**Sprint 2 Plans**

**Team Number 111**

|  |  |
| --- | --- |
| Student Number | Team Member Name |
| n9458816 | Alexandria Griffiths |
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Tutor: Prakash Bhandari

Version: 1.2

Date: 12/10/2016

[Sprint Plan](https://docs.google.com/document/d/1LtI_fbHOUZh5js-fV-oaXcgwt21DQaIjtHkykHCLf7w/edit#heading=h.2s8eyo1)

[Sprint 2](https://docs.google.com/document/d/1LtI_fbHOUZh5js-fV-oaXcgwt21DQaIjtHkykHCLf7w/edit#heading=h.17dp8vu)

[Current Velocity:](https://docs.google.com/document/d/1LtI_fbHOUZh5js-fV-oaXcgwt21DQaIjtHkykHCLf7w/edit#heading=h.3rdcrjn)

[Story ID:](https://docs.google.com/document/d/1LtI_fbHOUZh5js-fV-oaXcgwt21DQaIjtHkykHCLf7w/edit#heading=h.26in1rg) #1 Access - Permit Form

[Story ID:](https://docs.google.com/document/d/1LtI_fbHOUZh5js-fV-oaXcgwt21DQaIjtHkykHCLf7w/edit#heading=h.lnxbz9) #2 Access - Online

[Story ID:](https://docs.google.com/document/d/1LtI_fbHOUZh5js-fV-oaXcgwt21DQaIjtHkykHCLf7w/edit#heading=h.26in1rg) #20 Unique – Permit Entry

[Story ID:](https://docs.google.com/document/d/1LtI_fbHOUZh5js-fV-oaXcgwt21DQaIjtHkykHCLf7w/edit#heading=h.26in1rg) #21 Organise - Approval Status

[Story ID:](https://docs.google.com/document/d/1LtI_fbHOUZh5js-fV-oaXcgwt21DQaIjtHkykHCLf7w/edit#heading=h.lnxbz9) #24 Organise - Payment Status

[Story ID:](https://docs.google.com/document/d/1LtI_fbHOUZh5js-fV-oaXcgwt21DQaIjtHkykHCLf7w/edit#heading=h.35nkun2) #28 Organise - Resolution Status

[Story ID:](https://docs.google.com/document/d/1LtI_fbHOUZh5js-fV-oaXcgwt21DQaIjtHkykHCLf7w/edit#heading=h.35nkun2) #9 Exclusive Staff/Student Permit

[Story ID:](https://docs.google.com/document/d/1LtI_fbHOUZh5js-fV-oaXcgwt21DQaIjtHkykHCLf7w/edit#heading=h.26in1rg) #10 Access - Issue Report Forms

[Story ID:](https://docs.google.com/document/d/1LtI_fbHOUZh5js-fV-oaXcgwt21DQaIjtHkykHCLf7w/edit#heading=h.lnxbz9) #12 Access - Citation Forms

[Story ID:](https://docs.google.com/document/d/1LtI_fbHOUZh5js-fV-oaXcgwt21DQaIjtHkykHCLf7w/edit#heading=h.35nkun2) #13 Templates w/Compulsory Fields

[Story ID:](https://docs.google.com/document/d/1LtI_fbHOUZh5js-fV-oaXcgwt21DQaIjtHkykHCLf7w/edit#heading=h.26in1rg) #15 Access - Portable

[Story ID:](https://docs.google.com/document/d/1LtI_fbHOUZh5js-fV-oaXcgwt21DQaIjtHkykHCLf7w/edit#heading=h.lnxbz9) #17 Access - Physical Print-out of Violation

**Sprint 2: Access to Application and Back-end Development**

Total Story Points: 79.42  = (Sprint 1+Sprint 2+Sprint 3) = (58+13.42+8)

Total Hours:   52.125 = (Sprint 1+Sprint 2+Sprint 3) = (36.5+12.625+3)

**Current Velocity:** 77.95 Story Points per Sprint / 50.5 Hours per Sprint

\* Blue Stories: Stories migrated from Sprint 1

\* Green Stories: Stories migrated from Sprint 3

## Story ID: #1 Access - Permit Form\*

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **1** | Create database(s) for form fields | 4 |  |
| **2** | Create and maintain user test cases in database | 0.5 |  |
| **3** | Develop web user interface for form | 2 |  |
|  | Total Hours: | 6.5 |  |

## Story ID: #2 Access – Online\*

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **4** | Develop and apply CSS | 3 |  |
|  | Total Hours: | 3 |  |

## Story ID: #20 Unique – Permit Entry\*

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **5** | Check database to ensure that primary keys are being assigned as planned | 0.625 |  |
|  | Total Hours: | 0.625 |  |

## Story ID: #21 Organise – Approval Status\*

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **6** | Create and integrate MySQL query that corresponds with the search, share and organise options | 0.625 |  |
|  | Total Hours: | 0.625 |  |

**Story ID: #24 Organise – Payment Status\***

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **7** | Create and integrate MySQL query that corresponds with the search, share and organise options | 0.625 |  |
|  | Total Hours: | 0.625 |  |

**Story ID: #28 Organise – Resolution Status\***

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **8** | Create and integrate MySQL query that corresponds with the search, share and organise options | 0.625 |  |
|  | Total Hours: | 0.625 |  |

**Story ID: #9 Exclusive Staff/Student Permit**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **9** | Plan and identify required form fields for permits | 1 |  |
| **10** | Create database(s) for form fields | 4 |  |
| **11** | Create and maintain user test cases in database | 0.5 |  |
| **12** | Plan permit form UI design on paper | 1 |  |
| **13** | Develop web user interface for form | 2 |  |
|  | Story Points: 16    Total Hours: | 8.5 |  |

**Story ID: #10 Access - Issue Report Forms**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **14** | Plan and identify required form fields for issue reports | 1 |  |
| **15** | Create database(s) for form fields | 4 |  |
| **16** | Create and maintain user test cases in database | 0.5 |  |
| **17** | Plan issue report form UI design on paper | 1 |  |
| **18** | Develop web user interface for form | 2 |  |
|  | Story Points: 16    Total Hours: | 8.5 |  |

**Story ID: #12 Access - Citation Forms**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **19** | Plan and identify required form fields for citation | 1 |  |
| **20** | Create database(s) for form fields | 4 |  |
| **21** | Create and maintain user test cases in database | 0.5 |  |
| **22** | Plan citation form UI design on paper | 1 |  |
| **23** | Develop web user interface for form | 2 |  |
|  | Story Points: 16    Total Hours: | 8.5 |  |

**Story ID: #13 Templates w/ Compulsory Fields**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **24** | Create search options and drop down fields | 2.5 |  |
| **25** | Define compulsory fields | 1 |  |
|  | Story Points: 4    Total Hours: | 3.5 |  |

**Story ID: #15 Access - Portable**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **26** | Configure sign in for patrol officers and other authorities | 2 |  |
| **27** | Provide web form access to patrol officers (notify what URL’s) | 0.5 |  |
| **28** | Provide tablets to patrol officers | 0.5 |  |
|  | Story Points: 2    Total Hours: | 3 |  |

**Story ID: #17 Access - Physical Print-out of Violation**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **29** | Connect forms databases to web pages | 4 |  |
| **30** | Provide printer to patrol officer | 0.5 |  |
|  | Story Points: 4    Total Hours: | 4.5 |  |

## Story ID: #14 Up-to-date Connection

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **31** | Ensure automated unique primary key id for each database to ensure duplicate entries cannot be created by separate users | 1 | 1 |
| **32** | Develop and integrate error message when form has already been submitted or requested | 2 | 2 |
|  | Story Points: 8 Total Hours: | 3 | 3 |

**Sprint Plan Update 21/09/2016**

Release 1 was focussed on planning and functionality. The sql queries from sprint 1 were resolved in sprint 2, as discussed with Team 113 previously. The only user story not met by the end of Release 1 was Story ID: #17 Access - Physical Print-out of Violation:

|  |  |
| --- | --- |
| **28** | Provide tablets to patrol officers |
| **30** | Provide printer to patrol officer |

We collectively felt this was a very low priority as dispersing portable printers is a task we feel the department should undertake itself. We are re-evaluating the story’s place in Release 2.

In Release 2 we will be implementing the queries to display existing data from the back-end database.

Here are some examples:

|  |
| --- |
| **Organise - Approval Status**  SELECT *permit\_id*,*mobile* FROM *permits* ORDER BY *status*DESC;  SELECT *permit\_id*,*mobile* FROM *permits* WHERE *status* = *‘$status’*; |
| **Organise - Payment Status**  SELECT *violation\_id*,*description* FROM *violations* ORDER BY *status*DESC;  SELECT *violation\_id*,*permit\_id* FROM *violations* WHERE *status* = *‘$status’*; |
| **Organise - Resolution Status**  SELECT *health\_id*,description FROM *health* ORDER BY*status*DESC;  SELECT *health\_id*,resolution FROM *health* WHERE *status* = *‘$status’*; |

**Further Updates**

* There was a remaining 1.47 Story Points and 1 hour that is left in progress, these tasks may be reconsidered for continuation or termination.
* The progress of the sprint can be found in the Burndown Chart PDF provided
* The table on the next page is a table for reference for Sprint 2’s Progress

**Sprint Plan Update 12/10/2016**

* Sprint 3’s Story #14 ‘Up-to-date Connection’ was unintentionally finished in Sprint 2, therefore later documented into Sprint 2
* Document was adjusted to above change
* Burndown Chart Added

