Inspecting the Usability Issues of *Fortnite: Battle Royale*'s Graphical Interface

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Abstract

The 2017 video game *Fortnite* developed by *Epic Games* is one of the most popular battle royale game across the globe. Albeit widely receiving positive reviews, there are players complaining about the game's graphical interface. To investigate what gives the players bad experience, we conducted a research targeting on players who are new to this game. The players would play a round of the game while doing think-aloud protocols, then take surveys to reflect their experience about the game's graphical interface. By analyzing the collected data, we could gain guidance on possible improvements of *Fortnite*'s UI design, as well as insights for similar games in the future.

Introduction

Related Works

Bibliography

[1] P. Cheremnykh, "Gaming the Metaverse: User Experience Analysis and Insights From Fortnite," 2024.

[2] E. Bergman and T. Hermansson, "Effect of Head-up Display Design on Game Immersion." 2023.

[3] H. Mori, "Approach to Multi-platform Game UI Design," 2019.

[4] E. Andersson, "Multiple Platform First: Design Guidelines for Multiple Platform Games." 2019.

[5] T. A. L. A. Razek, S. H. A. S. A. Donia, and E. I. F. Kasem, "The Ergonomics of Designing Interactive Games User Interface as an Advertising Medium," 2023.

[6] E. Fagerholt and M. Lorentzon, "Beyond the HUD-user interfaces for increased player immersion in FPS games," 2009.

[7] D. Iwanaga, "Learning Curves in a MMO and Their Application in Game-based Trainings," 2022.

[8] H. Fricker, "Game user-interface guidelines: creating a set of usability design guidelines for the FPS game user-interface," 2012.