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**<BillardTech>**

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**<RevUStG>**  
**Vision Document**

**Version <1.0>**

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## Revision History

Date	Version	Description	Author
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## Vision (Small Project)

### 1. Introduction

The purpose of this document is to collect, analyze, and define high-level needs and features of the RevUStG. It focuses on the capabilities needed by the stakeholders and the target users, and **why** these needs exist. The details of how the RevUStG fulfills these needs are detailed in the use-case and supplementary specifications.

### 2. Positioning

#### 2.1 Problem Statement

The problem of	Buying some games, apps through Steam, Epic Games, ... often takes many steps and taxes are included in the price
affects	Gamers, App users, Publishers
the impact of which is	Make the user not able to purchase for the softwares
a successful solution would be	Our web will give the user a simpler way to rent and to purchase the game accounts without taxes or complex procedures (require international mastercard) by using local internet banking or even phone card

#### 2.2 Product Position Statement

For	App user
Who	want to purchase for app who don't have international mastercard
The RevUStG	is a web
That	enable renting, purchasing games/apps with local internet banking or phone card
Unlike	Steam, Epic Games or some other platforms that only sell but not allow to rent account
Our product	Users can buy game accounts much simpler and faster with easier way to purchase

### 3. Stakeholder and User Descriptions

#### 3.1 Stakeholder Summary

<i>Development Team</i>	<i>Our team who intend to create RevUStG</i>	<i>creates the system ensures that the system will be maintainable ensures that there will be a market demand for the product's features</i>

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Bui Tan Loc Nguyen Van Vu Tran Duy Thao	Supervisor/ Mentor	give our team guide about planning and how to deploy our project
App user	App user	ensures that the system can make the buying app accounts easier for user

### 3.2 User Summary

App user	Any person with an active account in the web	Buy or rent account and games from the websites, suggest missing contents, report bugs, feedback	Development Team must support all the user as soon as they get any problem
Admin	Team member or anyone with admin account	Have permission to access and use some managing feature that normal users don't have	ensure that the system is running smoothly and the community is manageable

### 3.3 User Environment

Gamer community is a large community that requires flexibility and convenience to test different games without having to pay a large amount of money to buy that game.

Users: These are individuals who enjoy gaming and want to buy or rent game accounts to experience them. They can be professional gamers, casual gamers, or newcomers to gaming.

Technology: The users are assumed to have internet access and own devices capable of accessing your website, such as personal computers, laptops, mobile phones, or tablets. They have the ability to use online technologies like web browsers, internet connectivity, and are familiar with the process of online payments.

Online Payment: Your user environment focuses on providing a convenient online payment method for users to purchase and rent game accounts. This may include popular online payment methods such as digital wallets (like PayPal, ZaloPay, MoMo), online banking payments, phone cards, or other online payment options.

### 3.4 Alternatives and Competition

**RevoltG**: a software for watching NETFLIX movies and playing copyrighted games, which are always updated with the system automatically supporting platforms such as: Steam, Battle, Origin, Ubisoft, EpicGames...

Pros:

- Multi-platform support: RevoltG supports multiple popular gaming platforms such as Steam, Battle, Origin, Ubisoft, Epic Games, and many others. This allows users to access and play games from various leading developers and providers in the industry.
- Access to Netflix movie library: RevoltG enables users to access the diverse movie library of the Netflix service.
- Automatic updates: RevoltG provides an automatic update system, ensuring that users always have the latest version of movies and games. This ensures that users have the best entertainment experience and can enjoy the latest content from online platforms.

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- Cost savings: Instead of having to purchase full-priced games or subscribe to separate paid accounts, RevoltG allows users to rent and experience licensed games at a reasonable rental price.
- Easy and convenient: RevoltG provides users with a single account to access and play multiple games. This brings convenience and simplicity, eliminating the need to manage multiple accounts and login information.

Cons:

- Dependence on internet connection: If the internet connection is unstable, it can cause disruptions in the gaming experience or movie streaming.
- Possibility of errors and technical issues: RevoltG may encounter errors and technical issues. This can disrupt the user experience and cause inconvenience.
- Limitations on available games and movies: Although RevoltG offers a large number of licensed games and movies, there may be some games or movies that users are interested in but are not available in the RevoltG library.
- Account management and service packages: RevoltG requires users to deposit funds into their accounts and choose a service package in order to access and play licensed games.
- Security concerns: Users need to ensure that they follow security measures, including using strong passwords and avoiding sharing personal information with others.

**Steam:** a digital platform created by Valve Corporation to serve as a distributor of PC games. The Steam client allows users to install PC games online directly to their cloud drives after purchase. Steam users are welcome to post their reviews, upload self-made content, buy DLCs, and much more.

Pros:

- Extensive Game Library: Steam offers a vast collection of games, including popular titles from various genres.
- Community Features: Steam has a robust community aspect with features like forums, user reviews, and community hubs for games.
- Sales and Discounts: Steam frequently offers sales and discounts, including seasonal sales like the Steam Summer Sale or Winter Sale.
- Automatic Updates: Steam automatically updates games, ensuring that players have the latest versions with bug fixes and new features without manual intervention.
- Multiplayer and Online Features: Steam supports multiplayer gameplay, both cooperative and competitive, allowing players to connect and play with friends or strangers online.

Cons:

- Digital Rights Management (DRM): Steam's DRM system requires users to activate and validate games online, which means an internet connection is necessary to access and play games.
- Dependency on Steam Platform: This dependence on a single platform can limit options and flexibility for gamers.
- Quality Control: While Steam has implemented user reviews and ratings to assist with quality control, there is still the possibility of low-quality or poorly optimized games being available on the platform.
- Revenue Share for Developers: Steam takes a percentage of revenue from game sales, which may be perceived as a disadvantage by some developers or smaller studios.
- Limited Refund Policy: Steam's refund policy has certain limitations, such as time constraints and playtime restrictions, which may make it difficult for users.

**Epic Games Store:**

Pros:

- Exclusive Games: Epic Games Store often secures exclusive titles, offering unique gaming experiences that may not be available on other platforms.
- Free Games: Epic Games Store regularly offers free games to users, allowing them to build a substantial game library without spending additional money.

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- Game Discounts: Similar to other digital distribution platforms, Epic Games Store provides periodic sales and discounts on games, allowing users to save money on their purchases.
- Cross-Platform Integration: Epic Games Store supports cross-platform play and integration with other platforms, enabling players to connect with friends and progress in games across different devices.

Cons:

- Limited Game Library: Compared to more established platforms, Epic Games Store has a smaller game library.
- Security Concerns: There have been reports of security vulnerabilities and data breaches in the past, raising concerns about the platform's security measures.
- Controversies: The exclusive game deals secured by Epic Games Store have generated controversy within the gaming community.
- Customer Support: There have been complaints about the quality and responsiveness of Epic Games Store's customer support, with users experiencing delays or difficulties in resolving issues.

**Conclusion:** We plan to develop a user-friendly application specifically for Vietnam, prioritizing simplicity and ease of access. Additionally, we will continuously develop and integrate other applications, along with distributing Netflix, Spotify,... accounts to enhance diversity and attract users.

## 4. Product Features

No.	Feature	Description	Priority
001	Register	User can register to our Web and then buy or rent account for the product they want	High
002	Login	If the user has already had an account, he/she can login to go shopping	High
003	Buy	After choosing the suitable app user can purchase to get an account that has the app they want	High
004	Rent	Similar to Buy, app user will get the account for the app they want but the account can be used for a certain amount of time	High
005	Add to Cart	User can add more than one product to cart and purchase them once	High
005	Add to favorite	User can add favorite products to buy in the future	Low
006	Search for product	Searching the product using its name	Medium
007	Add product	Add a new product to the Web	High
008	Delete product	Delete a product on the Web	High
009	Update product	Update a product's information	High

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010	Rate product	Give feedback how good or bad the product is based on the number of Star	Medium
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## 5. Non-Functional Requirements

No.	Feature	Description	Priority
001	Login security	Disable user's account for 5 minute if entered wrong 3 times	High
002	Availability	Available to use 24/7	Medium
003	Supportability	Work on Windows, IOS and Android	Medium
004	Compatibility	Work on common browsers like Chrome, Opera,..	High
005	Maintenance and Scalability	Easy to maintain and upgrade without causing disruptions to user activity	High
006	Requirements	There must be internet for users to use the web	High
007	Reliability	Stable and free from frequent errors during regular usage	High
008	Fault Tolerance	Have the ability to recover from failures, such as network disruptions or software errors, etc	High
009	Usability	The UI should be user-friendly, easy to understand and follow	Medium