Republic of the Philippines

Pangasinan State University

Urdaneta City, Pangasinan
College of Computing
Department of Information Technology

Aswang Chronicles

GameDev using Flutter Casual Games Tookit

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Group Leader:

Jerico Garcia

Members:

Jericho James Allas

Menard Dane Macabulos

Geraldine Niño

PROJECT REPORT

Aswang Chronicles

Introduction

"Aswang Chronicles" is a reimagined version of the iconic Google Chrome Dino game, infused with elements of Filipino folklore and mythology. Instead of the familiar T-Rex, the game features an Aswang - a mythical creature known for its shape-shifting abilities in Philippine folklore, that can changed into a pig as time passed by. This endless runner game aims to introduce and educate a global audience about the rich mythological heritage of the Philippines, all while providing an engaging gameplay experience.

Design and Development Process

Conceptualization

The core idea of "Aswang Chronicles" was to blend the addictive simplicity of the original Dino game with the rich folklore of the Philippines. By choosing an Aswang as the protagonist, the game not only seeks to entertain but also to promote interest in Filipino culture and mythology.

Mechanics

The game mechanics are similar to the original, focusing on jumping to avoid obstacles. Unique features were introduced to deepen the gameplay:

Normal Night and Bloody Night Cycle. Emphasizing the Aswang's mythical nature, the game features a cycle between normal night and bloody night. The Aswang's powers and

the game environment change, reflecting the dual nature of the creature. In the normal night time it is just an Aswang but, in the bloody night time it wil become a pig.

Cultural Obstacles. Traditional obstacles are replaced with entities and objects from Filipino folklore, such as the "Bawang" , "Cross" and "Holy Water", enriching the player's experience with cultural lore.

Art and Aesthetics

The visual design of "Aswang Chronicles" draws inspiration from the Philippine countryside and indigenous art forms, presenting players with pixel art landscapes that range from tranquil villages to mystical forests and ancient ruins. This approach not only showcases the natural and cultural diversity of the Philippines but also immerses players in its enchanting world.

Sound Design

The game's soundtrack features a rendition of "Ili Ili Tulog Anay," a traditional Filipino lullaby. This choice serves multiple purposes: it provides a soothing contrast to the game's nocturnal chases, roots the game deeply in Filipino cultural heritage, and creates an atmospheric depth that enhances the player's immersion. The lullaby's gentle melody complements the day-night cycle, adding an emotional layer to the gaming experience and further celebrating Filipino cultural heritage.

Technical Decisions

Development with Flutter

"Aswang Chronicles" was developed using Flutter, chosen for its cross-platform capabilities, allowing the game to be deployed on Android devices with a single codebase. Flutter's rich set of customizable widgets and its efficient rendering engine enabled a

seamless animation of the game's characters and environments, providing a fluid and responsive user experience.

Data Storage

To manage player data, specifically high scores, "Aswang Chronicles" employs Hive, a lightweight and efficient local storage solution. Chosen for its speed and simplicity, Hive allows for quick data retrieval and storage without the need for an internet connection, making it ideal for preserving high scores and player progress directly on the device. This choice reflects a commitment to providing a seamless and accessible gaming experience, even in offline settings.

Conclusion

"Aswang Chronicles" is more than just a game; it's a cultural voyage into the heart of Filipino mythology. Through the engaging mechanics of an endless runner game, players worldwide are introduced to the mythical creatures and rich folklore of the Philippines. This project exemplifies how traditional stories and modern technology can be fused to create an educational and entertaining experience, leveraging the universal appeal of gaming to celebrate and preserve cultural heritage.