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.

## 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 all users reading access, and discussion access to some of them.

## Definitions, Acronyms and Abbreviations

*JS -> JavaScript*

*CSS -> Cascading Style Sheets*

*HTML -> Hyper Text Markup Language*

## 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>

## Overview

The rest of the SRS is split in 2 other major Chapters:

1. Overall Description
2. Specific Requirements

The first chapter provides a background for requirements that will be specified in chapter 3 and makes them easier to understand.

The second chapter contains all the software requirements to a level of detail sufficient enough to let designers design a system that satisfies those requirements, and testers to test them.

Those requirements include a short and concise description.

# Overall Description

## Product Perspective

The site will have the following information in its database:

* User details:

Includes the type of user in order to see its rights and rating in order to identify mainly how active they are.

* Review details:

It stores when the review was tested (how long before a patch/rework it was), and how useful the rework was based on a rating that each user will be able to give. There is a linkage between the user that made the review and the review itself.

* Game scores:

It stores the scores from reviews for every game based on all other reviews made by users. Scores are going to be used in order to determine which games are good without reading many reviews.

## Product Functions

Major functions the application will provide are:

* Login for users
* Log out for users
* Register user
* Create review
* Add game to favorites
* Upgrade users based on activity on website
* Delete review
* Edit review
* Create game topic

## 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.

* 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.

## 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.