

"FearlessShe" – Women Safety Mobile Application

Prof. Yogita Khandagale¹, Gaurav More², Isha Narvekar³, Mehul Sharma⁴, Sameer Sanap⁵

Professor, Department of Information Technology Department¹

UG Students, Department of Information Technology^{2,3,4,5}

Vidyalankar Polytechnic, Mumbai, Maharashtra, India

Abstract: *This project introduces a comprehensive women's safety mobile application designed to provide real-time protection and emergency response features. The app includes live location tracking, SOS emergency alerts, a fake call feature, and instant access to nearby police stations and hospitals, ensuring quick assistance in dangerous situations. Users can send distress signals with their real-time location to pre-registered emergency contacts or law enforcement for immediate support. Beyond emergency response, the app also focuses on awareness and empowerment, offering self-defense tutorials, safety tips, and daily updates on women's security measures. Built using Android Studio with Firebase for secure data storage and real-time functionalities, it ensures reliability and ease of use. Additionally, the app aims to integrate community-driven safety alerts and law enforcement databases in future updates, making it an innovative step towards leveraging technology for women's security and empowerment.*

Keywords: Women Safety, Emergency SOS Alerts, Real-time Location Tracking, Fake Call Feature, Emergency Contacts Management, Nearby Police Stations & Hospitals, Mobile Application Security