Software Requirements Specification

**Game Review**

**Web Application**

**Version 0.4**

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# Introduction

## Purpose

This document describes the requirements for an IT System that let`s users communicate about their favorite games, get reviews and see different stats about games. This document is intended for future developers and users.

## Scope

The application created is intended to be a forum for people interested in games, either discussing games or finding news about their favorite games. It gives users and visitors reading access, and discussion access to some of them.

## Definitions, Acronyms and Abbreviations

### Acronyms

|  |  |  |
| --- | --- | --- |
| 1 | JS | JavaScript |
| 2 | CSS | Cascading Style Sheets |
| 3 | HTML | Hyper Text Markup Language |

### Definitions

|  |  |  |
| --- | --- | --- |
| 1 | User | Person registered in application |
| 2 | Visitor | Person using the application without being registered |
| 3 | Thread | Page related to a certain topic |
| 4 | Ban | Delete users account permanently |

## References

1. <https://www.w3schools.com/>
2. <https://docs.microsoft.com/en-us/aspnet/tutorials>
3. <https://html.com/>
4. <https://javascript.info/>
5. <https://stackoverflow.com/>
6. [*https://www.tutorialspoint.com/*](https://www.tutorialspoint.com/)
7. <https://stackoverflow.com/questions/6169347/why-do-forums-store-posts-in-a-database>

# Overall Description

## Product Perspective

The application will contain a main page with different popular games at the moment and different reviews that is common for both users and visitors to see and access, and random games selected by genres. Both will be able to access the game page by clicking the hyperlink.

Users and admins will have different buttons. Users will be able to access their profile, leave reviews, edit reviews, change account details, remove their reviews, create request threads. Admins will be able to create new game threads, remove threads, ban users, delete reviews.

Visitors will be able to view threads, but won’t be able to interact.

## Product Functions

Each visitor will be able to visit the site on different game threads and see different reviews. Each page will have a short description of the game and players reviews. The reviews will be able to be sorted by different criteria such as upvotes, create date, etc..

Users will be able to log in their accounts, change account details, create reviews, request threads for games, edit past reviews created by them or delete their reviews. They will have a user page in which other users or admins will be able to see their past activities, favorite game and details.

Admins will be able to create game threads after reviewing request threads, change reviews made by all other users or admins, delete all types of threads.

All types of users will be able to access a search bar for a certain game.

## User Characteristics

The product is designed to be used by people interested in games. There will be:

* Users:

Those are the people interested in giving reviews and letting others know about their opinion.

They will have different rankings based on how active and how good their reviews are rated by others.

They will be able to create reviews, remove reviews or delete reviews or rating left. They will have a user page which will show past activities.

* Visitors:

Visitors will be people coming in for a quick look at different games to give them a try. They won’t be able to leave reviews or give ratings to those. They will be able to create account and get those functionalities.

* Admins:

They will be able to add a new game to the review list, in case new ones appear, in case a request thread is made, delete reviews or users.

## Constrains

1. Games need to be added manually by admins.
2. Users ranks updates need to take in consideration active time and rating score for the user.

## Assumptions and Dependencies

1. One problem that might appear is when users get bad ratings and they delete that review. The rating should not change for the better
2. If a user deletes its account their reviews for the game will stay the same but the username will not be shown.
3. If a user is banned their reviews will stay on the site unless deleted manually by admins.

# Functional Requirements

## Visitor Class

### Search game

Visitors will be able to use a search bar to see if a game thread exists.

### Register

A visitor can register on the website. In order to register the visitor must provide username, password and e-mail address.

## User Class

### Login

User can login with it`s credentials used while registering

### Recover Password

Users can recover password if they forgot it. They must provide their e-mail address in order to be sent and email to recover the password.

### Review

In a game thread they can leave reviews that must contain some description.

### Request thread

Users will be able to request a game thread to be added by an admin. They must provide a reason for the game to be added to the review list.

### Change password

Users will be able to change password by providing the last password and introducing the new one twice. The process will be done in the account detail menu.

### Search game

Users will be able to use a search bar to see if a game thread exists.

### Edit review

Users will be able to edit their own reviews in time. To do that there must be at least one difference from the previous review.

### Rate reviews

Users will be able to rate other reviews based on how descriptive or helpful they were.

### Delete review

Users will be able to delete past reviews if committed by mistake.

## Admin

### Login

Admins will also be able to login

### Ban users

Admins will be able to ban users if they find their reviews unnecessary.

### Remove reviews

Admins will be able to remove reviews made by other users. They will need to provide a reason. The users will be notified when that happens with the reason

### Create thread

Admins will be able to create threads that are not yet added in case users submit a request.