

# 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.

## 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 1-20, 1 being **maximum** priority and 20 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>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 logout I should be taken to the landing page.</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 license plate</li> </ul> </li> <li>I can set the time and date of the ride.</li> <li>I can set the limit of passengers for the ride.</li> </ul>		

- I can set the price per passenger for the trip.
- I cannot apply for my own ride/s.
- I can only set origin and destinations within the Netherlands.

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> </ul> </li> <li>• I should be able to only fill out the start location so that I can see rides coming out of a city.</li> <li>• You may only select Dutch locations.</li> </ul>		

Title:	Priority:	Story Points:
US-06 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>○ Name of the driver.</li> <li>○ The car's license plate being used and how many passengers can fit.</li> <li>○ Any other relevant information to be listed in a details field.</li> <li>○ The price per passenger</li> <li>○ Ride map is included</li> </ul> </li> </ul>		

Title:	Priority:	Story Points:
US-07 Apply for a ride	7	5
<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 via email.</li> </ul>		

Title:	Priority:	Story Points:
US-08 Accept/Reject ride application	8	5
<b>User story:</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 via email.</li> <li>• I can reject riders whose applications I did not like. They will get notified via email.</li> </ul>		

Title:	Priority:	Story Points:
US-09 View accepted passenger details	8	5
<b>User story:</b> As a driver user, I want to see an accepted users details so that I can contact them to arrange further details.		
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"><li>I can see the accepted passengers following details:<ul style="list-style-type: none"><li>Name</li><li>Age</li><li>Phone number</li><li>Email</li></ul></li></ul>		

Title:	Priority:	Story Points:
US-10 Ability to edit personal information	10	8
<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>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></ul>		



Title:	Priority:	Story Points:
US-11 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 on the day the ride has happened. This should be done automatically by the system without the driver starting the trip manually.</li> </ul>		

Title:	Priority:	Story Points:
US-12 View all active and past driver trips	10	5
<b>User story:</b> As a user of the platform, I want to be able to view my upcoming and past trips as a driver so that I can keep track of trips I am set to do and have done in the past.		
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"> <li>Both should be displayed on the same page, and a switch is pressed to switch between the upcoming and current views.</li> </ul>		

Title:	Priority:	Story Points:
US-13 View all active and past passenger trips	10	5
<b>User story:</b> As a user of the platform, I want to be able to view my upcoming and past trips as a passenger so that I can keep track of trips I am set to go on do and have been on in the past and can review the driver.		
<b>Acceptance Criteria:</b>		

- Both should be displayed on the same page, and a switch is pressed to switch between the upcoming and current views.

Title:	Priority:	Story Points:
US-14 User management	14	8
<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>• A list of users is shown.</li> <li>• Delete buttons present on users to delete profiles.</li> </ul>		

Title:	Priority:	Story Points:
US-15 Post notifications	14	8
<b>User story:</b> As an administrator I want to be able to send notifications to users So that they can be made aware quickly.		
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"> <li>• Notification sent out to all users on the platform.</li> </ul>		

Title:	Priority:	Story Points:
US-16 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> </ul>		

- I should be able to enter my email, and consequently receive a recovery email.
- The new Password must have at least one capital and one special character for security.

Versioning table:

Version	Issue date	Changes
1.0	10/11/2021	Finished