**Release and Sprint Plans**

**Team Number 3**

|  |  |
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Current Velocity: *undefined*

Car Information

S03: Car Specifications

S05: Car Filtering

Account Implementation

S02: Account Creation

S04: Logging In

Release Plan

# Release 1

Delivery date: 23rd October, 2018 Total Story Points: 34

Provides a car rental service, with base functionality. All users will be able to filter their searches when looking for cars, and see car specifications. All users will be able to create an account and log into that created account. The administrator will be able to use data analysis features, and customers will be able to delete their account and see terms of use.

## Data Analysis

This feature enables an administrator to access built in analytics, allowing them to improve the company’s management and customer service.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S01 | Administrator - Data Analysis | 16 |
|  | Story Point Sub-Total: | 16 |

## 

## Car Information

This feature allows both the customer and administrator to view all cars individually and peruse each car’s specifications to guide the order choice.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S03 | All - Car Specifications | 4 |
| S05 | All - Car Filtering | 2 |
|  | Story Point Sub-Total: | 6 |

## 

## Account Implementation

Registration of an account for customers allow them to access specific features, and administrators log into their accounts to access data analytics.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S02 | Customer - Account Creation | 8 |
| S04 | All - Logging In | 4 |
|  | Story Point Sub-Total: | 12 |

# 

# Release 2

Delivery date: To be determined Total Story Points: 34

This release focuses on expanding the current car rental service. Customers will have more detailed searching features and filtering when looking for cars. They will also be able to socialise by leaving reviews and comments about cars. Administrators will be able to share to social media through the application.

## Searching Tools

Enabling customers to tailor their car search to filter by location is important for them when choosing the appropriate car in relation to their geographic location.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S06 | Customer - Location Filtering | 4 |
|  | Story Point Sub-Total: | 4 |

## 

## Customer Help Services

This feature provides users with a way to contact the company to voice any concerns, resolve issues and communicate openly with the company. It will also allow any general questions customers may have to be quickly answered in the FAQ section. Terms of Use is also available for perusal.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S07 | Customer - FAQ | 4 |
| S08 | Customer Contact Page | 2 |
| S09 | Customer - Terms Of Use | 1 |
|  | Story Point Sub-Total: | 7 |

## 

## Social Expansions

This feature provides customers the opportunity to read reviews and make an informed choice regarding their options. As well as, leave their own comments to express their experiences with the company for other customers to read. This feature also enables customers to view the companies partnerships to see if they want to support any associated companies. Social media links are also displayed to provide a cohesive platform.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S10 | Customer - Leaving a Comment | 16 |
| S12 | Customer - Comments Section | 4 |
| S15 | Administrator - Social Media | 2 |
| S16 | Partnership Information | 1 |
|  | Story Point Sub-Total: | 23 |

# Release 3

Delivery date: To be determined Total Story Points: 22

This release focuses on polishing the previous release, adding some finishing touches that give the website some depth. Administrators are able to view the trip history of cars. Customers are able to delete their account and see trending cars that are popular at given times.

## Trip History

This feature allows the administrators to view the trip history of each order to analyse the collected data on customer travel habits and make informed business decisions based on the collected data.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S11 | Administrator - Trip History | 16 |
|  | Story Point Sub-Total: | 16 |

**Account Deletion**

This features allows customers to delete their account should they no longer require it.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S14 | Customer - Account Deletion | 2 |
|  | Story Point Sub-Total: | 2 |

**Trending Cars**

This feature enables customers to see the most rented cars within a given month to see what other users have rented.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S13 | Customer - Trending Cars | 4 |
|  | Story Point Sub-Total: | 4 |

# Delivery Schedule

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 14 |  | Week 15 |  | Week 16 |  | Week 17 |  |
| Sprint 3 | | | | Sprint 4 | | | |
| Release 2 | | | | Release 3 | | | |

## Estimated Velocity: 5

NOTE: User Stories S17 and S18 have been classified as ‘Won’t Have’ as the group has decided that these will not be implemented in the planned releases. These stories are recorded in the Product Backlog where they act to clarify the scope of the project as per the DSDM Atern Handbook 2008. (Agile Business Consortium, 2018)

Sprint Plan

# Sprint 1

Total Story Points: 18 Total Hours: 36

## Current Velocity: Undefined

## S03: Car Specifications

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T08 | Creating the layout of the page | 1 |  |
| T09 | Writing the code to ensure each page dynamically generates for a car | 5 |  |
| T10 | Verify story is complete (acceptance test)  Note: This story is expected to have bugs after creation | 2 |  |
|  | Story Points: 4 Total Hours: | 8 |  |

## S05: Car Filtering

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T11 | Creating the form on the homepage to filter cars | 1 |  |
| T12 | Writing the statements to retrieve correct data from SQL table | 2 |  |
| T13 | Implementing the statements into the code | 1 |  |
| T14 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 5 |  |

## S02: Account Creation

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T15 | Create a form for the creation of an account | 1 |  |
| T16 | Implementing form validation | 6 |  |
| T17 | Ensure that the user gets added into the database in the correct format (server side security) | 6 |  |
| T18 | Verify story is complete (acceptance test) | 2 |  |
|  | Story Points: 8 Total Hours: | 15 |  |

## S04: Logging In

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T19 | Creating the form for the user to log in | 1 |  |
| T20 | Implement form validation | 3 |  |
| T21 | Ensure that the user logs in properly (and the session is appropriate to the user being logged in) | 3 |  |
| T22 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 4 Total Hours: | 8 |  |