**Individual Project**

**Requirements**

**Software Engineering**

**beer.io**

**Fontys**

**University of Applied Sciences**

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# Version Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Description** | **State** |
| 1.0 | 16.09.2021 | Kristian Savov | Created document | Done |
| 1.1 | 23.09.2021 | Kristian Savov | * Updated user stories * Added Estimations | Done |
| 1.2 | 14.01.2022 | Kristian Savov | Changed most of the user stories because the project has been changed due to the lack of time to execute | Done |

# Distributions

|  |  |  |
| --- | --- | --- |
| Version | Distribution Assignees | Date |
| 1.0 | Jacco Snoeren | 17.09.2021 |
| 1.0 | Onno Marsman | 17.09.2021 |
| 1.2 | Jacco Snoeren | 14.01.2022 |
| 1.2 | Frenk Reemer | 14.01.2022 |

# Introduction

This document is meant to acquaint the reader with the requirements for the project called “beer.io”.

The project will be developed in an educational environment in Semester 3, for Fontys University of Applied Sciences, in the Software Engineering course. Due to its educational nature, there will be no monetary gain and it can be fully freely distributed.

“beer.io” is an online multiplayer game intended for competitive online gamers and beer enthusiasts. It is a fun way to relax after a long day at work and spend time with like-minded people. Every user will have the opportunity to show off their diverse collections of beer available for gathering from within the game. Moreover, a player will be able to compete with other users by comparing their scores and hard-to-obtain beer collections. Players will be able to leave a review for the beers they have collected.

# User Requirements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **User Story** | **Requirement** | **Acceptance Criteria** | **Priority** | **Estimation** |
| As a user I would like to register so I can play the game. | Registration | Given that I input all the correct data for registration, when I click the Register button, then an account with the entered data is created and I can play the game. | Must | 1-2 hours |
| As a user I would like to log into my account so I can play the game. | Logging into account | Given that I input the correct email and password for logging in, when I click the Login button, then I am allowed to access my account. | Must | 2-3 hours |
| As a user I would like to change my email for my account so I can log in with a different email. | Changing account email | Given that I enter an email different to the one I am already using to log into my account, when I click the change email button, then I will be able to log in using the new email. | Could | 1-2 hours |
| As a user I would like to change my password for my account so that I can log in with a different password. | Changing account password | Given that I enter a password, meeting the criteria, when I click the change password button, then I will be able to log in using the new password I entered. | Could | 1-2 hours |
| As an admin I would like to delete a user's account so that this user no longer exists. | Delete user’s account | Given that I have chosen a user to delete, when I click the delete button for that user, then that user will no longer exist, and they will not be able to log in anymore. | Should | ½ day |
| As a user I would like to send a message to other users | Sending messages | Given that I am logged into my account and I am on the landing page, when I type a message and send it, then other users should receive this message | Must | 1 day |
| As a user I would like to receive a message | Receiving messages | Given that I am logged in and I am on the landing page, when someone else sends a message, then I will see their message on the landing page | Must | 1 day |
| As a user I would like to log out of the application | Logging out of application | Given that I am already logged in the application, when I select the option to log out, then I will be sent back to the login screen, where I can either log in or create a new account | Must | 1 day |