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<RevUStG>
Use-Case Specification

Version <1.0>

Revision History

Date	Version	Description	Author
<dd/mmm/yy>	<x.x>	<details>	<name>

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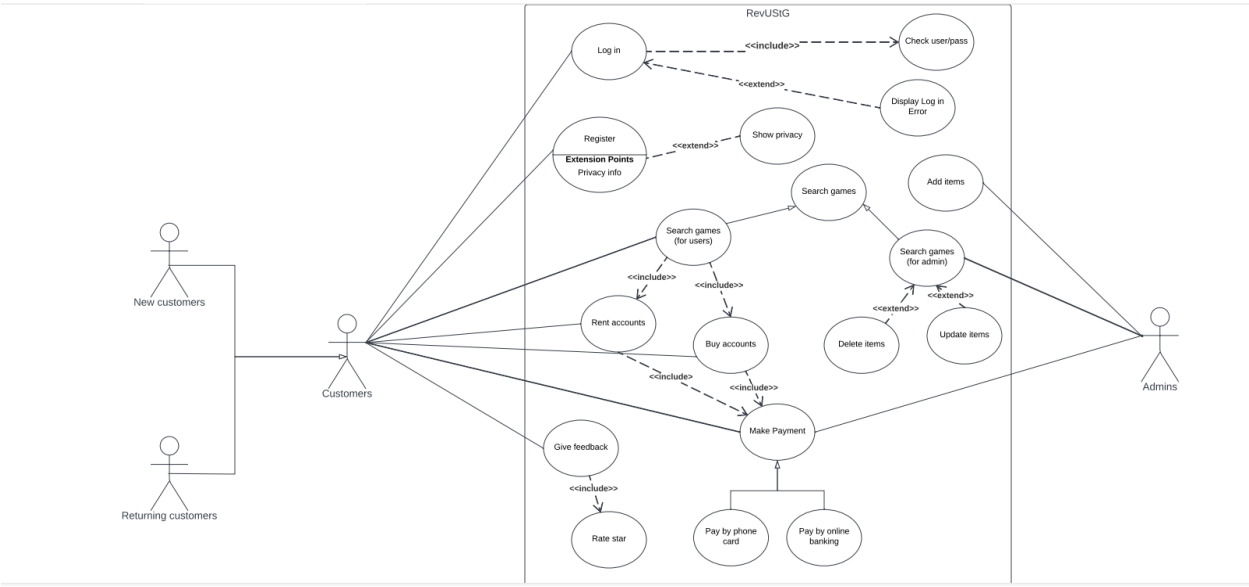
1. Use-case Model



2. Use-case Specifications

2.1 Use-case: Login

Use case Name	**Login**
Brief description	Login using RevUStG's account
Actors	User, Admin
Basic Flow	1. Access to RevUStG login page 2 .The system display login page 3. Enter user name 4. Enter password 5. User click Login button 6. System check if the username and password are valid 7. Login successfully and return to Home page
Alternative Flows	**Alternative flow 1: Wrong Password or Username** 1. At step 6, if the username is not valid system will notify that Username is not found 2. At step 6, if the password is not valid system will notify that Password is incorrect **Alternative flow 2: User hasn't had an account** 1. If users haven't had an account, they can go to register page by clicking Register button below the Login form

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	Alternative flow 3: User can use Keyboard instead of Mouse Clicking 1. At step 5, instead of pressing the Login button user can also press Enter
Pre-conditions	The account has already been registered
Post-conditions	Display user name Add cart to account Enable user to go to user's page

2.2 Use-case: Register

Use case Name	**Register**
Brief description	Register a RevUStG's account to purchase for product
Actors	User
Basic Flow	1. Access to RevUStG's register page 2. System display register page 3. Enter email 4. Enter username 5. Enter password 6. Re-enter password 7. Click the register button 8. System check information 9. Create an account and notify that account has been registered 10. Return to Login page
Alternative Flows	**Alternative flow 1: Wrong Input** 1. At Step 3, 4, 5, if the input's format is not valid system will notify why it's not valid 2. At Step 8, if the input of Re-enter password field is not the same as Password field system will notify the two password is not matched **Alternative flow 2: users have already had accounts** 1. If users have already had an account, they can go to Login page by clicking on Login button below Register form **Alternative flow 3: User can use Keyboard instead of Mouse Clicking** 1. At Step 3, 4, 5, user can press Tab to go to the below line instead of clicking on it 2. At step 7, user can press Enter instead
Pre-conditions	User must have an email
Post-conditions	Create an account for user

2.3 Use-case: Search

Use case Name	**Search**
Brief description	Search for the product using its name
Actors	User
Basic Flow	1. Click on Search bar 2. Enter the product's name 3. Click on the search icon on the search bar 4. System find all products that have name matched with the input 5. Go to Search page and display all the products
Alternative Flows	**Alternative flow 1: User can't click on the icon:** 1. At Step 3, users can press Enter instead **Alternative flow 2: If the input is empty** 1. At Step 4, if the input is empty system will return all the products on the Web **Alternative flow 3: System can't find any product that have name matched with the input** 1. At Step 4, if there aren't any products that suitable with the input system will display an image that notify the Web doesn't have that product
Pre-conditions	The Web has that product in database
Post-conditions	Go to search page and display all the products that have the name the same or have a part of name is matched with the input

2.4 Use-case: Add to favorite

Use case Name	**Add to favorite**
Brief description	Add a product to favorite list
Actors	User
Basic Flow	1. Click on the product's panel 2. Click on the Heart icon after the price 3. System add the product to user's favorite list 4. The Heart icon's color changes to Red instead of gray
Alternative Flows	**Alternative flow 1: User hasn't logged in** 1. At Step 2, if users haven't login system will open Login page **Alternative flow 2: Product has already been in the cart** 1. At Step 2, if the product has already been added to favorite list it will be removed from the list
Pre-conditions	User must login

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Post-conditions	The product is added to user's favorite list

2.5 Use-case: Add to cart

Use case Name	**Add to Cart**
Brief description	Add a product to cart to purchase then
Actors	User
Basic Flow	1. Click on the product's panel 2. System open the product page 3. Click on one Add to Cart buttons 4. System update the number of products in Cart 5. System notify that the product has been added to Cart
Alternative Flows	**Alternative flow 1: Product is out of stock** 1. At Step 3, if the product is out of stock the buttons will not be able for user to click on **Alternative flow 2: Product has already been in the cart** 1. At Step 4, if the product has already been in the cart system will update the number of that product instead of adding a new item
Pre-conditions	The product must be in stock
Post-conditions	The product is added to Cart

2.6 Use-case: Buy Account

Use case Name	**Buy Account**
Brief description	Get an account
Actors	User
Basic Flow	1. Click on the product's panel 2. System open the product page 3. Click on Buy Account Button 4. System open Purchase page 5. Choose the payment method 6. Enter the information: Bank card number or Phone card 7. Click on purchase button 8. System check the input 9. System notify that payment success 10. System add the latest order to order list (the order includes game account and password)
Alternative Flows	**Alternative flow 1: User doesn't choose payment method**

	1. At Step 5, if users didn't choose the payment method system will force user to choose one of the two methods **Alternative flow 2: Invalid information** 2. At Step 8, if the information is not valid system will notify the error for user to do up
Pre-conditions	The product must be in stock, user has already logged in
Post-conditions	Users get accounts for their own to play the game they want

2.7 Use-case: Rent Account

Use case Name	**Rent account**
Brief description	Get an account for a period of time
Actors	User
Basic Flow	1. Click on the product's panel 2. System open the product page 3. Click on Rent Account button 4. Choose the number of days to rent 5. Click on Rent button again 6. System open Purchase page 7. Choose the payment method 8. Enter the information: Bank card number or Phone card 9. Click on purchase button 10. System check the input 11. System notify that payment success 12. System add the latest order to order list (the order includes game account and password)
Alternative Flows	**Alternative flow 1: User doesn’t choose payment method** 1. At Step 7, if users didn't choose the payment method system will force user to choose one of the two methods **Alternative flow 2: if the input is not valid** 1. At Step 10, if the information is not valid system will notify the error for user to do up **Alternative flow 2: if user hasn't chosen the number of days** 1. At Step 5, if user hasn't chosen the number of days system will remind user to choose

Pre-conditions	The product must be in stock, user has already logged in
Post-conditions	Users get accounts for their own to play the game they want

2.8 Use-case: Add product

Use case Name	**Add Product**
Brief description	Add a product to list of products on the Web
Actors	Admin
Basic Flow	1. Click on Products button 2. Choose type of product to add 3. CLick on Add Button 3. System open a form 4. Enter the product's information 5. Click on Add button 6. System check if the product's information is valid 7. System add product to the list of products
Alternative Flows	**Alternative flow 1: Product has already been on the Web** 1. At Step 6, if the product has already been in the list or its information is not valid system will gives error and open the form again **Alternative flow 2: Invalid information** 1. At Step 8, if the information is not valid system will notify the error for user to do up
Pre-conditions	Product mustn't be included in the list of products
Post-conditions	The product is added to the list

2.9 Update Product

Use case Name	**Update Product**
Brief description	Update a product from list of products on the Web
Actors	Admin
Basic Flow	1. Click on Products button 2. Choose type of product to update 3. Choose a specific product 4. Choose the Update button 5. Enter new information

	6. Click on Save button 7. System check if the new ìnormation is valid 8. System update the product's ìnformation
Alternative Flows	**Alternative flow 1: Invalid information** 1. At Step 7, if the information is invalid system will requires admin to re-enter it 2. At Step 7, if the information is invalid and Admin exit the Update page the product will not be updated
Pre-conditions	Product must be included in the list of products
Post-conditions	The product's information is updated

2.10 Use-case: Delete product

Use case Name	**Delete Product**
Brief description	Delete a product from list of products on the Web
Actors	Admin
Basic Flow	1. Click on Products button 2. Choose type of product to delete 3. Choose a specific product 4. Choose the Delete button 5. System require to confirm the Action 6. Click on Yes button 7. System delete product from the list
Alternative Flows	**Alternative flow 1: Admin cancels the process** 1. At Step 6, if admin choose No system will redirect the Admin Page
Pre-conditions	Product must be included in the list of products
Post-conditions	The product is removed from the list, if the product is an app all the accounts for it will also be removed

2.11

Use case Name	**Rate**
Brief description	Rate an app after buying or renting that app account
Actors	Admin

Basic Flow	1. Click on Order List in User page 2. Click on the other that user want to rate 3. Choose number of stars (from 1 to 5) 4. Click on rate Button 5. System requires user to confirm 6. Click on Yes button 7. System updates the average rating of that product
Alternative Flows	**Alternative flow 1: User hasn’t chosen the number of stars** 1. At Step 3, if user hasn't chosen the number of stars system will requires user to do that **Alternative flow 2: User cancels the process** 1. At Step 6, if user click on No button system will let user rate again
Pre-conditions	User must has purchased for that app
Post-conditions	App will be rate by the average amount of stars

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