**App requirement:**

There will be mainly 4 section of the app:

1. Places nearby you
2. Necessity
3. Searching
4. Petrol pump detection service

**Places nearby You:**

In this section the requirement of the app are as follows:

* User can view the famous places around him/her within fix radius in map.
* User can view the list of famous places around him/her within fix radius.
* All the list and map should be auto refreshable within fix time gap.
* The refreshment time gap should be controllable from app setting.
* User can update the range of distance from setting.
* All the updates should be vocally updated if device is in driving car.
* After the vocal description of the places, if user calls the name of a particular place within a fix time, the detail page of the place will be open.
* Same thing will be happen if user selects one of those places.
* After opening the page, if the device is in driving vehicle, the app will describe the detail vocally.
* From there, if user wants to know the path to the place, the app should show the direction with pointer pointing to current location.
* Pictures of that place should be in the detail page.
* There should be categories of places:
  + Restaurants
  + Monuments
  + Malls
  + Shops
  + Parks
  + Clubs
  + Pubs
  + Bar
  + University
  + Library
  + Rooms/Hotels
  + Bus stands
  + Tempo stands
  + Metro station
  + Railway station
  + Airport
* All the places should be available in the list in sorted order.
* If user is new, there should be a default sorted order otherwise the order will be based on the taste of the user which we have to detect from their past user experience.
* User can schedule the trip to visit particular place on fix date and time.
* On that day, there should be a reminder notification generated in the app to remind the user for the trip.

**Necessity:**

* In this section, user can access the following category of places:
  + Nearby Police station
  + Hospitals
  + Medical stores
  + Petrol Pumps
* For police station, user can see the way to nearest police station.
* For Hospitals and other places all the requirements are same as section 1 but they are quick accessible features.
* User can able to see the following helpline numbers:
  + Police
  + Women and Child helpline
  + Ambulance
  + Fire brigade

**Search:**

* User can search the specific type of place either using verbal command or by manual typing.

**Petrol pumps detection service:**

If the device is in moving vehicle, there should be a background service to detect nearby patrol pump and alert the user before 2 km with direction.