# Release 1: Final Hours Taken

## Sprint 1

Total Story Points: 38 Total Hours: 46

### Story 03: Account Setup

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design the UI for register page | 1 | 0.5 |
| T02 | Write code to create the register page for users to register | 2 | 1.5 |
| T03 | Write code to store user data into database | 2 | 2 |
| T04 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 2 Total Hours: | 6 | 5 |

### Story 31: Account Login

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T05 | Design the UI for login page | 1 | 0.25 |
| T06 | Write code to create the login page for users to log in | 2 | 2 |
| T07 | Verify story is complete (acceptance test) | 1 | 0.75 |
|  | Story Points: 2 Total Hours: | 4 | 3 |

### Story 32: Admin Register

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T08 | Design the UI for administrator register page | 1 | 0.5 |
| T09 | Write code to create a page for registering administrator account | 2 | 0.25 |
| T10 | Verify story is complete (acceptance test) | 1 | 0.75 |
|  | Story Points: 4 Total Hours: | 4 | 1.5 |

### Story 07: Edit City Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T11 | Design the UI for the page of editing city information | 2 | 0.5 |
| T12 | Write code to create the page for administrator to manipulate city data | 3 | 0.5 |
| T13 | Write code to store changes into database | 2 | 3 |
| T14 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 8 | 5 |

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### Story 04: Menu Buttons

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T15 | Design the UI for menu buttons | 1 | 1 |
| T16 | Write code relating to implement the menu buttons layout | 2 | 0.5 |
| T17 | Write code to retrieve data from database | 2 | 1 |
| T18 | Verify story is complete (acceptance test) | 1 | 0.25 |
|  | Story Points: 2 Total Hours: | 6 | 2.75 |

### Story 08: Hotel Information for Tourists

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T19 | Design the UI for hotel information page | 1 | 1 |
| T20 | Write code to create the page showing hotel information | 2 | 1 |
| T21 | Write code to check permissions and retrieve data from database | 2 | 2 |
| T22 | Write code to show the hotel position on a map | 2 | 0.75 |
| T23 | Verify story is complete (acceptance test) | 1 | 0.5 |
|  | Story Points: 4 Total Hours: | 8 | 5.25 |

### Story 09: College Information for Students

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T24 | Transfer code, design & map API from previous information page | 0.5 | 0.5 |
| T25 | Write code to check permissions and retrieve data from database | 0.5 | 0.5 |
| T26 | Verify story is complete (acceptance test) | 1 | 0.5 |
|  | Story Points: 4 Total Hours: | 2 | 1.5 |

### Story 10: Library Information for Students

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T27 | Transfer code, design & map API from previous information page | 0.5 | 0.5 |
| T28 | Write code to check permissions and retrieve data from database | 0.5 | 0.5 |
| T29 | Verify story is complete (acceptance test) | 1 | 0.5 |
|  | Story Points: 4 Total Hours: | 2 | 1.5 |

### Story 11: Hotel Information for Businessman

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T30 | Transfer code, design & map API from previous information page | 0.5 | 0.5 |
| T31 | Write code to check permissions and retrieve data from database | 0.5 | 0.5 |
| T32 | Verify story is complete (acceptance test) | 1 | 0.5 |
|  | Story Points: 4 Total Hours: | 2 | 1.5 |

### Story 12: Industry Information for Businessman

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T33 | Transfer code, design & map API from previous information page | 0.5 | 0.5 |
| T34 | Write code to check permissions and retrieve data from database | 0.5 | 0.5 |
| T35 | Verify story is complete (acceptance test) | 1 | 0.5 |
|  | Story Points: 4 Total Hours: | 2 | 1.5 |

### Story 26: Restaurant Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T36 | Transfer code, design & map API from previous information page | 0.5 | 0.5 |
| T37 | Write code to check permissions and retrieve data from database | 0.5 | 0.5 |
| T38 | Verify story is complete (acceptance test) | 1 | 0.5 |
|  | Story Points: 4 Total Hours: | 2 | 1.5 |

## Sprint 2

Total Story Points: 19 Total Hours: 31

### Story 16: Search Engine

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Design the UI for search engine | 1 | 0.5 |
| T02 | Write front-end code for search engine | 2 | 1 |
| T03 | Write back-end code for search engine | 2 | 2 |
| T04 | Verify story is complete (acceptance test) | 1 | 0.75 |
|  | Story Points: 4 Total Hours: | 6 | 4.25 |

### Story 06: Access to Other Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T05 | Segment menu buttons to fit user needs | 1 | 0.5 |
| T06 | Add other button allowing users to access other information | 1 | 0.25 |
| T07 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 2 Total Hours: | 3 | 1.75 |

### Story 02: Edit Account Details

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T08 | Design the UI for edit account page | 1 | 0.5 |
| T09 | Write code to create a page for editing user account | 2 | 1 |
| T10 | Write back-end code for database altering | 2 | 2.5 |
| T11 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 6 | 5 |

### Story 01: Password Encryption

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T12 | Implement password encryption in create user page | 1 | 0.5 |
| T13 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 1 Total Hours: | 2 | 1.5 |

### Story 27: Park Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T14 | Design the UI for park information page | 1 | 0.5 |
| T15 | Write code to create the page showing park information | 2 | 1.75 |
| T16 | Write code to check permissions and retrieve data from database | 2 | 3 |
| T17 | Write code to show the park position on a map | 2 | 1.25 |
| T18 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 2 Total Hours: | 8 | 7.5 |

### Story 28: Museum Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T19 | Transfer code, design & map API from previous information page | 0.5 | 0.5 |
| T20 | Write code to check permissions and retrieve data from database | 0.5 | 0.5 |
| T21 | Verify story is complete (acceptance test) | 1 | 0.5 |
|  | Story Points: 2 Total Hours: | 2 | 1.5 |

### Story 29: Zoo Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T22 | Transfer code, design & map API from previous information page | 0.5 | 0.5 |
| T23 | Write code to check permissions and retrieve data from database | 0.5 | 0.5 |
| T24 | Verify story is complete (acceptance test) | 1 | 0.5 |
|  | Story Points: 2 Total Hours: | 2 | 1.5 |

### Story 30: Mall Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T25 | Transfer code, design & map API from previous information page | 0.5 | 0.5 |
| T26 | Write code to check permissions and retrieve data from database | 0.5 | 0.5 |
| T27 | Verify story is complete (acceptance test) | 1 | 0.5 |
|  | Story Points: 2 Total Hours: | 2 | 1.5 |