**Release and Sprint Plans**

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|  |  |
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**Release Plan**

# **Release 1**

Delivery date: 21/9/2018 Total Story Points: 27

Provide a website interface that supports customer to perform the primary query such as search rental car option by the filter, car recommendation or apply to rent a car. Staffs are authorized to be capable of managing, contacting and checking customers. The CRC board can finalize statistics from different store locations and provide car recommendations for customers.

## **Searching**

Users can search for definitions for car through rental website.

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title |  | Story Points |
| 02 | Pick Up Location Selecting |  | 2 |
| 01 | Returning in Various Location |  | 2 |
| 05 | Search Filter |  | 2 |
|  |  | Story Point Sub-Total: | 6 |

## 

## **Manage customer**

Staff management will be able to manage, contact and check customer via website

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title |  | Story Points |
| 24 | Staff Main Page |  | 4 |
| 23 | Access and Update customer Information |  | 4 |
| 26 | Confirm Customer |  | 2 |
| 33 | Check History |  | 4 |
|  |  | Story Point Sub-Total: | 14 |

## 

## **Manage Vehicle**

Staff will be able to manage the vehicle status.

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title |  | Story Points |
| 27 | Disable Renting |  | 2 |
| 32 | Late Return Reminder |  | 1 |
|  |  | Story Point Sub-Total: | 3 |

# 

**Report**

Owner will receive the report occasionally to see all the number of each store

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title |  | Story Points |
| 47 | Recommendation Report |  | 4 |
|  |  | Story Point Sub-Total: | 4 |

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# **Release 2**

Delivery date: To Be Negotiated Total Story Points: 28

Provide some basic functions that support customer process to perform online website , information provided for relevant things such as insurance, policy. Staff basic registration or login

## **Edit, Update…...**

Customer will be able to customise their interface and search for car history rental

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title |  | Story Points |
| 15 | Fill Personal Information |  | 4 |
| 18 | Update Information by Customer |  | 4 |
| 19 | Car Record |  | 2 |
| 06 | Change Language |  | 1 |
|  |  | Story Point Sub-Total: | 11 |

**Manage car**

Basic functions provided for users to acknowledge the company policy or check the initial car condition during rental period

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title |  | Story Points |
| 13 | Viewing Return Policy |  | 1 |
| 17 | Swapping Car |  | 8 |
| 20 | Viewing Car Initial Condition |  | 2 |
|  |  | Story Point Sub-Total: | 11 |

**Insurance**

Customer purchasing insurance to protect themselves.

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title |  | Story Points |
| 14 | Damage Cost List |  | 1 |
| 04 | Insurance Covered |  | 1 |
|  |  | Story Point Sub-Total: | 2 |

**Staff and Owner Login**

Staff will be able to register their account and login to the web interface

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title |  | Story Points |
| 42 | Staff Registration |  | 2 |
| 43 | Staff login |  | 1 |
| 44 | Owner login |  | 1 |
|  |  | Story Point Sub-Total: | 4 |

# 

# **Release 3**

Delivery date: To Be Negotiated Total Story Points: 9

## **Customer support**

The support will be provided for customer.

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title |  | Story Points |
| 03 | Hotline support |  | 1 |
| 40 | Server Down Notice Page |  | 1 |
| 41 | Customer Main Page |  | 4 |
|  |  | Story Point Sub-Total: | 6 |

## **Customer login and registration**

Customer will be able to register their account and login to the web interface.

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title |  | Story Points |
| 45 | User Registration |  | 2 |
| 46 | User Login |  | 1 |
|  |  | Story Point Sub-Total: | 3 |

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# **Release 4**

Delivery date: To Be Negotiated Total Story Points: 11

## **Return**

Staff give notice the customer and receive feedback about the services.

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title |  | Story Points |
| 22 | Vehicle Return Reminder |  | 1 |
| 35 | Receive Feedback |  | 2 |
|  |  | Story Point Sub-Total: | 3 |

## **Payment management**

Customer will get the offer discount, receive the total payment, receipt and allows to print the document.

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title |  | Story Points |
| 34 | Offer Discount |  | 2 |
| 16 | Total Payment Display |  | 2 |
| 12 | Rental Receipt |  | 1 |
| 31 | Print Agreement |  | 1 |
|  |  | Story Point Sub-Total: | 6 |

## 

## **Owner manage**

Owner will be able to manage the Status of store and resource.

|  |  |  |  |
| --- | --- | --- | --- |
| Story ID | Story Title |  | Story Points |
| 36 | Store monthly Report |  | 1 |
| 29 | Daily Target |  | 2 |
|  |  | Story Point Sub-Total: | 2 |

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# **Delivery Schedule**

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

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|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 14 | Week 15 | Week 16 | Week 17 | Week 18 | Week 19 | Week 20 | Week 21 |
|  | | | |  | | | |
| Release 3 | | | | Release 4 | | | |

## Estimated Velocity: 13.5

**Sprint Plan**

# **Sprint 1**

Total Story Points: 13.5 Total Hours:67.5

## Current Velocity: 5

**Story ID 33: Check History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task ID | Story Title |  | Estimate | Taken |
| T01 | Create an interface for staff manage customer include (text box, drop-down list and search button) |  | 3 |  |
| T02 | Write test case |  | 1 |  |
| T03 | Write code for implement all component from the interface(text box, drop-down list and search button) |  | 9 |  |
| T04 | Code to generate a report function to show up the result |  | 6 |  |
| T05 | Verify story is complete (acceptance test) |  | 1 |  |
|  | Story Points: 4 | Total Hours: | 20 |  |

**Story ID 27: Disable Renting**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task ID | Story Title |  | Estimate | Taken |
| T06 | Code to update a new data to the database |  | 5 |  |
| T07 | Write test case |  | 1 |  |
| T08 | Update the interface to disable specify each type of rented car on interface |  | 3 |  |
| T09 | Verify story is complete (acceptance test) |  | 1 |  |
|  | Story Points: 2 | Total Hours: | 10 |  |

## **Story ID 05: Search Filter**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task ID | Story Title |  | Estimate | Taken |
| T10 | Create an interface include all drop-down list and search button for all query |  | 3 |  |
| T11 | Write test case |  | 1 |  |
| T12 | Write code associate search term from the database |  | 3 |  |
| T13 | Create an interface for show up car information(include car type, transmission) |  | 2 |  |
| T14 | Verify story is complete (acceptance test) |  | 1 |  |
|  | Story Points: 2 | Total Hours: | 10 |  |

**Story ID 32: Late Return Reminder**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task ID | Story Title |  | Estimate | Taken |
| T15 | Generate a interface for staff manage late return include (on-time return button and late return button) |  | 1 |  |
| T16 | Write test case |  | 1 |  |
| T17 | Write code for implement on-time return button and late return button |  | 1 |  |
| T18 | Code to generate a report function to show up the result of on time and late return customer |  | 1 |  |
| T19 | Verify story is complete (acceptance test) |  | 1 |  |
|  | Story Points: 1 | Total Hours: | 5 |  |

**Story ID 47: Recommendation Report**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task ID | Story Title |  | Estimate | Taken |
| T20 | Generate a interface as a table that includes information of car renting |  | 3 |  |
| T21 | Write test case |  | 1 |  |
| T22 | Create few buttons for slotting car type, rented location and rented time |  | 3 |  |
| T23 | Write code for implement all component from the interface |  | 6 |  |
| T24 | Code to generate a report function to show up the result of rented location information and rented time |  | 6 |  |
| T25 | Verify story is complete (acceptance test) |  | 1 |  |
|  | Story Points: 4 | Total Hours: | 20 |  |

# **Sprint 2**

Total Story Points: 11.5 Total Hours: 34

## Current Velocity: 3

**Story ID 42: Staff sign in**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task ID | Story Title |  | Estimate | Taken |
| T26 | Create interface for Staff to sign in |  | 3 |  |
| T27 | Write test case |  | 1 |  |
| T28 | Write code for implement the sign in and go to the staff main page |  | 6 |  |
| T29 | Verify story is complete (acceptance test) |  | 1 |  |
|  | Story Points: 3 | Total Hours: | 11 |  |

**Story ID 45: Customer login and registration**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task ID | Story Title |  | Estimate | Taken |
| T30 | Create interface for customer sign in and registration |  | 3 |  |
| T31 | Write test case |  | 1 |  |
| T32 | Write code for implement the create an account and store to database |  | 6 |  |
| T33 | Check the account detail to match database |  | 2 |  |
| T34 | Verify story is complete (acceptance test) |  | 1 |  |
|  | Story Points: 4 | Total Hours: | 13 |  |

**Story ID 23: Update customer details to database**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task ID | Story Title |  | Estimate | Taken |
| T35 | Code to update a new data to the database |  | 5 |  |
| T36 | Write test case |  | 1 |  |
| T37 | Update the interface to website display specify each type of car, client and staff base database on interface |  | 3 |  |
| T38 | Verify story is complete (acceptance test) |  | 1 |  |
|  | Story Points: 4 | Total Hours: | 10 |  |

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