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crenit | The Netherlands

URS

User Requirement Specifications

2023

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# Introduction

The presented document lays out the User Requirement Specifications for this project. It’s currently being developed by an ICT student from Fontys University of Applied Science.

# Project scope

The scope of this project describes what functionality will be added for the project, based on the system requirements provided later in this document.

Web application

Admin:

1. Management of all the users
2. Management of all quizzes
3. Management of all categories

Customer:

1. Creating & answering quizzes
2. Editing their personal details
3. Sending messages to other users.

# User stories

|  |  |  |
| --- | --- | --- |
| Title: US-01 Update profile | Priority: Medium | Estimated: 10h |
| User story: As a customer of the company, I would like to be able to update my profile information at any time, because it might be outdated. | | |
| Acceptance Criteria: The user inputs his new name, email, age, address, or password and clicks the button “Save” to update his information. | | |

|  |  |  |
| --- | --- | --- |
| Title: US-02 Chat | Priority: High | Estimated: 4d |
| User story: As a future user of this website, I would like to be able to text with other users. I think this feature will help the community in many ways | | |
| Acceptance Criteria: A user inputs a message in the message box and clicks the button “Send” to send his message in the general chat. | | |

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| --- | --- | --- |
| Title: US-03 Visit profiles | Priority: Low | Estimated: 1d |
| User story: As an owner of different brands, I would like to visit other profiles and get some information about other users, I think it would be useful. | | |
| Acceptance Criteria: A user clicks the name of another user and selects “Visit profile” to see his profile information. | | |

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| --- | --- | --- |
| Title: US-04 Creating quiz | Priority: Very High | Estimated: 2d |
| User story: As a stakeholder, I think it would be nice if I can make my own quiz for my friends to answer. | | |
| Acceptance Criteria: An admin or user fills all fields of the quiz with proper questions and answers and click on create to make the quiz. | | |

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| --- | --- | --- |
| Title: US-05 Answer quizzes | Priority: Very High | Estimated: 3.5d |
| User story: As a stakeholder, I would like to be able to answer different types of quizzes. | | |
| Acceptance Criteria: A user selects a quiz and answers the questions by selecting the fields. | | |

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| --- | --- | --- |
| Title: US-06 Create categories & subcategories | Priority: High | Estimated: 2.5d |
| User story: As a future admin of the website, I would like to create more categories or subcategories if needed. | | |
| Acceptance Criteria: An admin fills all fields to create a category with proper name, and parent if it’s a subcategory, then clicks on “Create” to register it in the system. | | |

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| --- | --- | --- |
| Title: US-07 Freeze a user account | Priority: Low | Estimated: 1.5d |
| User story: As an admin of the website, I would like to be able to freeze specific user profiles if they violate our policy. | | |
| Acceptance Criteria: An admin selects user and click on freeze account to stop him from logging in the application. | | |

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| --- | --- | --- |
| Title: US-08 Update quizzes | Priority: Medium | Estimated: 1d |
| User story: As an admin of the website, I would like to be able to update the information of some quizzes. | | |
| Acceptance Criteria: An admin or user can select a quiz and fill the new details, then click on “Save” to update his quiz. | | |

|  |  |  |
| --- | --- | --- |
| Title: US-09 Delete quiz | Priority: Medium | Estimated: 9h |
| User story: As an admin of the website, I would like to be able to remove specific quizzes, because they might be outdated or violating our policy. | | |
| Acceptance Criteria: An admin or user can select his quiz or a quiz if he is an admin and click on “Delete” to remove it for the system. | | |

|  |  |  |
| --- | --- | --- |
| Title: US-10 Delete an account | Priority: Medium | Estimated: 2h |
| User story: As an admin of the website, I would like to be able to delete a specific user’s account, because he might do something that is against our policy. | | |
| Acceptance Criteria: An admin can select a user, click on “Delete” and delete his account. | | |

# 5. Wireframes

A screenshot of a login page

Description automatically generated A screenshot of a quiz

Description automatically generated

A screenshot of a login form

Description automatically generated A screenshot of a quiz

Description automatically generated

A screenshot of a login screen

Description automatically generated

A screenshot of a computer

Description automatically generated

* + The wireframes shown above are for the web application, which is going to be used mainly by the customers. They were made before the implementation of the site, and they do not represent the final product (website layout won’t be the same).

The prototype can be seen in this link - <https://www.figma.com/file/ZyI70VeOvkCC5RH2upzrUv/Individual-project?type=design&node-id=0%3A1&mode=design&t=TcxC10x61pGpyGod-1>

# 6. Sitemap

A diagram of a website

Description automatically generated

* + This sitemap shows the security and flow of the website. Everyone is asked for their login credentials before accessing the Home page.

# 7. ERD Diagram

A screenshot of a computer

Description automatically generated

* + The data base diagram shown above is the perfect way to store all the data of all users. Every table represents different type of stored information, with a connection between them.

# 8. Business process diagram – Creating a quiz

A diagram of a company

Description automatically generated with medium confidence

* + This diagram shows a business process of the application for the registration and login of the user.