



SimpleSurveys – UseCases

Projektziel

Es sollte eine Web-Applikation erstellt werden, mit welcher es möglich ist, so einfach wie möglich Umfragen zu erstellen und bearbeiten. Man muss sich weder anmelden, um eine Umfrage zu beantworten noch um eine zu erstellen.

Beim Erstellen einer Umfrage kann man ein Passwort setzen mit welchem es möglich ist die Umfrage an einem späteren Zeitpunkt wieder zu bearbeiten oder die Daten einzulesen (wenn die Umfrage privat gestellt ist).

Verlauf

Die Programmierung verlief relativ gut. Zuerst programmierte ich alle Models, dann das Backend. Dies verlief schnell. Das grösste Problem war das GUI. Es war das erste richtig grosse Projekt bei welchem ich ein GUI in HTML/CSS machen musste und ich hatte daher ziemlich Schwierigkeiten. Mein Projekt hatte auch einen recht grossen Umfang was ich anfangs nicht dachte, dass es später ein Problem darstellen würde. Zuletzt konnte ich dann aber trotzdem nicht alles implementieren was ich wollte (zumindest im UI).

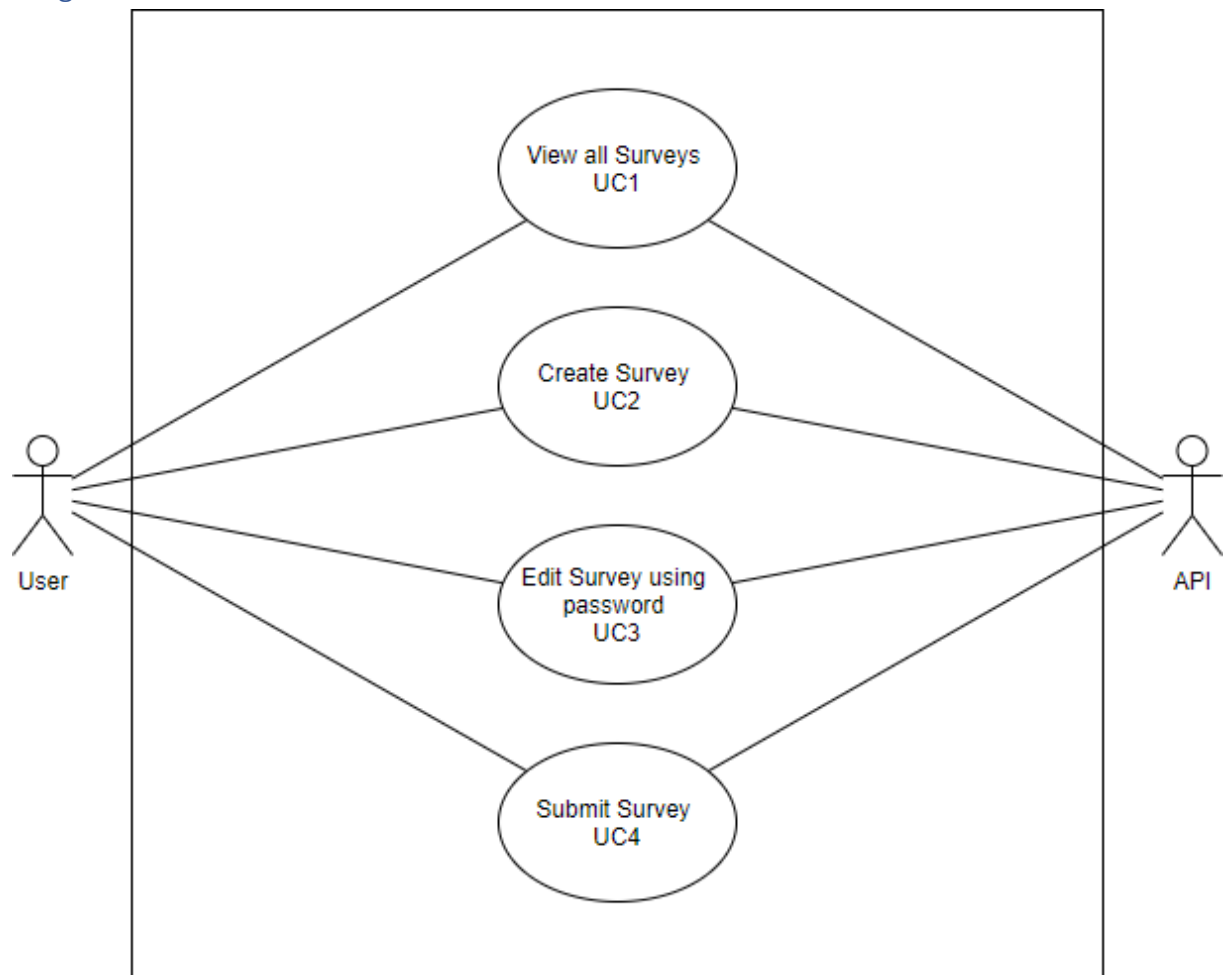
Features

Die Webapp erlaubt es Umfragen zu erstellen, diese zu bearbeiten und beantworten. Es gibt verschiedene Arten von Umfrage-Schritten. Auf der Start-Seite werden alle bereits erstellen Umfragen angezeigt.



UseCases

Diagramm





Beschreibung

| | |
|----------------------------------|--|
| UC1 | View all Surveys |
| Level | User-goal |
| Primary Actor | User |
| Stakeholder and Interests | User – They want to see all Surveys that have been created yet. |
| Preconditions | - |
| Postconditions | - |
| Main Scenario | All Surveys in the database are displayed on the front page of the website. |
| Alternate Scenarios | If no surveys exists a page should be shown informing the user that the database is empty. |
| Special Requirements | At least one survey exists |
| Frequency of Occurrence | Very frequently, on each load of the front page (index) of the website. |
| Miscellaneous | - |

| | |
|----------------------------------|---|
| UC2 | Create Survey |
| Level | User-goal |
| Primary Actor | User |
| Stakeholder and Interests | User – Users want to create their own issues of course. |
| Preconditions | The inputted data is valid for a survey |
| Postconditions | The survey entry got added in the database |
| Main Scenario | The User creates a new survey on the website and submits it |
| Alternate Scenarios | If the data the user inputted is invalid or inconsistent the user is informed, the survey is not added to the database yet. |
| Special Requirements | Inputted data is valid, complete and consistent. |
| Frequency of Occurrence | Quite frequently. |
| Miscellaneous | - |

| | |
|----------------------------------|---|
| UC3 | Edit Survey using password |
| Level | User-goal |
| Primary Actor | User |
| Stakeholder and Interests | User – Has a user created a survey, they might want to edit the survey later. This is possible using a survey-password |
| Preconditions | Correct password for the survey |
| Postconditions | The survey entry got updated in the database |
| Main Scenario | The User edits his survey on the website and submits it |
| Alternate Scenarios | If the data the user inputted is invalid or inconsistent the user is informed, the survey is not updated in the database yet. |
| Special Requirements | Inputted data is valid, complete and consistent. |
| Frequency of Occurrence | Less frequently. |
| Miscellaneous | - |



| | |
|----------------------------------|---|
| UC4 | Submit survey |
| Level | User-goal |
| Primary Actor | User |
| Stakeholder and Interests | User – Of course the surveys should also be answered at some point. The user can submit a survey result after answering all questions. |
| Preconditions | All required steps are answered |
| Postconditions | The survey result got added to the database |
| Main Scenario | The User submits a survey they have answered |
| Alternate Scenarios | If not all required steps are answered, the user is informed and the result is not added to the database yet. |
| Special Requirements | Inputted data is valid, complete and consistent. |
| Frequency of Occurrence | More frequently. |
| Miscellaneous | - |

Architecture

