

# w i t h d r i v e

**withdrive**

**Project Plan**

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## 1 Introduction

### 1.1 What is withdrive?

Withdrive is an upcoming car-pooling platform that will be used by drivers and passengers alike.

Carpooling is the act of sharing car journeys- meaning one person can travel somewhere and others can come on as passengers and the price of the trip can be shared and or paid to the driver.

### 1.2 Document purpose and overview

This document will go over requirements for the withdrive project. This document is to be formally called a project plan, as it will discuss and document the various significant details/information that has relevance in the project.

### 1.3 Project structure & sprints

This project will be completed within sprints. Each sprint has special requirements and criteria. This document will be developed in an Agile way.

The sprint stages are explained below:

Sprint	Title	Description
Sprint 1	Project Initiation	Defining the project by developing a business case. Creating user stories and initial setup of technical items.
Sprint 2		

## 2 User story backlog

For this project, a multitude of user stories are necessary to make development focused on adhering to what the users would want and expect.

Each story is covers two main types of end users. The user and the admin. With the user type having two sub types. That being a driver and passenger.

Each story has a user story title and corresponding incrementing number, that is later used in other documents for reference.

Each story has a priority rating from 1-10, 1 being **maximum** priority and 10 being **minimum**.

Each story also has an estimate for completion, for this I opted to use **story points** using the **Fibonacci** numbering system.

Title:	Priority:	Story Points:
US-01 Create user account	1	1
<b>User story:</b> As a new user, I want to be able to create a new account so that I can interact with the website features.		
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"><li>• I should be able to enter the following data:<ul style="list-style-type: none"><li>➤ Email</li><li>➤ First name</li><li>➤ Last name</li><li>➤ Date of birth</li><li>➤ Gender</li><li>➤ Phone Number</li><li>➤ Password</li></ul></li><li>• The Password must have at least one capital and one special character for security.</li><li>• There must be a repeat password field so that no mistake is made.</li></ul>		

Title:	Priority:	Story Points:
US-02 Signing in	2	1
<b>User story:</b> As a user of the platform I want to be able to login so that I can access features that are behind		
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"> <li>I should be able to login using my credentials:               <ul style="list-style-type: none"> <li>Email</li> <li>Password</li> </ul> </li> <li>Login should be secured with encryption.</li> </ul>		

Title:	Priority:	Story Points:
US-03 Logging out	3	1
<b>User story:</b> As a user of the platform, I want to be able to log-out so that I can safely leave the site.		
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"> <li>As I try to logout I would like to be prompted to confirm to logout.</li> </ul>		

Title:	Priority:	Story Points:
US-04 Create a ride	4	8
<b>User story:</b> As a driver user, I want to be able to create a ride so that potential passengers' users can apply for my trip.		
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"> <li>I can select which vehicle I want to use for the ride. The data must include:               <ul style="list-style-type: none"> <li>➤ Car manufacturer</li> <li>➤ Car Model</li> <li>➤ Build year</li> </ul> </li> </ul>		

<ul style="list-style-type: none"> <li>➤ Car colour</li> <li>➤ Car Image (Optional)</li> </ul>
<ul style="list-style-type: none"> <li>• I can set the time and date of the ride.</li> <li>• I can set the limit of passengers for the ride.</li> <li>• I can set the price per passenger for the trip.</li> <li>• I cannot apply for my own ride/s.</li> </ul>

Title:	Priority:	Story Points:
US-05 Search for rides	6	13
<b>User story:</b> As a passenger user, I want to search for rides so that I can then apply to ones I am interested in.		
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"> <li>• The following details may be inputted as search filters:               <ul style="list-style-type: none"> <li>○ Start location</li> <li>○ End location</li> <li>○ Date of the ride</li> </ul> </li> <li>• I should be able to only fill out the end location to see from where rides to that location are happening.</li> </ul>		

Title:	Priority:	Story Points:
US-06 View all upcoming rides on day	9	21
<b>User story:</b> As a passenger user, I want to see all available rides so that If I don't know where to go, I can see all possibilities		
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"> <li>• Only a date is necessary to be selected.</li> </ul>		

Title:	Priority:	Story Points:
US-07 View ride	5	3
<b>User story:</b> As a passenger user of the platform, I want to be view information about a ride so that if I can see all relevant information.		
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"> <li>• Page should contain information:               <ul style="list-style-type: none"> <li>○ About the driver.</li> <li>○ The car being used and how many passengers can fit</li> <li>○ The route being taken</li> <li>○ The price per passenger</li> <li>○ Ride map is included</li> </ul> </li> </ul>		

Title:	Priority:	Story Points:
US-08 Apply for a ride	7	8
<b>User story:</b> As a passenger user, I want to be able to apply for a trip so that I can be accepted for the ride by the driver.		
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"> <li>• I can write a short rationale as to why I am interested in this ride.</li> <li>• Provide some information about myself.</li> <li>• Driver will receive notification of my application being submitted.</li> </ul>		

Title:	Priority:	Story Points:
US-09 Accept/Reject ride application	8	5
<b>User story:8</b> As a driver user, I want to read trip applications so that I can accept people I would want on the ride.		
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"> <li>I can accept riders whose applications I liked. Then, they are automatically added to the trip, our details are then exchanged on the site. They will get notified.</li> <li>I can reject riders whose applications I did not like. They will get notified.</li> </ul>		

Title:	Priority:	Story Points:
US-10 Ability to edit personal information	10	5
<b>User story:</b> As a user of the platform, I want to be able to edit my personal information so that all my information is up to date.		
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"> <li>These should include: <ul style="list-style-type: none"> <li>Email</li> <li>First name</li> <li>Last name</li> <li>Date of birth</li> <li>Gender</li> <li>Phone Number</li> <li>Password</li> </ul> </li> <li>The Password must have at least one capital and one special character for security.</li> <li>There must be a repeat password field so that no mistake is made.</li> <li>I must fill out all fields, so that my account will work properly.</li> <li>Email must be correct.</li> </ul>		



Title:	Priority:	Story Points:
US-11 Leave review on passengers	11	13
<b>User story:</b> As a driver user of the platform, I want to be able leave reviews on my passengers so that other drivers can know if you should avoid certain passengers.		
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"> <li>I should be able to leave a star rating.</li> <li>I should be able to write a short review on travel with that person a day after the ride has begun. Email reminder is also sent.</li> </ul>		

Title:	Priority:	Story Points:
US-12 Leave review on driver	12	8
<b>User story:</b> As a passenger user of the platform, I want to be able leave reviews on my driver so that other passengers can know how good a driver is.		
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"> <li>I should be able to leave a star rating.</li> <li>I should be able to write a short review on travel with that person a day after the ride has begun. Email reminder is also sent.</li> </ul>		

Title:	Priority:	Story Points:
US-13 Reporting users	13	5
<b>User story:</b> As a user of the platform I want to be able to report passengers/drivers so that nobody will be hurt.		
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"> <li>Ability to include explanation &amp; evidence within the report.</li> </ul>		

Title:	Priority:	Story Points:
US-14 Deletion of reported profiles	14	3
<b>User story:</b> As an administrator I want to be able to delete users that infringe policy so that users with malice will not be present on the platform.		
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"> <li>User will be highlighted if there are many reports filed against them.</li> <li>Email and details are added to a blacklist.</li> </ul>		

Title:	Priority:	Story Points:
US-15 Forgotten password feature	15	21
<b>User story:</b> As a user of the platform, I want to be able to request a new password so that if I have forgotten my password, I am not locked out of my account		
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"> <li>At the login page there should be a forgotten password hyperlink</li> <li>I should be able to enter my email, and consequently receive a recovery email.</li> <li>The new Password must have at least one capital and one special character for security.</li> <li>My old password cannot be my new password.</li> </ul>		

Title:	Priority:	Story Points:
US-16 Create support ticket	16	5
<b>User story:</b> As a user of the platform, I want to be able create a support ticket so that if I have issues, I can contact support for help		
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"> <li>As I submit a complain, I can see its status. Either Active or Resolved.</li> </ul>		

- If I get a reply from the platform, I will get an email notification with the message.

Title:	Priority:	Story Points:
US-17 View and react to support tickets	17	3
<b>User story:</b> As an administrator, I want to be able view and reply to support ticket so that if users have issues, I can help and respond to them.		
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"> <li>• I can view all outstanding (and past) complaints and reply and change status.</li> <li>• I can view ticket statistics.</li> </ul>		

## 3 Project Plan

### 3.1 Schedule

Provide a summarised schedule for each of the phases and activities within the project.

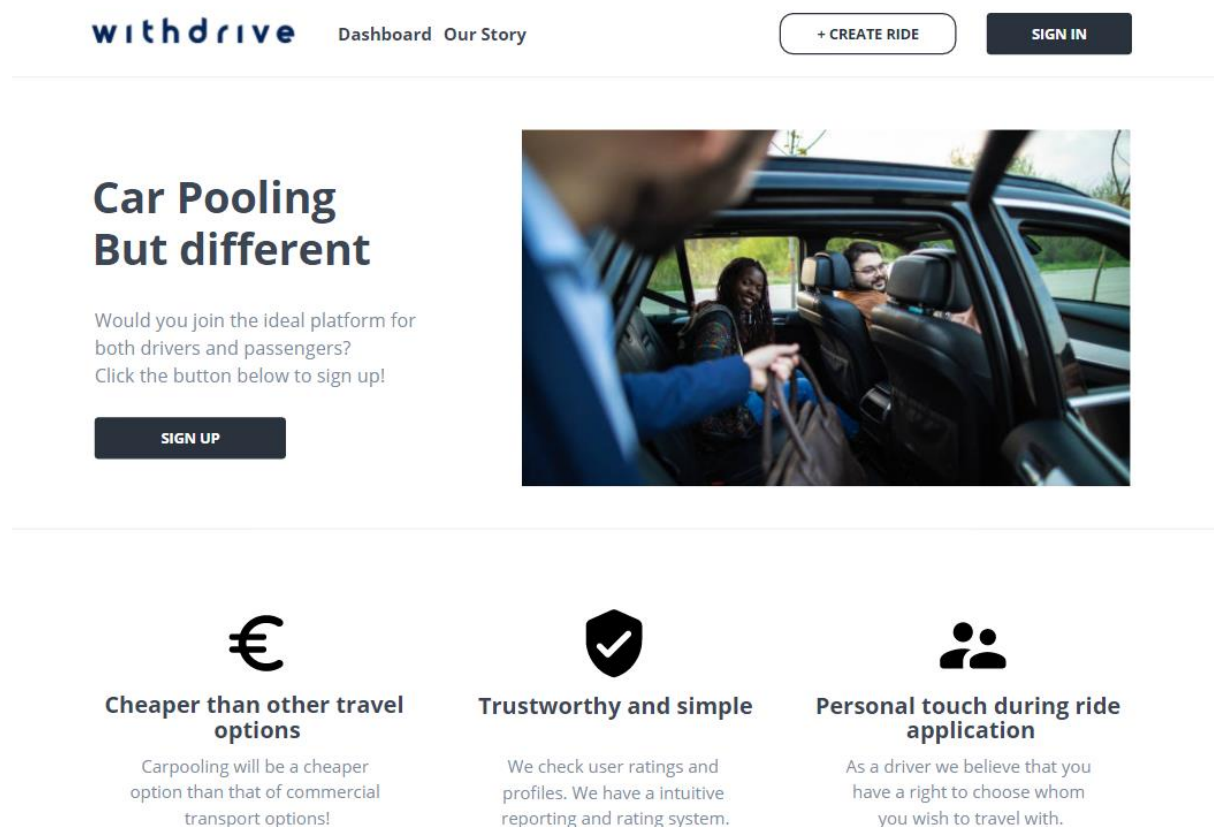
### 3.2 Deliverables

### 3.3 Non- Deliverables

### 3.4 Constraints

### 3.5 Concept design

#### 1 – Front landing page





## Document History

Version	Issue Date	Changes
[1.0]	[17/09/2021]	<i>Created document and added documentation relevant to Sprint 1.</i>