Software Requirements Specification

*Encyclopedia Web Application*

**Version** *1.0*

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**Revision History**

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
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# Introduction

## Purpose

## Document Conventions

## Intended Audience and Reading Suggestions

## Project Scope

## References

# Overall Description

## Product Perspective

## Product Features

## Operating Environment

## Design and Implementation Constraints

## User Documentation

## Assumptions and Dependencies

# System Features [Functional Requirements]

**USER:**

## Functional Requirement 1

## Functional Requirement 2

## Functional Requirement 3

## Functional Requirement 4

## Functional Requirement 5

## Functional Requirement 6

## Functional Requirement 7

## Functional Requirement 8

**ID:** FR8\_U

**Title:** Record Voice

3.8.1 Description and Priority

**Description**: The User should be able to record voice recordings on the web application

**Priority:** Medium

3.8.2 Stimulus/Response Sequences

**Stimulus sequences:**

1- User is logged in the system

2- User navigates through the web application to show the categories

3- User clicks on the voice record button to start recording

**Response sequences:**

1- if the user logged in and clicked on the voice record button and start recording this record shall be added successfully to the web application.

2- if the user after logged in tries to record voice recording and he/she can not, the system shall alert message that there is something wrong with the system.

**Dependency:** FR2\_U.

## Functional Requirement 9

**ID:** FR9\_U

**Title:** Follow specific categories

3.9.1 Description and Priority

**Description**: The User should be able to follow specific categories and receive a notify message after this articles added to the system

**Priority:** Medium

3.9.2 Stimulus/Response Sequences

**Stimulus sequences:**

1- User is logged in the system

2- User navigates through the web application to show the categories

3- User clicks on the follow button to follow specific categories

**Response sequences:**

1- if the user logged in and clicked on the follow button for specific categories the user shall receive any new article that is added to this category that he/she follows.

2- if the user after logged in can not receive notification after a new article is added to his/her following category the system shall alert message that there is something wrong with the system.

**Dependency:** FR2\_U.

## Functional Requirement 10

**ID:** FR10\_U

**Title:** Notify user about new articles

3.10.1 Description and Priority

**Description**: The User should receive notification about any new articles that are added to the categories that this user is following.

**Priority:** Medium

3.10.2 Stimulus/Response Sequences

**Stimulus sequences:**

1- User is logged in the system

2- User navigates through the website to show the notifications

3- User clicks on notification button

4- User click on the newest article that added to the web application

**Response sequences:**

1- if the user logged in and clicked the notification button to show the newest article this article should appear successfully in the web application.

2- if the user after logged in can not show the notification message that there is a new article added to the web application the system shall alert message that there is something wrong with the system.

**Dependency:** FR9\_U.

**ADMIN:**

## Functional Requirement 11

**ID:** FR11\_A

**Title:** Delete user Account

3.11.1 Description and Priority

**Description**: The Admin shall be able to delete any user account

**Priority:** Medium

3.11.2 Stimulus/Response Sequences

**Stimulus sequences:**

1- Admin will navigate to the Encyclopedia web Application.

2- Admin should be logged in to the system.

3- Admin chooses a specific user account to delete it.

4- Admin then click on the delete button.

**Response sequences:**

1- if the admin logged in and chooses to delete a specific user account a message should appear that this user deleted successfully from the web application.

2- if the admin after logging in can not delete a specific user the system shall alert message that there is something wrong with the system due to poor connection.

**Dependency:** FR2\_U.

## Functional Requirement 12

**ID:** FR12\_A

**Title:** Give user Access

3.12.1 Description and Priority

**Description**: The Admin shall be able to give the access permission to any user in the system to be admin to.

**Priority:** Medium

3.12.2 Stimulus/Response Sequences

**Stimulus sequences:**

1- Admin will navigate to the Encyclopedia web Application.

2- Admin should be logged in to the system.

3- Admin chooses a specific user account to give access permission to be an admin to.

4- Admin click confirm button.

**Response sequences:**

1- if the admin logged in and chooses to give access permission to a specific user account to be admin, a message should appear that this user is now admin to the system successfully.

2- if the admin after logging in can not give access permission to a specific user the system shall alert message that there is something wrong with the system due to poor connection.

**Dependency:** FR2\_U.

## Functional Requirement 13

**ID:** FR13\_A

**Title:** Delete user Content

3.13.1 Description and Priority

**Description**: The Admin shall be able to delete any content that the user adds to the web application like (upload videos , upload records , publish article to specific category) that violates the rules of the system.

**Priority:** Medium

3.13.2 Stimulus/Response Sequences

**Stimulus sequences:**

1- Admin will navigate to the Encyclopedia web Application.

2- Admin should be logged in to the system.

3- Admin navigate to a specific user account to delete specific content.

4- Admin click delete button on specific content.

**Response sequences:**

1- if the admin logged in and chooses a specific account to delete specific content from it the system should show a message that this content is deleted.

2- if the admin after logging in can not delete specific content for a specific user the system shall send an alert message that there is something wrong with the system due to poor connection.

**Dependency:** FR2\_U.

## Functional Requirement 14

**ID:** FR14\_U

**Title:** Notify user about content deleted

3.14.1 Description and Priority

**Description**: The User should receive notification at his/her account showing that there is specific content deleted from their account.

**Priority:** Medium

3.14.2 Stimulus/Response Sequences

**Stimulus sequences:**

1- User will navigate to the Encyclopedia web Application.

2- User should be logged in to the system.

3- Click the notification button.

4- The message appeared that specific content had been deleted.

**Response sequences:**

1- if the user logged in and clicks the notify button the notification should appear successfully with the right message.

2- if the user after logging in can not show the notification the system shall alert message that there is something wrong with the system due to poor connection.

**Dependency:** FR1\_U.

1. **Specific Requirements**

# External Interface Requirements

# Nonfunctional Requirements

## Performance Requirements

## Security Requirements

## Software Quality Attributes

**1- Usability**

• Well-structured user manuals.

• Informative error messages.

• Help facilities.

• Well-formed graphical user interfaces

**2- Reliability:**

**.**The system's downtime should not be more than ten

minutes per month.

**3- Portability:**

**.** The system should support almost all the browsers due to itis Web application

(Internet Explorer, Safari, Chrome, and Firefox).