Sprint Plan

# **Sprint 2**

Total Story Points: 27 Total Hours: 80 Actual total hours: 75.5

## **Current Velocity: 16**

Story 5: Sign up

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| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T01** | Create prototype for sign up page | 0.25 | 0.25 |
| **T02** | Create a web page for user sign up | 0.25 | 0.25 |
| **T03** | Create a form for the details to be entered | 0.5 | 0.5 |
| **T04** | Write code to enable the form to be transferred into the user’s database | 1 | 1.5 |
| **T05** | Write code to show an error message if missing an important input field (e.g. password/username) | 1 | 0.5 |
| **T06** | Write code to avoid users signing up again with accounts already existing | 1 | 0.5 |
| **T07** | Write test cases | 0.5 | 0.5 |
| **T08** | Verify story is complete | 0.5 | 0.5 |
|  | Story Points: 2 Total Hours: | 5 | 4.5 |

Story 27: Car description

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| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T09** | Create a prototype for Car Description page | 1 | 1 |
| **T10** | Create a button “View More” next to each car information | 1 | 0.5 |
| **T11** | Write code to combine the rental car information with images | 2.5 | 3 |
| **T12** | Write code to enable the button “View More” to provide the detailed car information with an image | 3 | 3 |
| **T13** | Write code to automatically populate the page with car information from the database | 2.5 | 3 |
| **T14** | Write test cases | 1 | 1 |
| **T15** | Verify story is complete | 1 | 1 |
|  | Story Points: 4 Total Hours: | 12 | 12.5 |

Story 15: Browser (Most Rented Cars)

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| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T16** | Create a prototype for the table displaying the most rented cars in the last one month | 1 | 2 |
| **T17** | Create a button “browse most rented cars” | 0.5 | 0.5 |
| **T18** | Write code to enable the button “browse most rented cars” that calculates for the most rented cars in the last one month | 1.5 | 2 |
| **T19** | Write code to display the calculated information | 1 | 1 |
| **T20** | Write test cases | 0.5 | 1 |
| **T21** | Verify story is complete | 0.5 | 0.5 |
|  | Story Points: 2 Total Hours: | 5 | 7 |

Story 24: History/Data Mange(Edit)

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| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T22** | Create a prototype for the edit functionality | 1 | 0.5 |
| **T23** | Create a button “Edit” | 0.5 | 0.5 |
| **T24** | Create a button “Save” | 0.5 | 0.5 |
| **T25** | Create a form for the details to be entered | 1 | 1.5 |
| **T26** | Write code to enable the button “Edit” for the edit functionality (editing, deleting and adding details) | 3.5 | 3 |
| **T27** | Write code to enable the form to be transferred into the user’s database (by clicking the button “Save”) | 3.5 | 1.5 |
| **T28** | Write test cases | 1 | 1 |
| **T29** | Verify story is complete | 1 | 0.5 |
|  | Story Points: 4 Total Hours: | 12 | 9 |

Story 25: History/Data Mange(Load new data)

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| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T30** | Create a prototype for the window page that helps user load new data from the database | 1 | 1 |
| **T31** | Create a button “Load Data” | 0.5 | 0.5 |
| **T32** | Write code to enable the button “Load Data” to bring up a window page | 3 | 1.5 |
| **T33** | Write code to enable the window page that loads new data from the database | 3.5 | 3 |
| **T34** | Write code to list the loaded data in a tabular format | 2 | 2 |
| **T35** | Write test cases | 1 | 1 |
| **T36** | Verify story is complete | 1 | 1 |
|  | Story Points: 4 Total Hours: | 12 | 10 |

Story 11: Advertisement

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| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T37** | Create a prototype for the login page that has some advertisements including car images and the company’s brief contact details | 0.5 | 0.5 |
| **T38** | Add images for advertisements in the middle of the page | 0.5 | 0.5 |
| **T39** | Add company’s contact details in logos at the bottom of the webpage | 0.5 | 0.5 |
| **T40** | Add hyperlinks into the logos | 0.5 | 0.5 |
| **T41** | Add code to enable the hyperlinks | 1 | 1 |
| **T42** | Write test cases | 0.5 | 0.5 |
| **T43** | Verify the story is complete | 0.5 | 0.5 |
|  | Story Points: 1 Total Hours: | 4 | 4 |

Story 17: Save for later

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| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T44** | Create a prototype for the customer accessible page that has such functionality of save for later | 1 | 1 |
| **T45** | Create buttons ‘Save for later’ besides each car description | 1 | 0.5 |
| **T46** | Write code to enable the button ‘save for later’ that sends an email to the customer with the rental car description that the customer likes to order later | 2 | 2 |
| **T47** | Write test cases | 1 | 1 |
| **T48** | Verify the story is complete | 1 | 1 |
|  | Story Points: 2 Total Hours: | 6 | 5.5 |

Story 29: Filtering (Customer accessible page)

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| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T49** | Create a prototype for the customer accessible page that has such functionality of filtering (dropdown list) | 2 | 2 |
| **T50** | Create a dropdown list | 2 | 2 |
| **T51** | Write code to enable the dropdown list that can sort information by different dimensions | 4 | 4 |
| **T52** | Write test cases | 3 | 2 |
| **T53** | Verify the story is complete | 2 | 1 |
|  | Story Points: 4 Total Hours: | 13 | 11 |

Story 30: Sorting(History/Data manage)

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| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T54** | Create a prototype for the History/Data manage menu that has such functionality of sorting(dropdown list) | 2 | 2 |
| **T55** | Create a dropdown list | 2 | 1 |
| **T56** | Write code to enable the dropdown list that can sort information by different dimensions | 4 | 5 |
| **T57** | Write test cases | 3 | 2 |
| **T58** | Verify the story is complete | 2 | 2 |
|  | Story Points: 4 Total Hours: | 13 | 12 |