

## **Problem statement that you chose**

PK has landed on a new planet called Earth and lost the communication device to his spaceship. All he does all day is LOOK UP. Look for a place he knew as home. A place that was as much a reflection of him as he was of the place. Help PK find a place that would make him miss his planet less. A place that appeals to his eccentric taste of food, culture and architecture.

## **Solutions that you targeted to build :**

We are using PK device to get information like social data , interest and browsing experience .We are trying to provide a perfect location for PK.

Currently we are creating mobile app with a design which can be extended to create a Desktop or a browser based application.

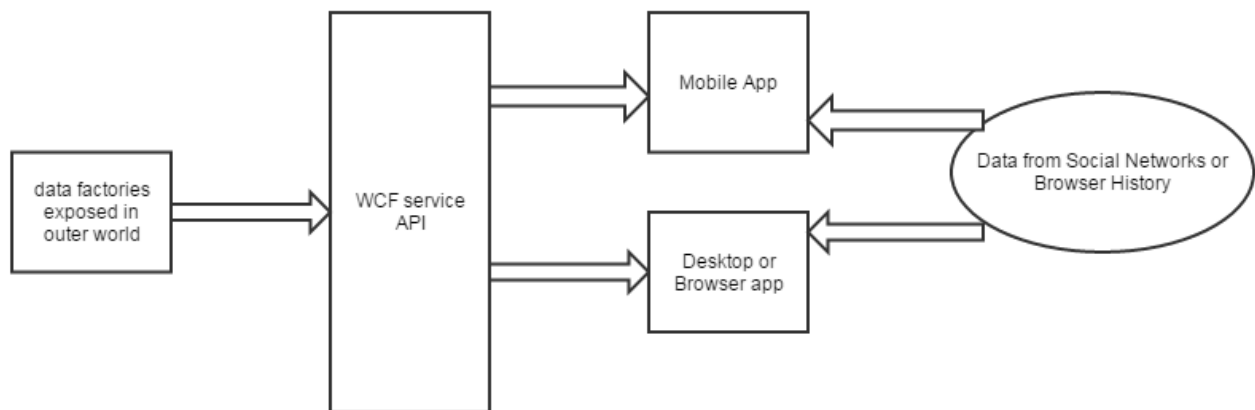
## **Steps used to get the solution.**

1. We are getting user foot prints example like, idea, culture etc through social platform and internal device browsing information. Which we will get from inbuilt Facebook, twitter api, Apple api as browser data.
2. Once will get above information will send this data to our backend rest api service, which will return best place to stay as per the information.
3. Our rest api has a algorithm to send back list of perfect location to stay with his interest related places.
  - a. Inside library we used google api to manipulate data and give to back best result.
4. PK will able to see best place to stay in his app , without telling us anything. Once he will click on that location we will show him his interest related place in map with route and proper guideline which makes his life easy here.
- 5 . If the device is not able to provide the foot print of PK or if PK wants to override the foot prints given by the device then an alternate option for him would be to fill a search form and change his interest.
6. We used a cross platform tool titanium which hold same code base for both IOS and Android app.

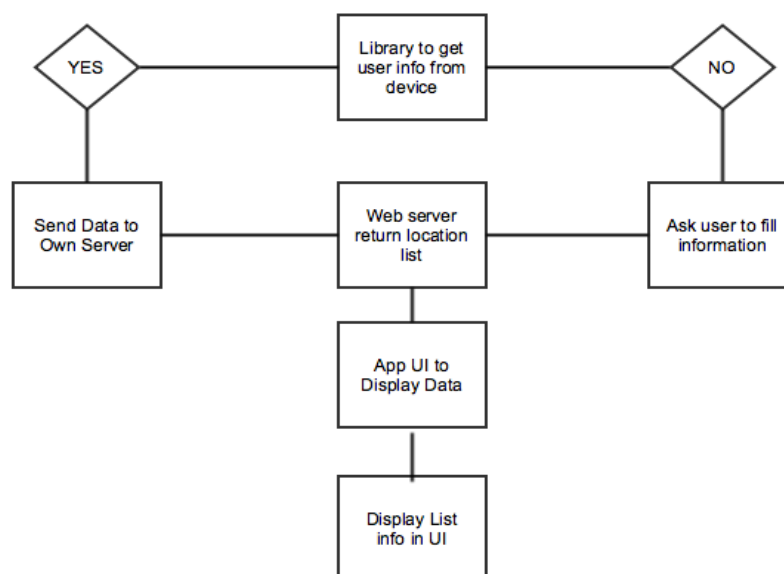
## **Technology stack that you have used**

1. IOS and Android
2. REST API WCF service in dot net.
3. Facebook and twitter Apis.
4. Google Apis.
5. Titanium , Visual studio and xcode as tool.

## Explanation of Architecture diagram



## Explanation of solution diagram



## Please share your thoughts about areas that you could not complete:

1. Information reading from app is pending , as we creating a library which will easily integrate in any app and return user information based on different source.
2. Proper location view using street view is in progress.
3. Right now we are getting mock data from pre-populated value and displaying

list of places according to user info.

4. UI will make more responsive and smoother later storing data locally using sqlite or coredata.
5. Browser application is not in place