**Sprint 2 Plan Revised**

# **Sprint 2**

Total Story Points: 88 Total Hours: 320

## Current Velocity: 33

## **Story 1: Welcome Page**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 001 | Create main page for the website | 8 | 4 |
| 002 | Create the option to login from the main page | 4 | 2 |
| 003 | Generate encryption for login details | 4 | 1 |
| 004 | Write test cases | 4 | 1 |
| 005 | Create logo and slogan for the website | 4 | 1 |
| 006 | Test new functionality | 2 | 1 |
| 007 | Verify story is complete | 2 | 1 |
|  | Story Points: 4 Total Hours: | 28 | 11 |

## **Story 5: Member Information**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 002 | Write test cases | 4 | 1 |
| 003 | Information on the account page is retrieved from the database for respective members | 4 | 2 |
| 004 | Members are able to edit certain account details | 4 |  |
| 005 | Teachers require approval for the editing of their details | 4 |  |
| 006 | Test new functionality | 2 |  |
| 007 | Verify story is complete | 2 |  |
|  | Story Points: 4 Total Hours: | 24 |  |

## **Story 3: Student Payment**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 001 | Create an option for students to make payments | 4 |  |
| 002 | Show outstanding debt for respective student from the database on their accounts | 2 |  |
| 003 | Set up a payment page for online payments | 8 |  |
| 004 | Set up an automated payment option | 8 |  |
| 005 | Create an option for advanced payments | 8 |  |
| 006 | Write test cases | 4 |  |
| 007 | Verification is needed for each payment | 8 |  |
| 008 | Encryption for any sensitive information is enforced on the page | 16 |  |
| 009 | Test new functionality | 2 |  |
| 010 | Verify story is complete | 2 |  |
|  | Story Points: 8 Total Hours: | 62 |  |

## **Story 4: Student Sign Up**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 002 | Create new student form | 8 | 2 |
| 003 | Write test cases | 4 | 4 |
| 004 | Information from new student form is added to database | 8 | 3 |
| 005 | Student data is restricted to certain users | 4 | 1 |
| 006 | Test new functionality | 2 | 1 |
| 007 | Verify story is complete | 2 | 1 |
|  | Story Points: 4 Total Hours: | 28 | 12 |

## **Story 6: Teacher Appointment**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 001 | Create new teacher form | 8 | 2 |
| 002 | Write test cases | 4 | 2 |
| 003 | Information from new teacher form is added to database | 8 | 1 |
| 004 | Manager can remove a teacher from the database | 4 | 1 |
| 005 | Test new functionality | 2 | 1 |
| 006 | Verify story is complete | 2 | 1 |
|  | Story Points: 4 Total Hours: | 28 | 8 |

## **Story 7: Manager Account Creation**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 000 | Create GUI mockup | 4 |  |
| 001 | Create new manager form | 8 |  |
| 002 | Create new admin form | 8 |  |
| 003 | Write test cases | 4 |  |
| 004 | Information from new manager form is added to database | 8 |  |
| 005 | Information from new admin form is added to database | 8 |  |
| 006 | Manager and admins can be removed from the database | 4 |  |
| 007 | Test new functionality | 2 |  |
| 008 | Verify story is complete | 2 |  |
|  | Story Points: 8 Total Hours: | 48 |  |

## **Story 2: Contract Creation**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 000 | Create GUI mockup | 4 | 1 |
| 001 | Create contract form to be filled by manager | 8 | 1 |
| 002 | Create contract database | 8 | 1 |
| 003 | The teacher involved receives a copy of the contract and can reject or accept it | 8 |  |
| 004 | The student involved receives a copy of the contract and can reject or accept it | 8 |  |
| 005 | Teachers and students can request changes to the contract | 4 |  |
| 006 | The manager can alter the contract | 4 |  |
| 007 | Teachers and students can request a termination of the contract | 4 |  |
| 008 | The manager can terminate the contract | 4 |  |
| 009 | Write test cases | 4 | 2 |
| 010 | Test new functionality | 2 |  |
| 011 | Verify story is complete | 2 |  |
|  | Story Points: 8 Total Hours: | 60 |  |

## **Story 8: Instrument Management**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 000 | Create GUI mockup | 4 | 1 |
| 001 | Create instrument process model | 8 |  |
| 002 | Create instrument database table | 8 | 1 |
| 003 | Managers can insert, update and drop rows in the instrument database | 4 | 3 |
| 004 | Instruments are sorted by storage location | 2 |  |
| 005 | Students can hire unhired instruments, when they do so the instruments status is changed to hired | 8 | 1 |
| 006 | Write test cases | 4 | 2 |
| 007 | Test new functionality | 2 |  |
| 008 | Verify story is complete | 2 |  |
|  | Story Points: 4 Total Hours: | 42 |  |