

Software Requirements Specification for the Used Video Games Trade Post

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1. Introduction

1.1 Purpose

This Software Requirements Specification is intended to document the requirements for the Used Video Games Trade Post (UVGTP). The requirements were gathered through consultation with Professor Berajawala.

1.2 Context

The Used Video Games Trade Post serves as an intermediary to players needing to sell games they have already cleared or games they don't like. Since video games are getting more and more expensive, and a video game may not be attractive to players when they beat this game, putting these games aside? What a waste! The Used Video Games Trade Post provides a website looks like a market where players could post their used video games, other players could search specific games or sorted used video games by time. The Used Video Games could provide used video games details for customer who want to buy used video games. For instance, Steve post his games on our website, then Rogers see this information, he clicks this game, jump into details page, Rogers could leave messages such as 'can you discount it?' to Steve on detail pages.

2. The Overall Description

2.1 Product Perspective

The Used Video Games Trade Post is independent and not a component of a larger system.

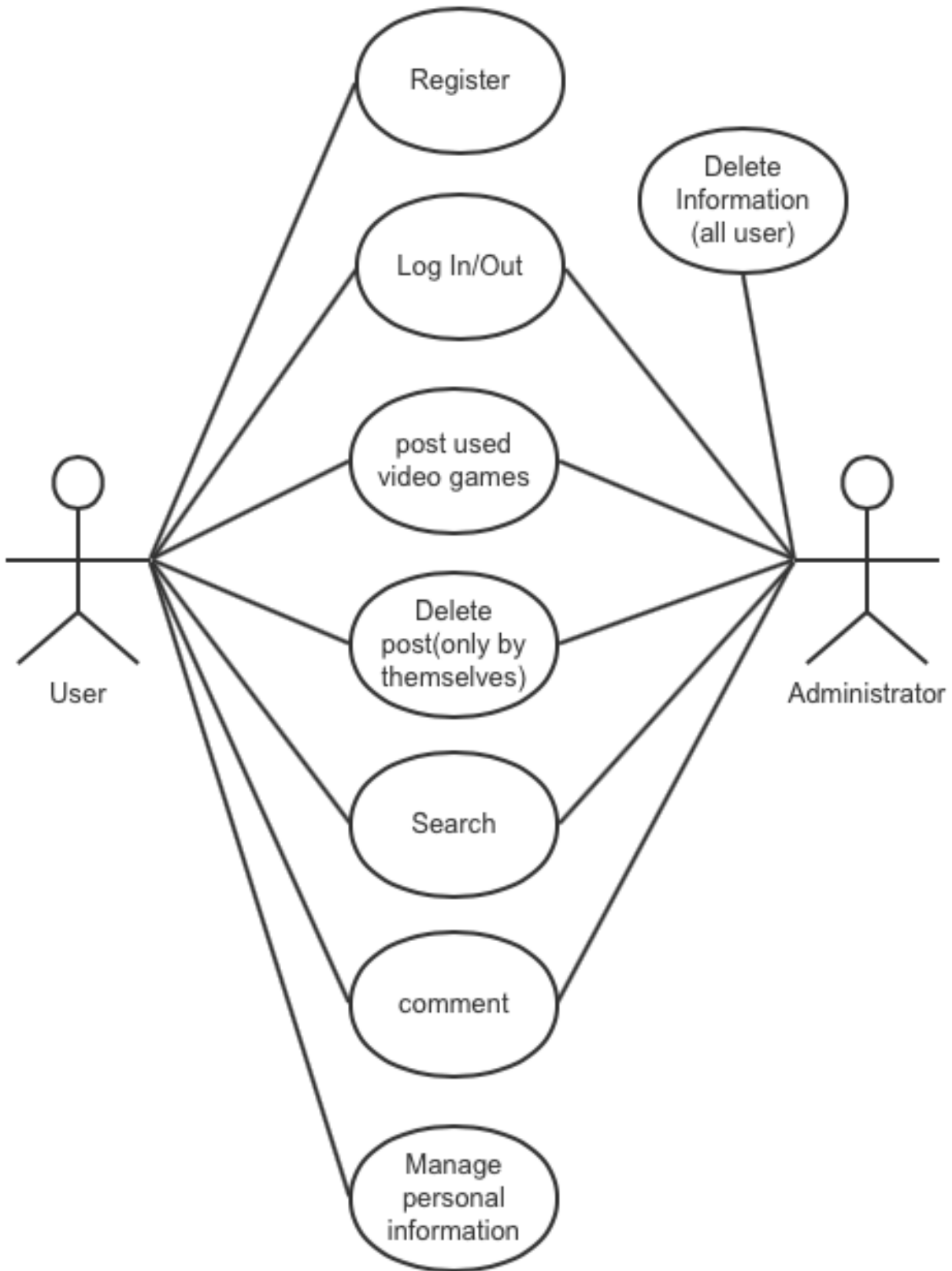
2.1.1 Software Interfaces

The Used Video Games Trade Post will be made available in the form of a server application. The server application will run on a JEE Application Server, which is a prerequisite for the Used Video Games Trade Post, such as Tomcat.

To be continue.....

3. Specific Requirements

3.1 UVGTP Use Case Diagram



3.2 Use Case Description

3.2.1 User registration

- a. Introduction: The UVGTP shall allow the user to register a personal account on this application
- b. Inputs: details information of users, such as username, email, password etc.
- c. Outputs: if user register successfully, the system will jump to main page. Or system will remind you that register failed.

3.2.2 User Log in/out

- a. Introduction: The UVGTP shall allow the user to log in/out this system.
- b. Inputs: The user must provide username and password to log in this system.
- c. Outputs:

3.2.3 User post used video games information

- a. Introduction: The UVGTP shall allow users to post their used video games.
- b. Inputs: Users need to input the type of game consoles, such as ps4, Xbox One or Switch.
Users need to input the details of games such as game's name, game's type and game's photo. Also users could leave a comment about this game.
- c. Outputs: the system will jump to this game's main page.

3.2.4 Delete post.

- a. Introduction: The UVGTP shall allow users to delete their own post.
The administrator could delete anyone's post.
- b. Inputs:
- c. Outputs:

3.2.5 Search.

- a. Introduction: The UVGTP shall allow users to search video games by keywords.
- b. Inputs: users could input keywords of video games.
- c. Outputs: relevant video games.

3.2.6 Leave message

- a. Introduction: The UVGTP shall allow users to leave messages on the main page of specific video games, for example, users can ask the seller for discount and talk with the seller on the main page of specific video games.
- b. Inputs: users' message.
- c. Outputs: previous page plus users' message.

3.2.7 The main page of UVGTP

- a. Introduction: The main page of UVGTP would show the title of video games, sorted by post time. The title comprised by type and name of video games.

3.2.8 The main page of video games

- a. Introduction: The main page of video games would show the details of specific video games. Users could leave messages here.