

Declaration

We hereby declare that the project report entitled “**Geo Help V1**” submitted by me to Chandubhai S Patel Institute of Technology. Changa in partial fulfillment of the requirement for the award of the degree of **B.TECH** in COMPUTER ENGINEERING DEPARTMENT is a record of bonfied project work carried out by me under the guidance of Prof. Amrin Shaikh. We further declare that the work reported in this project has not been submitted and will not be submitted, either in part or in full, for the award of any other degree or diploma in this institute or any other institute or university.

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Project work, lays the foundation of student's career today. The satisfaction that comes with successful completion of task would be but incomplete without the mention of the people who made it possible. It gives us immense pleasure to acknowledge all those who have extended their valuable guidance and magnanimous help.

It is a matter of great pleasure and privilege to have this dissertation work entitled:

“GEO Help V1”

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Abstract

The “GeoHelp V1” is a GPS-based android mobile application which helps people to find the closest application user based on the user’s current position and fire him the emergency message that user saved before. The application should be free to download from either a mobile phone application store or similar services. Users can provide their personal message information using the function that given in the application. This information will act as it automatically fire to the other user in emergency. Furthermore, the software needs both Internet and GPS connection to fetch and to fire message. All system information is maintained in a device internal memory. The software also interacts with the GPS-Navigator software which is required to be an already installed application on the user’s mobile phone. By using the GPS-Navigator, users can view desired user on a map and be navigated to them. Human behavior, and in particular location behavior, is highly routine based. Modern mobile phones, through global position system (GPS) technology and cell tower and Wi-Fi location identification, enable us to trace human location behavior at scales that were previously unattainable. The goal of this paper is to examine human location behavior, through mobile phone data, and investigate if links can be made between location behavior patterns and particular demographic and social.