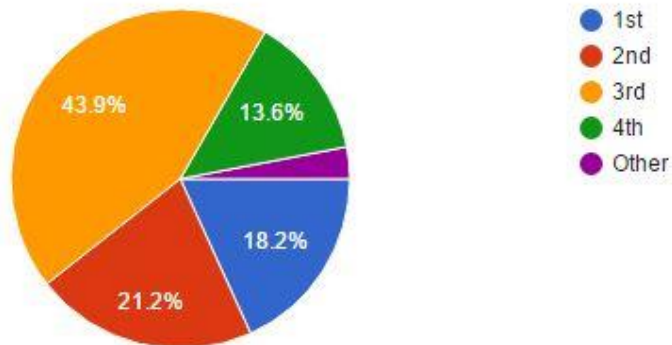


# Feasibility Analysis

## Summary of our Survey:

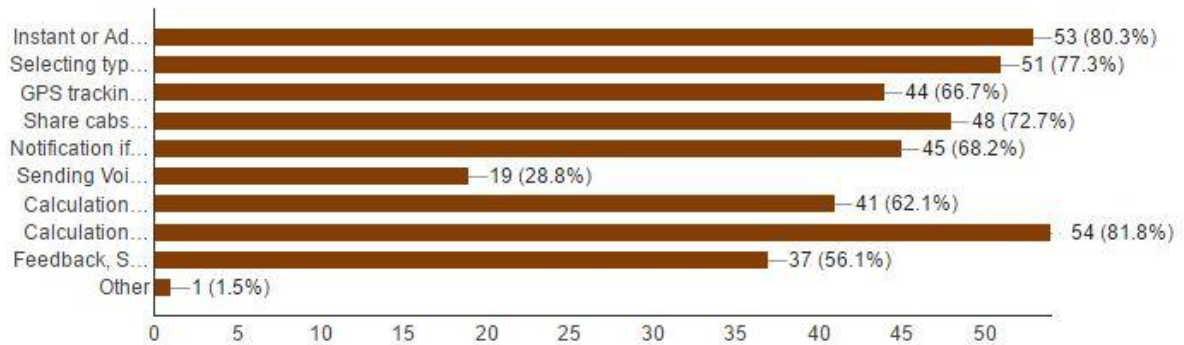
Year (66 responses)



Would you like an app for Booking and Sharing Cabs ? (66 responses)



## What Features would you like to incorporate? (66 responses)



## We would love to hear your thoughts or any Other Suggestion. (9 responses)

Perhaps, something of a pool sort would be helpful for long journeys pertaining to the high cost one has to bear if traveling alone.

GOOD WORK PEOPLE FOR THINKING AND MAKING AN APP FOR BOOKING AND SHARING CABS

This is already been done by many people so try to get few more features indulge in it.

Yes

no

If we can share cab with stranger that would b awesome. I think if possible you should also show the possible routes to client with tume and money the can share by sharing cab

No thanks

Nice App

This app idea's cool man !!! 😊

### **What if the system wasn't implemented?**

On the off chance that the framework was not actualized then clients will need to depend on customary method for booking taxicab and face the bother. Without GPS following they won't have the capacity to know the area of the taxi they have booked they won't be sure to what extent they are going to hold up. Sharing the taxicab would be troublesome without this application.

### **What are current process problems?**

With current procedure client can't book taxicabs ahead of time. They need driver's number to speak with them. Client at times don't know about the charge for various area they need to depend on driver's oath for it. NIIT University don't have dependable wellspring of precise information (about the separation went by resources).

### **How will the proposed system help?**

Our framework will help clients to impart taxicabs to different understudies by sending warning to each other client and will likewise help client to book the taxicab ahead of time. GPS following element will help them in getting the definite area of taxicab they have booked with the goal that they can arrange their action as needs be. The voice message framework gives better medium of correspondence amongst client and driver/monitor.

NIIT University can get the separation went by resources which will help them in making installment to merchant.

### **What will be the integration problems?**

An element actualized in our framework is GPS following which makes utilization of the different maps advancements right now being utilized like HERE Maps, Google Maps and other outsider maps and so forth.

Firstly, If we need to incorporate the usefulness of any incidental maps onto our application. It'll be hard to discover APIs of other outsider applications so as the engineers of those applications don't make it open, despite the fact that Google and Microsoft give the APIs to their individual maps and are most generally utilized.

Furthermore amid coordination procedure of any maps API we can experience bugs, for example, seek not working, selecting an area from the pursuit bar doesn't stick it on the guide, photographs look API not working bringing about demonstrating places/goals with no pictures and numerous other obscure bugs.

Another issue that can be experienced is the point at which the guide shows however no guide tiles are stacked on the application. This happens for the most part when the application hasn't been conceded INTERNET consent. For this we will coordinate `android.permission.INTERNET` authorization and the `com.google.android.maps` library into our code for the application to work appropriately.

### **Is new technology needed? What skills?**

As the universe of innovation is advancing further year by year, we are seeing development as far as new items. For Example – smartwatches (especially known as Android Wear) which will be an exceptionally valuable item for what's to come. Presently separated from the android API'S the Watch API'S are additionally accessible, which implies coordination of our application will be more helpful and valuable since clients will have the capacity to utilize the application from their wrists without taking out their cell phones. Development won't stop neither one of the wills be advancement regarding innovation. Consistently a tech/item will be accessible which has some new usefulness/highlights. This is vital and great as the application will then have the capacity to be utilized as a part of more ways and designers will locate some inventive thoughts for the application to work in a more innovative manner later on which can't be considered in the present.

On the off chance that on review from a shopper's (End User) point of view no expertise is required to utilize the application. Once the client utilizes the application interestingly he/she will get comfortable with the working of the application/what it does which is very basic.

As far as use, engineers new Android OS's will come subsequently new API's, new components will likewise come so we will need to stay aware of the new discharges in the coming future. We'll continually need to find out about the new elements and how to execute them inventively in order to end up a fruitful designer.

### **Facilities that must be supported by the proposed system?**

It empowers client to book\share taxicabs and track the area of the taxicab.

Taxicab Sharing-This component looks for two or more clients who are heading off to the same goal. It sends a pop-up warning asking a specific client whether they need to share the taxi or not. After sharing a taxi the aggregate charge of the taxicabs will be less when contrasted with people. This is not appropriate in pre-characterized goals however.

SMS Automation – This element tells the driver, that his taxicab is reserved, in addition to it is additionally send to the gatekeeper to make him mindful that this specific driver's taxi has been reserved.

GPS Tracking – Through this element the client monitors where the taxi is, not long after in the wake of setting the booking.