**1-Problem statement:**

In 2019 there will be around 28 million smartphone users in Egypt,and a total of 2.5 billion users around the world(36% of the population).

So 36% of the world population are having these amazing mobile devices that have a touchscreen interface, Internet access, and an operating system capable of running downloaded apps.

It’s with no doubt the communication revolution at its climax, everyone of course is realizing that, and we can make sure of this by reflecting upon a simple fact that:

**“An average of 6,140 mobile apps are released everyday through the google playstore,Apple App store reaches a number of 1,434 mobile apps released daily.”**

Even though these astonishing numbers of emerging apps are offering new solutions to everyday problems, and lots of them are mainly about communication, **but** unfortunately there still are lots of communication needs that aren’t satisfied.

If we think carefully we will find that the problem of communication at its heart isn’t completely solved yet.

The problem of communication in its core is not just about reaching others, and it’s not just about the **number** of those others, but rather it’s about Who will you communicate with to satisfy your needs and how will you communicate? It’s not about the quantity but the quality. We don’t need random communication, we need the most suitable and beneficial communication.

So let’s have some examples of real life situations in which we we want to communicate efficiently with others to satisfy a need or service:

1-Ahmed is a visually impaired man, who can’t see well without the aid of others, he wants to communicate with a sighted person to read something for him.

2-khaled is reluctant to choose between different departments in his college, he wants to easily contact students in each department to help him taking a decision.

3-Mohamed is going to get a driving license , but he is too afraid of taking the test. He wants to chat with someone who experienced it before to tell him about the test circumstances, and all the procedures to be taken.

4-Abdelrahman wants to launch his own startup, but he can’t launch it alone as he needs another partners, how could he find trustworthy partners with the right qualifications for the startup, and initiate discussion with them?

5-Doaa makes homemade food and sells it for others online, but she faces a problem of finding someone with a suitable price who can deliver her food to the customers.

6-Mariam is going to get married, she wants someone to move boxes of her belongings from her current home to her future home via a truck. She can’t find one easily.

7-Mona wants to buy a ticket to attend her favorite band concert but she is very busy and transportation is difficult, she just wants to find someone who can buy it for her and receive it from him/her later.

8-Hussein wants to know what transportation to be taken to a certain destination, he googled it but he found outdated information. He wants to quickly contact anyone in this destination to help him figuring the most suitable transportation.

9-Farid wants to rent the football field in his college, he doesn’t want to attend college this day because he and his friends are in vacancy,so he needs to find another student in the college to rent the field for him.

10-Gamal is terribly shy, he can’t make any friends. He wonders if there is any way that he can find friends who share his hobbies and enjoy their time together.

**In all of the examples above in order to find solutions, we find that Timing is very critical, matching people with specific criteria is very critical.**

So the problem is mainly about having a need or request that we want to satisfy but we can’t find the right people in the right place in the right time, in order to satisfy those needs.

We can sum the problem up in the following words:

**Our problem is: “people matching according to service’s type and specific criteria chosen by service requester, plus providing efficient ways of communication after that ”.**

**And we mean by matching here not one to one matching, but how to recommend services to the right people in the right time.**

**And the question is : can technology help us?**

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