**Release and Sprint Plans**

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|  |  |
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Release Plan

# Release 1

Delivery date: Week 9 Total Story Points: 13

Main goal is to develop the website infrastructure and to start integrating databases. With this also comes the development of core website features such as the permit registration and violation reporting features. The Terms of Service is also created and will be a part of the website for potential permit holders to read before applying.

**Registration**

College personnel can apply directly for a permit but only faculty can apply on behalf of the guest.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 01 | College Personnel Registration | 4 |
| 12 | Premium Permit | 3 |
|  | Story Point Sub-Total: | 7 |

**Violations and ToS**

All permit holders are required to read and accept the Terms of Service before submitting a permit application. Both Patrol officers and college personnel can report OHS hazards but only patrol officers can issue citations (and record).

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 04 | Record Violations | 4 |
| 07 | Terms Of Service | 2 |
|  | Story Point Sub-Total: | 6 |

# 

# Release 2

Delivery date: Week 13 Total Story Points: 33

The bulk of the permit and citation related features are implemented. This includes issuing and tracking fines, receiving and dealing with hazard reports, and setting up the notification system.

## Permit Registration

College personnel can apply directly for a permit but only faculty can apply on behalf of the guest. They will also need to agree to the Terms of Service.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 02 | Guest registration | 1 |
| 06 | Choose permit duration | 1 |
| 09 | Confirm ToS Agreement | 1 |
|  | Story Point Sub-Total: | 2 |

## Permit

Miscellaneous permit features that improve customer and patrol officer QoL (quality of life)

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 10 | Permit ID code | 2 |
| 19 | Online guest form | 2 |
| 24 | Lost/stolen permit | 1 |
|  | Story Point Sub-Total: | 5 |

## OHS administration

Issuing, tracking, and reviewing fines & permits. Also for OHS to manage and resolve hazard reports.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 03 | Approve/Decline permits | 3 |
| 11 | Issue Fines | 3 |
| 17 | Review fines on request | 1 |
| 21 | Accept/Reject hazard reports | 3 |
| 22 | Access hazard report database | 3 |
| 23 | Log hazard outcome | 3 |
| 30 | Track unpaid fines | 3 |
| 05 | Pay Fines | 4 |
|  | Story Point Sub-Total: | 23 |

# 

# Release 3

Delivery date: week 17 Total Story Points: 38

The goal of Release 3 is to finish all relevant User Stories that are deemed useful to stakeholders but are either too difficult to implement at an earlier stage or do not provide enough benefits compared to the time invested.

## Notification System

A simple notification system that reminds users of expiring permits and for potential weather hazards.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 13 | Permit expiration reminder | 1 |
| 26 | Weather notification (SMS) | 3 |
|  | Story Point Sub-Total: | 4 |

## Premium Permit

Purchasing and management of premium permit

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 28 | Transfer Premium | 5 |
| 29 | Add/remove cars to premium | 5 |
|  | Story Point Sub-Total: | 10 |

## Tracking

Users can track an OHS hazard’s progress as well as check parking availability including reserving a spot.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 14 | Hazard progress | 2 |
| 15 | Parking availability (google maps) | 2 |
| 16 | Reserve parking (google maps) | 2 |
|  | Story Point Sub-Total: | 6 |

## Alternative Applications

Applications to be implemented to improve patrol officer and driver experience.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 18 | Attach image to citations (mobile app) | 5 |
| 25 | Notification sign | 5 |
|  | Story Point Sub-Total: | 10 |

## User Suggestions

To improve the QoL of permit holders.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 20 | Book chauffeur | 2 |
| 27 | Hire lockers | 3 |
| 08 | Report Hazards | 3 |
|  | Story Point Sub-Total: | 8 |

# Delivery Schedule

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 | |
| Sprint 1 | | Sprint 2 | | Sprint 3 | | Sprint 4 | | |
| Release 1 | | | | Release 2 | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 14 |  | Week 15 |  |  |  |  |  |
| Sprint 5 | | … | |  | |  | |
| Release 3, 4, … | | | | | | | |

## Estimated Velocity:

Sprint Plan

# Sprint 1

Total Story Points:   6                                                                                               Total Hours: 11 3/4

## Current Velocity:

## Story 1: As a student/faculty member I want to have access to a permit registration system so I can request a permit online

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T01** | Create a main page | 2 | 2 |
| **T02** | Create navigation bar which includes Normal or Premium booking options | 1 | 1/2 |
| **T03** | Create a form so that user can put in their personal and vehicle info for normal parking | 1 1/2 | 3 |
| **T04** | Create a form so that user can put in their personal and vehicle info for premium parking | 1 | 3 |
| **T05** | Write code for “submit” button so that the info is transferred directly to database system (PHP action) | 4 | 1 |
| **T06** | Verify story is complete | 1 | 1/2 |
|  | Story Points:                                                                                                Total Hours: | 10 1/2 | 10 |

Story 7: As a parking permit holder I'd like access to a parking ToS so that I'm aware of the QUT parking rules

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T07** | Create hyperlink on navigation bar to the ToS page | 1/2 | 1/2 |
| **T08** | Create ToS page | 1 | 1 |
| **T09** | Verify story is complete | 1/4 | 1/4 |
|  | Story Points:                                                                                                Total Hours: | 1 3/4 | 1 3/4 |

# Sprint 2

Total Story Points: 7                                                                                                 Total Hours:17 1/2

## Current Velocity:

## Story 12: As a parking permit holder I'd like to be able to purchase a premium permit upgrade that guarantees me the same parking spot everyday so that I don't have to look for a new one everytime I park

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T10** | Create a main page | 2 | 1 |
| **T11** | Create navigation bar which includes Premium booking options | 1 | 1/2 |
| **T12** | Create a form so that user can put in their personal and vehicle info for normal parking | 1 1/2 | 1 1/2 |
| **T13** | Create a form so that user can put in their personal and vehicle info for premium parking | 1 | 2 1/2 |
| **T14** | Write code for “submit” button so that the info is transferred directly to database system (PHP) | 4 | 1 |
| **T15** | Verify story is complete | 1 | 1 |
|  | Story Points:                                                                                                Total Hours: | 10 1/2 | 7 1/2 |

## Story 4: As a patrol officer I'd like to be able to record parking/smoking/other violator information so that I can issue fines

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T16** | Create a database system for “citation” | 3 | 2 |
| **T17** | Create a page which has 3 options to report - smoking, parking and other | 1 | 1 |
| **T19** | Create each page for smoking, parking and other report | 2 | 1 |
| **T20** | Create a form on each page (smoking, parking, other) so officers are able to fill in | 4 | 3 |
| **T21** | Connect database to the 3 forms in 3 different pages - smoking, parking and other (PHP) | 3 | 2 |
| **T22** | Verify story is complete | 1 | 1 |
|  | Story Points:                                                                                                Total Hours: | 13 | 10 |