Client Meeting 1

Description of the company?

Building independent softwares solutions for the company. Work in IoT, web development, mobile app development, etc.

Abstract

Let us say that if we have a location, let us say, on the google map, we could probably identify a location of our choice, or any other location that has already been indexed. For example, IIIT is a location on the IIIT map. Suppose I am in Ameerpet, or Banjara Hills. We could easily identify these pointson the map. And we are also able to identify a navigation between the two points. Today we can do that using APIs such as Google Maps. We could add points of interest to the Google Map, then they are reviewed, and then added to the Google Maps. This is a part of the data entry done by the huge workforce at Google.

But let us forget Google Maps, suppose that we have a space, that is custom designed, or defined. Let us take any area of land, of any geometric shape. Let it be a large area, like a square of 500 meters by 500 meters. **We are trying to come up with a mechanism so that we can define the points of interest in this map, and also identify a path that exists on this map, and find the directions between any two points on this map. We are trying to define our own map. When we open a Google Map, we have roads, we have buildings, etc. These are defined by Google.**

But in our case we do not have Google. We must ourselves define a particular place of interest. Let us, for the time being, consider it to be a rectangular piece of land, and we must define different objects on this map. We will have roads, buildings, etc.

- Define places of interest between places of interest on a map.
- Define navigation routes (define the algorithm)
- Represent the navigation points on a map.

by foot or vehicle

- Once the map has been defined, we have to programatically find a way, how we can navigate between point A to point B.

What are we developing?

MOBILE APP for

iOS + Android

Contact

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Nuances

GPS is not accurate in closed buildings. **Hence we cannot use it.** We must come up with something else for navigation.

Next Week:

Come up with ideas on how to navigate and locate a person without GPS.