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SwipeRight

Analysis

Luka Spaninks
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RB03

Version 1

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