



College of Computing
INFORMATION TECHNOLOGY DEPARTMENT

Elective 2 (MAD 2) Mobile Application Development 2
Midterm Project

GameDev using Flutter Casual Games Toolkit

Tricycle Chronicles

Tricycle Chronicles is a mobile game developed using Flutter Casual Games Toolkit, featuring a tricycle navigating through obstacles in a Philippine street setting. The game aims to entertain players while showcasing elements of Filipino culture and daily life.

Conceptualization:

The concept behind "Tricycle Escape" was to create an engaging game that reflects typical scenes from Philippine streets, with a focus on the ubiquitous tricycle as the protagonist. This choice not only adds cultural authenticity but also provides a unique gameplay experience.

Mechanics:

The gameplay revolves around controlling the tricycle's vertical movement to avoid obstacles, such as Land Transportation Officers, as they move horizontally across the screen. The intuitive controls and challenging obstacles ensure an entertaining experience for players of all ages.

Art and Aesthetics:

The game's art style is inspired by Philippine streets, featuring detailed backgrounds with elements like bushes and iconic landmarks. The tricycle's design and animations are carefully crafted to resonate with players familiar with Philippine transportation.

Sound Design:

The game's soundtrack features the iconic Filipino song "Tricycle" by April Boys, adding a nostalgic and immersive element to the gameplay experience. The upbeat and lively tune enhances the fun and excitement of navigating the tricycle through obstacles in the game. Additionally, sound effects for tricycle movements and obstacle interactions complement the music, creating a dynamic and engaging audio environment for players.

Development with Flutter:

Tricycle Chronicles is developed using Flutter, leveraging its cross-platform capabilities for seamless deployment on both iOS and Android devices. Flutter's efficient rendering engine and widget library ensure smooth animations and responsive gameplay.

Tricycle Chronicles combines entertaining gameplay mechanics with elements of Filipino culture, offering players a delightful experience while showcasing aspects of Philippine street life. The project demonstrates how mobile games can serve as cultural ambassadors, introducing global audiences to unique cultural elements in an interactive and engaging manner.