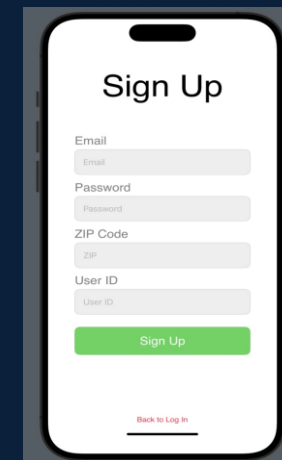# Florida International University

Summer 2024 Senior Design Project Poster

Neighborhood Watch

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Introduction

Community safety is a major factor that is of interest in many neighborhoods. Our Senior Design Project fulfills this need by creating an application called Neighborhood Watch with help of Swift programming language. This app seeks to overcome the barriers of communication among residents with the intention of facilitating on-spot reporting of such activities and comprehensive response. Thus, by employing notions of present-day mobile technology, our solution helps construct a safer and more unified society.

Research

When working on this project, I aimed at utilizing Figma to design an uncomplicated GUI. After conducting my research, I found a plugin that can help me turn Figma designs into swift code. This capability proved to be most beneficial when used to develop elaborated yet easy to navigate design layouts that can be easily translated into code. It helped that our team was on the same page regarding the aesthetics and design of the app, which facilitated the work and made collaborative efforts much easier.

Conclusion

Neighborhood Watch is one of the applications that can help communities to improve their safety level. With Figma in creating a GUI interface that is easy to understand, and employing a plugin that directly translates designs into Swift code, we have produced an application that facilitates an active role of residents to protecting their community. This project also serves as our demonstration of the technology solutions that benefit society.