

**Cairo University**

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**TeleGo**

**A Proposal Presented For Fulfillment of The Diploma Project in Computer Science**

**Submitted by**

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**Introduction**

One of the problems faced in Egypt is that we lose time to tell the clear address to someone visiting us for a variety of reasons. Many companies lose time to reach their customers’ addresses. Ambulances, fire trucks, police are just a few examples of some critical services loosing time, efforts and cost to reach the needed person who may lose his life due to latency. We spend a lot of time daily everywhere whether in the transportation, university campus, malls, shops, streets etc. As every city in Egypt is very large with large areas and many streets, so it is very difficult to ask about the address, or even find the address easily. Based on the previous problem we discussed, we propose a solution to find any address in Egypt in a timely manner. The solution we provide is: by knowing landline phone number, we can reach any address in Egypt easily and accurately.

**Project background**

We used to ask call center about specific address or ask each other which may be inaccurate, difficult and not available for most of us at most time.

The solution design will allow users and companies to reach the specific person or place. Thus, this will solve the hassle of asking persons which will save us time.

**Problem statement**

Most of us don’t know the address of a place visited for the first time, so there is no specific way to search for all addresses which is a huge waste of time to search and reach any person or company in a large country like Egypt. TeleGo allow users and companies to reach any person anywhere. This proposed solution will provide a centralized solution for all country native people as well as foreigners.

**Goal**

The main goal is to solve the hassle of asking others, also save time and efforts.

**Objectives**

1. Allow people to reach any place depending on landline number in one platform that will also save time.
2. TeleGo design will be user friendly so everyone can easily use it without any complications.
3. Allow users to add profile with different landlines for different places like home, office, etc.
4. TeleGo will be available in both Arabic and English languages.

**Beneficiaries**

The priority is for every one want to save time and effort.

**Proposed Methodology**

1. Create the forms and pages of the solution.
2. Create the database needed.
3. Manage the structure of the solution.
4. Develop the code of the solution.
5. Manipulating the contents.
6. Getting the final folder that contains the solution pages, database scripts and other files.

**Project Plan**

1. Gather information about the problem.
2. Analysis the details of the project.
3. Design the solution.
4. Build the solution.
5. Test the project.
6. Provide it for customers.

**Technologies, tools and Frameworks:**

1. **Java 8.**
2. **Spring Boot Java framework.**
3. **Hibernate Java framework.**
4. **Eclipse IDE for Java EE.**
5. **IntelliJ IDEA.**
6. **Git version control.**
7. **Sourcetree Git GUI client.**
8. **Angular web framework.**
9. **Bootstrap web framework.**
10. **HTML/CSS/JavaScript/AJAX.**

**References**

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