

# Release Plan and Sprint 1 Plan

## Team Digital Starfish

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# Release Plan

## Release 1

Delivery date: 21-09-2016

Total Story Points: 30

Provide the basis for the users (staff/students/visitors) to be able to create a new account or edit an existing account. All users will have the mobility and accessibility to make alterations if need be, and view the status of their parking permit/s and vehicle/s registered.

### User Needs

Users can lodge parking permit applications, viewing the status of their permit and associated fines, as well having access to an easier mechanism to update the vehicles registered to the permit.

Story ID	Story Title	Story Points
S15	Parking Permit Application	3
S16	View Permit Status	2
S17	Change Registered Vehicle	2
S18	View Issued Fines	3
Story Point Sub-Total:		10

### Permits

The H&S Department can be able to take control of the parking permit fines made, and access the information related to the parking permits of the user/s.

Story ID	Story Title	Story Points
S01	Permit Fines	3
S02	Permit Visibility	3
S03	Issuing Permits	2
S04	Parking Rules	1
S05	Track Fines	3
S06	Permit Search	3
S07	Cancel Permit	2
S09	Update Permit Information	3
Story Point Sub-Total:		20

## Release 2

Delivery date: 26-10-2016

Total Story Points: 21

Provide the basis for the Patrol Guards to have the access needed to complete certain tasks including vehicle registration search, issue parking fines & violations, and conduct health & safety inspections to ensure they are not in violation with the policy.

### Patrol Guard Accessibility

The Patrol Guard will have the technology and information required when doing checks across all vehicles in the parking bay, as well as being able to report Health and Safety violations around campus.

Story ID	Story Title	Story Points
S10	Vehicle Registration Search	3
S11	Issue Parking Violations	2
S12	View Existing Citations	3
S13	Smoking Violations	2
S20	Permit Expiration Notification	4
S08	Renew Permit	2
S26	Visitor Permit Application	3
S27	Health and Safety Violations	2
Story Point Sub-Total:		21

## Release 3

Delivery date: 23-11-2016

Total Story Points: 29

This release will include the basic user functionality methods for a new / existing user to create an account or make changes to an account already created. The release will also include the functionality of the personnel to conduct searches on a particular violation via the means of technology.

### User Functionality

The personnel of the college stated will be given access to record where the violation is coming from. Permit holders will be able to create an online account to more easily manage their permit information and fines.

Story ID	Story Title	Story Points
S28	Photo/Video Upload	5
S19	Account Creation	6
S14	Patrol Guard Mobile Application	5
S24	Third-party Logins	2
S25	Native Mobile Applications	6
S29	College Personnel Application	5
Story Point Sub-Total:		29

## 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			

Sprint 5		Sprint 6					
Release 3				...			

Estimated Velocity: 16

# Sprint Plan

## Sprint 1

Total Story Points: 14

Total Hours: 44

Current Velocity: 14

### Story 01: Permit Fines

Task ID	Task Description	Estimate	Taken
TO1	Database Design	1	
TO2	Database Construction	3	
TO3	Back end Python Programming	3	
TO4	Front End Framework	4	
Story Points: 3		Total Hours:	11

### Story 03: Issuing Permits

Task ID	Task Description	Estimate	Taken
TO1	Create permit issuing form	1	
TO2	Connect form to database	3	
TO3	SQL lookup accessors	2	
TO4	SQL code to modify database entries	1	
Story Points: 2		Total Hours:	7

### Story 04: Parking Rules

Task ID	Task Description	Estimate	Taken
TO1	Add parking rules to front-end UI	2	
TO2	Integrate parking rules into permit application	1	
TO3			
Story Points: 1		Total Hours:	3

### Story 06: Permit Search

Task ID	Task Description	Estimate	Taken
TO1	SQL Lookup Accessors	2	
TO2	Front-end to back-end search communication	4	
TO3	Resource allocation for back-end	4	
Story Points: 3		Total Hours:	10

**Story 07: Cancel Permit**

Task ID	Task Description	Estimate	Taken
T01	SQL code to modify database entries	2	
T02	Python to SQL communication for modifying entries	3	
T03			
	Story Points: 2	Total Hours: 5	

**Story 15: Parking Permit Application**

Task ID	Task Description	Estimate	Taken
T01	Design permit application form	1	
T02	Connect application form to database	3	
T03	Database acceptance conditions (required fields etc)	4	
	Story Points: 3	Total Hours: 8	