CEN 4010 Principles of Software Engineering, Fall 2021

Milestone 3 Project Proposal and High-level description

Group Number 5

Habits and Habitats

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# Executive Summary

# Competitive Analysis

# Data Definition

# Overview, Scenarios and Use Cases

# Overview, scenarios and use cases

# High-level functional requirements

The following functional requirements will be the explained in a detailed manner on how Habits and Habitats will work.

**User Story:** As a new user I would like to login to my account or create an account

**Priority:** 1

**Functional requirements:**

* 1. After launching the app/game a login screen will open asking the user to sign in. The following option will be provided:
  2. The user will have the choice of login into the app using **Facebook** or **Google** account – Priority 2
  3. The user will have the choice of login into the app by entering **username and password**  - Priority 1
     + 1. If the user does not have an account, a link will be provided for signing up to the app – Priority 1
       2. If the user does not remember username and password information, a link will be provided to retrieve password – Priority 1

[insert image of login screen]

**User Story:** As an existing user, I would like the ability to login into my account

**Priority:** 1

**Functional requirements**

* 1. The user will have the choice of login into the app using **Facebook** or **Google** account - Priority 2
  2. The user will have the ability to login using **username** and **password** - Priority 1
     1. The user will have the ability to change username and password - Priority 1

[insert image of login screen and change username/password page]

**User Story:** As a user I would like the ability to create an Avatar

**Priority:** 2

**Functional requirements**

**User Story:** As a user, I would like to read messages for general updates, world events, game event and donations

**Priority:** 1

**Functional requirements**

6.11 The user will have a choice on the Community Page of the following

6.11.1 Self Care: [Needs Information] – Priority 2

6.11.2 Mental Health [Needs Information] – Priority 2

6.11.3 Physical Health [Needs Information] – Priority 2

6.11.4 Self Improvement [Needs Information] – Priority 2

6.11.5 Financial [Needs Information] – Priority 2

6.11.6 ETC [Needs Information] – Priority 2

[insert image of community screen]

**User Story:**

**Priority:**

**Functional requirements**

**User Story:**

**Priority:**

**Functional requirements**

**User Story:**

**Priority:**

**Functional requirements**

**User Story:**

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**User Story:**

**Priority:**

**Functional requirements**

# List of non-function requirements

# High-level system architecture and Database Organization

# High-Level UML diagrams

# 10. Identify actual key risks for your project currently