
|  | Checking recent purchases | 2 | 2 |
|  | Populating results | 2 | 4 |
|  | Updating recommendations according to user and location | 4 | 4 |
|  | Story Points: 8 Total Hours: | 16 | 18 |

## **Story ID: 7 store customer details**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Customer Interface | 2 | 2 |
|  | Create user | 2 | 2 |
|  | Story Points: 2 Total Hours: | 4 | 4 |

## **Story ID: 11 pick up location**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Pick up location database table | 1 | 1 |
|  | controller | 0.25 | 0.5 |
|  | Create entry | 0.5 | 0.5 |
|  | Search entries | 0.5 | 0.5 |
|  |  |  |  |
|  | Add into order detail page | 0.5 | 1 |
|  | Story Points: 1 Total Hours: | 2.75 | 3.5 |

## **Story ID: 10 dealership location**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Dealership Location database table | 0.25 | 0.5 |
|  | Controller | 0.5 | 0.5 |
|  | Create location | 0.25 | 0.5 |
|  | Delete Location | 0.25 | 0.5 |
|  | Search location | 0.5 | 0.5 |
|  |  |  |  |
|  | Interface (staff) |  |  |
|  | Add Location | 0.25 | 0.5 |
|  | Delete location | 0.5 | 0.5 |
|  |  |  |  |
|  | Interface (customer) | 0.5 | 1 |
|  | View Location | 0.5 | 0.5 |
|  | Story Points: 2 Total Hours: | 3.5 | 5 |

## 