**Release and Sprint Plans 2**

**Team 94 (Individual)**

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Tutor: Prakash

Date: 19 Oct 2018

Release Plan

# Release 1

Delivery date: 26 October 2018

Set up query display to deliver key business features for client use.

Reorganize and cleaning of data for query.

User authentication for role based access to features.

Total Story Points: 14

## Navigation menu

To access the other features easily

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S1 | Navigation menu and welcome screen | 1 |

## Data queries

To provide key features which bring immediate value to the client, such as analysis, car recommendation for internal use and car search

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S2 | Car search | 2 |
| S3 | Analysis | 2 |
| S4 | Car recommendation | 2 |
|  | Story Point Sub-Total: | 6 |

## User authentication

Allows customers to register their personal data into the database. Non-staff members can use external features such as car search and recommendation without logging in.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S5 | User authentication | 1 |
| S6 | Registration | 1 |
| S7 | Role based access for internal and external features | 1 |
|  | Story Point Sub-Total: | 3 |

# Data organization and input

Organizes data in a way which can be used for queries. The input pages allow new data to be stored in a meaningful way for queries.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S8 | Database organization | 2 |
| S9 | ‘Create customer’ page | 1 |
| S10 | ‘Create rental’ page | 1 |
|  | Story Point Sub-Total: | 4 |

# Release 2

Delivery date: To be negotiated Total Story Points:6

This release intends to improve data input. This allows the functions from release 1 to handle new data.

## Aesthetic design of web page

To redesign the web page for better readability and experience

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S11 | Navigation menu | 1 |
| S12 | General page design | 1 |
| S13 | Query display design | 1 |
|  | Story Point Sub-Total: | 3 |

## Data query improvement

Increases number of ways to analyse data

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S14 | Filter by multiple fields | 2 |
| S15 | Filter displayed fields | 1 |
|  | Story Point Sub-Total: | 3 |

# Release 3

Delivery date: To be negotiated Total Story Points:13

Enhance analysis by implementing report functions.  
Expand customer services to include bookings.

## Report

Shows trends of popular/unpopular cars, stores, and other trends for decision making.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S16 | Monthly report | 1 |
| S17 | Email report | 2 |
|  | Story Point Sub-Total: | 3 |

## Customer booking

Allows customer to make bookings online

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S18 | Database implementation for booking | 2 |
| S19 | Booking page | 1 |
| S20 | Display available bookings | 3 |
| S21 | Check out and payment | 2 |
|  | Story Point Sub-Total: | 7 |

# 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, … | | | | | | | |

Sprint Plan

# Sprint 2

Total Story Points: 14 Total Hours: 26

## Current Velocity: 7 (This group has 1 person)

## Story ID: S1 Nav and welcome screen

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T1 | Base template and menu design | 0.5 | 0.5 |
| T2 | Implementation | 1 | 1 |
| T3 | Testing | 0.5 | 0.5 |
|  | Story Points: Total Hours: | 2 | 2 |

## Story ID: S8 Data organization

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T4 | Draw class diagram | 1 | 1.5 |
| T5 | Organize data into respective models | 2 | 2 |
| T6 | Import data | 0.5 | 0.5 |
| T7 | Check data | 1 | 1 |
|  | Story Points: Total Hours: | 4.5 | 5 |

## Story ID: S5 User authentication

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T8 | Create login page | 0.5 | 0.5 |
| T9 | Create logout page | 0.5 | 0.5 |
|  | Story Points: Total Hours: | 1 | 1 |

## Story ID: S6 Registration

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T11 | Create registration form page | 0.5 | 1.5 |
| T12 | Validify data | 0.5 | 0.5 |
| T13 | Test registration | 0.5 | 0.5 |
|  | Story Points: Total Hours: | 1.5 | 2.5 |

## Story ID: S7 Role based authentication

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T14 | Implementation | 1 | 1 |
| T15 | Test access for each feature and role | 1 | 1 |
|  | Story Points: Total Hours: | 2 | 2 |

## Story ID: S2 Car Search

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T16 | Write query | 0.5 | 1 |
| T17 | Check query | 0.5 | 0.5 |
| T18 | Html and view design | 1 | 1.5 |
| T19 | Test Search | 0.5 | 0.5 |
|  | Story Points: Total Hours: | 2.5 | 3.5 |

## Story ID: S3 Analysis

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T20 | Write query | 0.5 | 1 |
| T21 | Check query | 0.5 | 0.5 |
| T22 | Html and view design | 1 | 1.5 |
| T23 | Test Search | 0.5 | 0.5 |
|  | Story Points: Total Hours: | 2.5 | 3.5 |

## Story ID: S4 Car recommendation

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T24 | Write query | 0.5 | 1 |
| T25 | Check query | 0.5 | 0.5 |
| T26 | Html and view design | 1 | 1.5 |
| T27 | Test feature | 0.5 | 0.5 |
|  | Story Points: Total Hours: | 2.5 | 3.5 |

## Story ID: S9 ‘Create customer’ page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T28 | Page design | 0.25 | 0.25 |
| T29 | Form design | 0.5 | 1 |
| T30 | Test feature | 0.5 | 0.5 |
|  | Story Points: Total Hours: | 1.25 | 1.75 |

## Story ID: S10 ‘Create rental’ page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T31 | Page design | 0.25 | 0.25 |
| T32 | Form design | 0.5 | 0.5 |
| T33 | Test feature | 0.5 | 0.5 |
|  | Story Points: Total Hours: | 1.25 | 1.25 |