Luka Spaninks

Semester 6

RB03

*Version 1*

Afbeelding met tekst

Automatisch gegenereerde beschrijving

Preface

The complete analysis phase of the project SwipeRight can be found in this document. This file will evolve over time and can always be expanded upon.

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# 1. Stakeholders

|  |  |
| --- | --- |
| Stakeholder | Description |
| Developer (me) | In this project, the developer is responsible for the product and everything involving the process. |
| Teachers | The teachers have a supporting role in this project. They give feedback and eventually grade the project. |
|  |  |

# 2. Requirements

## 2.1 Functional Requirements

|  |  |  |
| --- | --- | --- |
| N. | Description | MoSCoW |
| FR-01 | Users must get other users recommended to them based on location and preferences | Must Have |
| FR-02 | Users must be able to swipe recommended profiles to the left or right in order to accept or reject them | Must Have |
| FR-03 | Users must be able to view their own profile | Must Have |
| FR-04 | Users must be able to change preferences like distance, gender and age | Must Have |
| FR-05 | Users must be able to view matches | Must Have |
| FR-06 | Users must be able to edit their own profile | Must Have |
| FR-07 | Users must be able to chat to matches | Must Have |
| FR-08 | Users must be able to register an account | Must Have |
| FR-09 | Users must be able to login with their credentials | Must Have |
| FR-10 | Users must get a notification when they get a new match | Should Have |
| FR-11 | Users must get a notification when they get a chat message | Should Have |
| FR-12 | Users must be able to upload multiple pictures | Should Have |
| FR-13 | Users must be able to view more details on a profile | Should Have |
| FR-14 | Users must be able to send media (gifs, video’s, images & music) to matches | Should Have |
| FR-15 | Users must be able to toggle dark/light mode | Could Have |
| FR-16 | Users must be able to integrate their socials (Instagram, TikTok or Spotify) | Could Have |
| FR-17 | Users must be able to share a recommended profile | Could Have |

## 2.2 Non-functional Requirements

|  |  |
| --- | --- |
| N. | Description |
| NFR-01 | Scalability in terms of a large user base |
| NFR-02 | Security in terms of data |
| NFR-03 | Compliance with GDPR |
| NFR-04 | Transparency concerning the process, research, design and data usage |
| NFR-05 | Extensibility in terms of new features and applications |
| NFR-06 | Performance (meaning low response times and efficient data usage) |
| NFR-07 | Easy (automated) deployment and testing |
| NFR-08 | Transferability and maintainability, making it convenient for someone to continue the project |

# 3. Use Cases

|  |  |
| --- | --- |
| Use Case 01 | Profile Recommendations |
| Actor(s) | User |
| Basic Flow | A screen displays recommended profiles to the current user based on based on location and preferences |
| Alternative Flow 1 | There is no connection to the internet, so recommendations can’t be fetched |
| Alternative Flow 2 | There are no users of the app in a specified location radius, so no recommendations are displayed to the user |
| Result | The user is able to view and like/dislike profiles |

# 4. Use Case Diagram

# 5. Wireframes