**Release and Sprint Plans**

**Team Number 2**

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Date:17/08/18

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Release Plan

# Release 1

Delivery date: Week 13 Total Story Points: 21

This release aims to offer clients with a working prototype to provide a first-hand experience with the MotorSpecs Application. The application will be open to further improvements.

## Feature: Searching

This feature provides users with access to the database for vehicle details and customer details.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 1 | Employee Search | 4 |
| 1 | Customer Search | 4 |
|  | Story Point Sub-Total: | 8 |

## Feature: Access Control Part 1

This feature provides users a method to access authenticated content and minor functionalities.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 13 | Log-In Form | 4 |
|  | Story Point Sub-Total: | 4 |

## Feature: Vehicle Details Presentation Part 1

This feature provides users a list of vehicles and a populated database of vehicle details. This will allow developers to operate other features such as the searching feature.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 3 | View Vehicle List | 4 |
|  | Story Point Sub-Total: | 4 |

## Feature: Data and Statistics Presentation Part 1

This feature will allow employees to view business trends. It is required as employees must be able to have access to the progression of the business in an easy-to-read format.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 1 | View Rental Trends | 8 |
| 16 | View Store Trends | 8 |
|  | Story Point Sub-Total: | 16 |

## Feature: Company Details

This feature provides users with company details. This is necessary as users will require these details to reach out to the store.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 5 | View Company Details |  |
| 8 | View Terms and Conditions | 1 |
|  | Story Point Sub-Total: | 1 |

# Release 2

Delivery date: 23/10/18 Total Story Points:27

This release aims to achieve a final working product for outside release. The application should contain all necessary features and provide additional functionalities that improve the quality of the product.

## Feature: Vehicle Recommendation Service

The Vehicle Recommendation Service is a complimentary feature used to provide users with a more specific search.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 9 | Vehicle Recommendation | 8 |
|  | Story Point Sub-Total: | 8 |

## Feature: Access Control Part 2

This feature provides employees a method to register into the database. It is required for future user additions to the database.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 12 | Register Form | 4 |
|  | Story Point Sub-Total: | 4 |

## Feature: Vehicle Details Presentation Part 2

This feature completes the vehicle list page by providing necessary details and images for every existing vehicle in the database.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 6 | View Vehicle Details | 4 |
| 11 | View Vehicle Image | 1 |
|  | Story Point Sub-Total: | 5 |

## Feature: Data and Statistics Presentation Part 2

This feature provides additional information for customers and employees about the business. It also provides authenticated content.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 14 | View Customer Details | 2 |
| 5 | View Individual Store Page | 4 |
| 14 | View Rental History Page | 2 |
| 17 | View FAQs | 1 |
| 18 | View Contacts | 1 |
|  | Story Point Sub-Total: | 10 |

# 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: 21

Sprint Plan

# Sprint 1

Total Story Points: 21 Total Hours: 50.4

## Story 01: General Search

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design an internal search input box | 2 | 1.5 |
| T02 | Clean up database (transform data into useful form) | 3 | 4 |
| T03 | Design and create HTML template for search results page | 3 | 2 |
| T04 | Write code to pass search query through the user input | 7 | 7 |
| T05 | Verify story is complete (acceptance test) | 2 | 1 |
|  | Story Points: 8 Total Hours: | 19.2 | 15.5 |

## Story 02: Access Control Part 1

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design a log-in UI | 1.6 | 0.5 |
| T02 | Create/populate the DB with the admin usernames and passwords | 3 | 0.1 |
| T03 | Write Python authentication protocol code to grant access and maintain session | 4 | 0.5 |
| T04 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 9.6 | 2.1 |

## Story 03: Vehicle Details Presentation Part 1

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and format an HTML page for vehicle list output | 3 | 2 |
| T02 | Write Python code to query for list of vehicles from the database | 4 | 5 |
| T03 | Verify story is complete (acceptance test) | 2 | 1 |
|  | Story Points: 4 Total Hours: | 9.6 | 8 |

**Story 04: Company Details Presentation**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and format an HTML page for company details output | 1 | 1 |
| T02 | Write-up the policies, terms and conditions, procedures etc.. | 0.4 | 1 |
| T03 | Link the written legal resources to the standard HTML page | 0.5 | 0.2 |
| T04 | Verify story is complete (acceptance test) | 0.5 | 0.2 |
|  | Story Points: 1 Total Hours: | 2.4 | 2.4 |

**Story 05: View Rental Trends**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and format an HTML page for rental trends output | 1 | 1 |
| T02 | Write a function to parse through the database and collect information for the new rental trends table | 2 | 2 |
| T03 | Populate the DB with the new rental trends | 1 | 2 |
| T04 | Verify story is complete (acceptance test) | 0.8 | 0.8 |
|  | Story Points: 5 Total Hours: | 4.8 | 5.8 |

**Story 06: View Store Trends**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and format an HTML page for store trends output | 1 | 1 |
| T02 | Write a function to parse through the database and collect information for the new store trends table | 2 | 2 |
| T03 | Populate the DB with the new store trends | 1 | 1 |
| T04 | Verify story is complete (acceptance test) | 0.8 | 1 |
|  | Story Points: 5 Total Hours: | 4.8 | 5 |

# Sprint 2

Total Story Points: 27 Total Hours: 45.6

## Story 07: View Customer Details

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and format an HTML page for data and statistics output | 3 | 1 |
| T02 | Write Python code to query for customer/order details from the database | 4 | 4 |
| T03 | Verify story is complete (acceptance test) | 2 | 0.5 |
|  | Story Points: 4 Total Hours: | 9.6 | 5.5 |

**Story 08: View Vehicle Details**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Format HTML to show vehicle details in an orderly fashion | 1 | 1 |
| T02 | Write script for populating page with vehicle details | 3 | 3 |
| T03 | Create a paginator for the vehicle list | 1 | 2 |
| T04 | Verify story is complete (acceptance test) | 0.5 | 0.5 |
|  | Story Points: 4 Total Hours: | 5.5 | 6.5 |

**Story 09: View Vehicle Images**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Populate specific vehicle pages with car images | 2 | 2 |
| T02 | Verify story is complete (acceptance test) | 0.5 | 0.5 |
|  | Story Points: 1 Total Hours: | 2.5 | 2.5 |

**Story 10: Vehicle Recommendation Service**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and format an HTML page for recommend a vehicle form | 1 | 0.5 |
| T02 | Create Python query to filter results individually | 4 | 4 |
| T03 | Design and format an HTML page for the recommend a vehicle results page | 0.5 | 0.5 |
| T04 | Create Python query to populate the results page | 1 | 0.5 |
| T05 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 8 Total Hours: | 7.5 | 6.5 |

**Story 11: Finding Store Feature**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Format Stores Page to show the location of each store’s state | 1 | 1 |
| T02 | Verify story is complete (acceptance test) | 0.5 | 0.5 |
|  | Story Points: 4 Total Hours: | 1.5 | 1.5 |

**Story 12: FAQs Page**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and format an HTML page for FAQs output | 3.5 | 3 |
| T02 | Write-up the FAQs and answers… | 1 | 1 |
| T03 | Verify story is complete (acceptance test) | 0.5 | 0.5 |
|  | Story Points: 1 Total Hours: | 5 | 4.5 |

**Story 13: Contacts Page**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and format an HTML page for contact details output | 0.4 | 1 |
| T02 | Write-up the contact details… | 0.3 | 0.3 |
| T03 | Link the social media sites to their respective URLs | 0.1 | 0.1 |
| T04 | Verify story is complete (acceptance test) | 0.2 | 0.2 |
|  | Story Points: 1 Total Hours: | 1 | 1.6 |

**Story 14: Register Page**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and format an HTML page for register page | 0.5 | 0.5 |
| T02 | Write Models for Users | 0.5 | 0.5 |
| T03 | Write Python query to store and edit the Users database | 2 |  |
| T04 | Verify story is complete (acceptance test) | 0.5 |  |
|  | Story Points: 1 Total Hours: | 3.5 |  |

**Story 15: Individual Store Page**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and format an HTML page for each individual store | 1 | 1 |
| T02 | Write the Python query to populate the individual store page with specific store details | 3 | 5 |
| T03 | Write HTML to display a map of each store’s state | 1 | 1 |
| T04 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 1 Total Hours: | 6 | 8 |

**Story 16: Rental History Page**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design and format an HTML page for rental history output | 1 | 1 |
| T02 | Write Python query to populate the table with rental history details | 2 | 1.5 |
| T03 | Verify story is complete (acceptance test) | 0.5 | 0.5 |
|  | Story Points: 1 Total Hours: | 3.5 | 3 |