Sprint Plan

# Sprint 2

Total Story Points: 55 Total Hours: 82.5

## Current Velocity: 8

## Story 01: Design/Create GUI

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Plan the Prototype/Storyboard | 2.5 | 12 |
| T02 | Implement/code the GUI | 4 | 5.5 |
| T03 | Verify story is complete (acceptance test) | 4 |  |
|  | Story Points: 7 Total Hours: | 10.5 |  |

## Story 02: Design/Create Database

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T04 | Create a host (AWS) | 1 | 0.17 |
| T05 | Format database | 1 | 0.17 |
| T06 | Create relations | 1 | 0.5 |
| T07 | Create fields | 1 | 1 |
| T08 | Enforce data integrity | 1 | 0.5 |
| T09 | Denote keys | 1 | 0.5 |
| T10 | Store procedures for most frequent queries | 1.5 | 0.5 |
| T11 | Create indexes for most frequent relations | 1 | 0.5 |
| T12 | Populate Database with records | 2 | 0.17 |
| T13 | Verify story is complete (acceptance test) | 3 | 0.17 |
|  | Story Points: 9 Total Hours: | 13.5 | 4.18 |

## Story 04: Administrative Login Portal

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T17 | Create form | 3 | 0.66 |
| T18 | Allocate permissions | 2 |  |
| T19 | Create Login and Reset buttons | 0.5 | 1 |
| T20 | Create button functionality | 2 | 0.17 |
| T21 | Validate form inputs | 2 | 0.33 |
| T22 | Verify story is complete (acceptance test) | 4 |  |
|  | Story Points: 9 Total Hours: | 13.5 |  |

## Story 05: Teacher Login Portal

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T23 | Create form | 3 | 0.66 |
| T24 | Allocate permissions | 2 | 0.33 |
| T25 | Create Login and Reset buttons | 0.5 | 1 |
| T26 | Create button functionality | 2 | 0.17 |
| T27 | Validate form inputs | 2 | 0.33 |
| T28 | Verify story is complete (acceptance test) | 4 |  |
|  | Story Points: 9 Total Hours: | 13.5 |  |

## Story 06: Client Login Portal

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T29 | Create form | 2 | 0.66 |
| T30 | Allocate permissions | 2 | 0.33 |
| T31 | Create Login and Reset buttons | 0.5 | 1 |
| T32 | Create button functionality | 1.5 | 0.17 |
| T33 | Validate form inputs | 2 | 0.33 |
| T34 | Verify story is complete (acceptance test) | 4 | 0.33 |
|  | Story Points: 8 Total Hours: | 12 | 2.82 |

## Story 07: Teacher Application Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T35 | Create form | 2 | 0.66 |
| T36 | Create Apply and Reset buttons | 0.5 | 0.17 |
| T37 | Create button functionality | 2 | 0.66 |
| T38 | Validate form inputs | 2 | 0.5 |
| T39 | Send form input to owner | 1.5 | 0.5 |
| T40 | Verify story is complete (acceptance test) | 4 | 0.66 |
|  | Story Points: 8 Total Hours: | 12 | 3.15 |

## Story 10: Instrument Hire Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T49 | Create instrument table | 0.5 | 1 |
| T50 | Populate table | 1.5 | 1 |
| T51 | Create Enquiry and Hire buttons | 0.5 | 0.17 |
| T52 | Create button functionality | 2 | 0.66 |
| T53 | Validate instrument allocation | 1 | 0.33 |
| T54 | Verify story is complete (acceptance test) | 2 | 0.66 |
|  | Story Points: 5 Total Hours: | 7.5 | 3.82 |