**Release and Sprint Plans**

**Team.A(#:77)**

|  |  |
| --- | --- |
| Student Number | Team Member Name |
| N9881093 | Mingze Dai |
| N9353259 | Keonwoo Lee |
| N9871047 | Anqi Cui |
| N9920609 | Yiming Pan |

Tutor: Jordy Kitto

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Workshop: 5-7pm, Thursday

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Release Plan

# Release 1

Delivery date: At the end of week 13 workshop day Total Story Points: 40

The goal of this release plan is to provide a main interface that allows the company staffs to have access to the system by a simple login and to encounter with particular functionalities, such as recording general information about customers’ rental history and browsing the information previously saved from the recording. Also, customers will be able to touch with some car recommendations even without a login. The system will allow the board of CRC to manage(navigate, edit, delete and load) all the collected data as well.

## Main Interface

The company staffs will be able to have access to the main menu by login with their own signed up password and username.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 1 | Log in | 2 |
| 5 | Sign up | 2 |
| 8 | Main Menu | 4 |
|  | Story Point Sub-Total: | 8 |

**Customer Access**

The customers will be able to have access to the web application even without logging in, and to view car recommendations based on their conditions.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 7 | Customer Accessible Page | 4 |
| 27 | Car description | 4 |
|  | Story Point Sub-Total: | 8 |

**Browsing information**

The board of CRC will be able to browse particular information by typing inputs in the input field provided.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 12 | Browser (Customer details) | 4 |
| 15 | Browser (Most Rented Cars) | 2 |
|  | Story Point Sub-Total: | 4 |

## Recording information

The company staffs will be able to store particular information using blank inputs fields and some functional buttons provided.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 18 | Record (General Information) | 8 |
|  | Story Point Sub-Total: | 8 |

## 

## Data management

The management staff will be able to manage(navigate, edit, delete and load) all the collected data.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 23 | History/Data Mange (data navigation) | 4 |
| 24 | History/Data Mange(Edit) | 4 |
| 25 | History/Data Mange(Load new data) | 4 |
|  | Story Point Sub-Total: | 12 |

# Release 2

Delivery date: to be negotiated Total Story Points:38

The goal of this release plan is to add sub-functions that might be useful for the main functions.

## 

**Managing accounts**

The company staffs will be able to easily and efficiently manage their accounts with the sub-functions provided below.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 2 | Login support(forgot password?) | 1 |
| 3 | Login support(remember my username) | 1 |
| 4 | Captcha verification | 1 |
| 6 | Terms of use/ policy | 1 |
| 9 | Log out | 1 |
| 10 | User profile | 1 |
|  | Story Point Sub-Total: | 6 |

**Customer ease**

The customers will be able to find some ease when accessing the customer accessible page through the sub-functions provided below.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 17 | Save for later | 2 |
| 28 | Star Ratio (Feedback) | 1 |
| 29 | Filtering (Customer accessible page) | 4 |
| 31 | Contact us | 1 |
| 32 | About us | 1 |
| 33 | Feedback (Report function) | 4 |
| 11 | Advertisement | 1 |
|  | Story Point Sub-Total: | 14 |

**Supportive functions for browser menu**

The board of CRC will be able to utilise these supportive functions in order to make further decisions regarding to browsing data.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 13 | Browser (Unreturned cars) | 2 |
| 14 | Google Map (GPS) | 1 |
| 16 | Emailing | 1 |
|  | Story Point Sub-Total: | 4 |

## 

**Tick boxes for record menu**

Using these additional tick boxes, the company staff will be able to easily specify their recordings.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 19 | Record (Late return) | 2 |
| 20 | Record (Different Location) | 2 |
| 21 | Record (Damaged/Lost) | 2 |
| 22 | Record (Inspection State) | 2 |
|  | Story Point Sub-Total: | 8 |

## 

## Data management ease

The data management staff will be able to ensure the information security and find some ease when managing data by utilising the filtering function and the online cloud backup system.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 26 | History/Data Mange (Online Cloud Backup) | 2 |
| 30 | Filtering(History/Data manage) | 4 |
|  | Story Point Sub-Total: | 6 |

# 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 2 | | | | | | | |

## Estimated Velocity: 26

Sprint Plan

# Sprint 1

Total Story Points: 20 Total Hours: 40

## Current Velocity: 0

## Story 1: Log in

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create a main page and text boxes (input fields) for login | 1 | 2 |
| T02 | Write code to retrieve user account information from database | 2 | 1 |
| T03 | Add a new table(window) for wrong user name or password typed | 1 | 1 |
| T04 | Add any other required buttons/input fields where needed and enable them with coding | 2 | 1 |
| T05 | Add code to cover passwords in asterisks | 1 | 0.5 |
| T06 | Verify story is complete (acceptance test) | 1 | 0.5 |
|  | Story Points: 2 Total Hours: | 8 | 6 |

## Story 07: Customer accessible page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T07 | Create a button “click here if you are a customer” | 1 | 0.5 |
| T08 | Create a search bar with a button “search” | 1 | 0.5 |
| T09 | Add code to enable the button and the search bar | 1 |  |
| T10 | Write code to retrieve rental car information form the database | 2 |  |
| T11 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 4 Total Hours: | 6 |  |

## Story 08: Main menu

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T12 | Add “Browser”, “Record”, “History/ Manage data” navigation patterns in a new page | 1 | 1 |
| T13 | Write test cases | 1 | 0.5 |
| T14 | Add code to enable the navigation patterns | 2 | 1 |
| T15 | Verify story is complete (acceptance test) | 1 | 0.5 |
|  | Story Points: 4 Total Hours: | 5 | 3 |

## Story 12: Browser(customer details)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T16 | Create a search bar in a new page and “Browse” button beside | 1 | 1 |
| T17 | Add a new table(window) for a “no results found” message | 2 | 1 |
| T18 | Write test cases | 1 | 1 |
| T19 | Write code to retrieve customer information from database | 2 | 2 |
| T20 | Add code to enable the search bar and the “Browse” button | 2 | 1 |
| T21 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 9 |  |

## Story 18: Record general information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T22 | Create text boxes (input fields) in a new page for recording | 1 |  |
| T23 | Create a “record” button next to the input fields | 1 | 0.5 |
| T24 | Add Code to enable the “record” button that saves new data into the database | 2 |  |
| T25 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 8 Total Hours: | 5 |  |

## Story 23: History/ Data manage(data navigation)

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T27 | Create a main page for data management | 1 | 1 |
| T28 | Write test cases | 1 | 1 |
| T29 | Write code to retrieve the entire history of customer’s personal records from the database | 2 | 2 |
| T30 | Add code to display the retrieved data in a tabular form with dropdown lists | 2 | 2 |
| T31 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 7 | 7 |

## 