K. J. Somaiya Institute of Engineering and I. T., Sion

(INFORMATION TECHNOLOGY DEPARTMENT)

Project Title : E-CARD

Group Members : Nirmit Adesara
Badal Kotak
Sharad Parmar

Project Description : E-Card is tiny in size but most powerful App built with an intention to provide any information users need on ONE TOUCH! Every users stores contact on their phone, but they are not stored very structurally but bear minimum information is stored as Name or Pet Name or business name with phone number; few writes notes and few of them give short form next to the name. They don't bother to use separate field such as Name, First Name, Title, Business, Designation and so on or use extra filed like notes or custom field to enter information.

This tiny app will seat on default contact of your phone and remind you to add business detail (bear minimum) this way slowly and gradually you will know what person in contact is doing; be it your relative, friend , family member or professional contact. Even student, housewife or any category is just OK! Idea is to categories every human based on what they do and connect with same category or other categories looking for services a particular contact possess without seating on computer, search, social media or any other technology like we say its should be ONE TOUCH from your VERY OWN PHONE!

App will ask LESS & DO MORE! It will be built to fetch any and everything automatically without disturbing your privacy; its actually using your own data to make you find people providing services you are looking for based on category defined with contacts and fetching it from the contacts you are already connected with and with their permission to your contact's contact further endlessly to built a single mobile business directory on this earth;

This app allows you to add your card with basic bear minimum information which allows you to offer your services to others and same way other installing this app will be able to offer their services to you. App also allows you to insert you Logo, personal photo, services you offer as status and make natural search and make you visible when others search for products or services you offer; this happens in real time without you possessing any website, running any facebook page or opting for digital marketing experts to advertise digitally.

Domain : Big Data, Natural Language Processing, Mobile App Development.

Software Required : PHP 5.5, Android Development ToolKit, Hadoop, Xcode.

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(INFORMATION TECHNOLOGY DEPARTMENT)

Project Title : CAR SHARE

Group Members : Nirmit Adesara
Badal Kotak
Sharad Parmar

Project Description : Fuel prizes are rising a lot now a days. Earlier buying a car was a dream for many but now taking their car at work daily has become a dream for many. Carpool is a perfect option in a metropolitan city to save cost and get more comfort. We will be making an application that would provide a centralized place where you can plan your carpool. All you have to do is login to our application and enter the route to were you want to go and from where you want to go and your preferred time to travel. You will the be suggested people who are ready to carpool for that route at that particular time. With this we will provide you real time locations of different user on map in our application. Eg: If you want to know were the user with the car has reached. You can check it out on the map that we will be providing in our application. We will also be providing an Online website for the same.

Domain : Mobile App Development.

Software Required : HTML, PHP 5.5, CSS, MySQL and ANDROID DEVELOPMENT TOOLKIT.

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(INFORMATION TECHNOLOGY DEPARTMENT)

Project Title : RFID Car parking

Group Members : Nirmit Adesara
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Sharad Parmar

Project Description : Car population in Metropolitan cities have increased a lot. Malls have parking space with a very huge capacity. Managing such huge parking spaces is a very difficult tasking.

Using RFID technology we can keep a track of the number of parking spaces available and also make it easy for the users to locate their in such huge parking lots. It can also be used to track the amount of time the car was parked in a parking lot and according parking charges can be applied for the particular user!

In case of residential or commercial buildings where parking spaces are allotted to users, and visitors are not allowed to park their car, we can have a check of the car whether or not it belongs to the society and according signify the watchman to open the gate or not, it can also stop the driver if the place where he/she has parked the car if not allotted to that particular car.

Software Required : PHP 5.5, Android Development ToolKit, Hadoop, Xcode.

Hardware Required : RFID Chip, RFID Receiver, Arduino