

Scope and Limitation

This study will assess the application's design, development, and testing in Dagupan, Pangasinan, Philippines. It aims to identify the features the SafeZone application must offer, such as real-time location tracking, SOS alerts, and safe space locators. This study will also test the app's design and functionality, usability and performance – and whether it is keeping personal data secure. This study settles on current measures' limitations and specifies the essential functions the application needs to deliver, including real-time location tracking and SOS warnings. It will also test whether the application's design, features, and performance keep personal data secure. The research will primarily explore the app's effectiveness in addressing the safety needs of women in Dagupan City public spaces.

The study is limited to Dagupan, Pangasinan, meaning its findings may not directly apply to other regions with different cultural, social, or legal contexts. The research will focus solely on the SafeZone app and not compare it with other safety tools or mobile applications. The study

will also be constrained by the availability of participants for testing within this geographic area and the app's capability to provide real-time responses and location tracking in Dagupan's urban and rural settings. Additionally, the long-term impact of the app on users' safety perceptions will not be explored in this research.