Feasibility Study Report

Project Description:
The project is to develop a fest management application, which we have named as Festeve. It is an Android Application organises and manages fests of various colleges.

Problem Statement:
Based on several feasibility factors, we have to determine if our project is feasible or not. These factors are described as below :

Technical Feasibility:
Technical feasiblity relates to technical aspect of the project. The technical aspect of our project deals with coding in Java. This coding will be done in Android Studio which provides a suitable environment to work in. Also our familiarity to database will help us here to relate front-end and the back-end. This suggests that the project is technically feasible.

Operational Feasibility :
Operational feasibility is determined through the organisation of work and events with the team and how well we deal with the changes. So here, we need to learn Java coding efficiently to develop app with efficient functionality. Since this thing can be learnt in quite some time, so we can say that this project is operationally feasible.

Economic Feasibility:
Economic feasibility is determined by the profit earned. So the cost structure of our project includes buying a laptop, having a wifi connection and cost of publishing. The revenue source is throuh in-app advertisements. So if we get a high number of downloads, we will be able to cover our expenses well as the cost is low here infront of revenue.
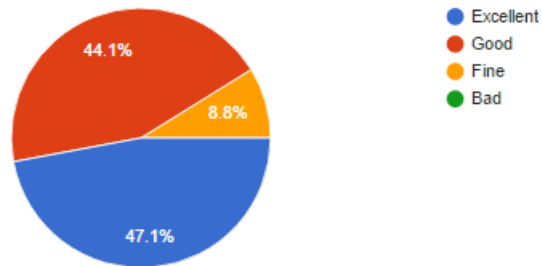
Scheduled Feasibility:
The deadline for the project is decided to be by 1 month from now and we will be able to complete it by dividing the tasks among each other.
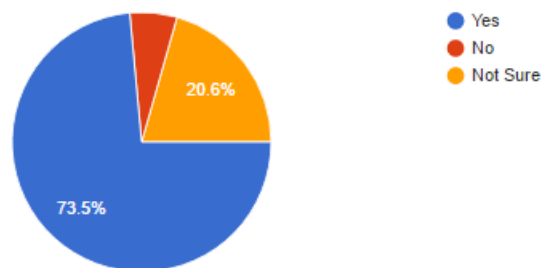
Market Feasibility:
The quality of service and features provided by our present competitors lack somewhere and doesn't fulfill every aspect and usability. This is an advantage for us over the others. Hence our product is feasible according to this factor too.

Survey : We carried out two surveys : one regarding our project idea and second regarding what functionalities the user wants.
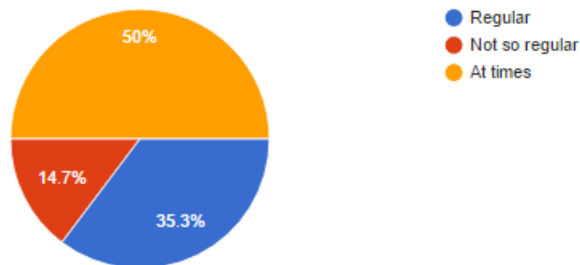
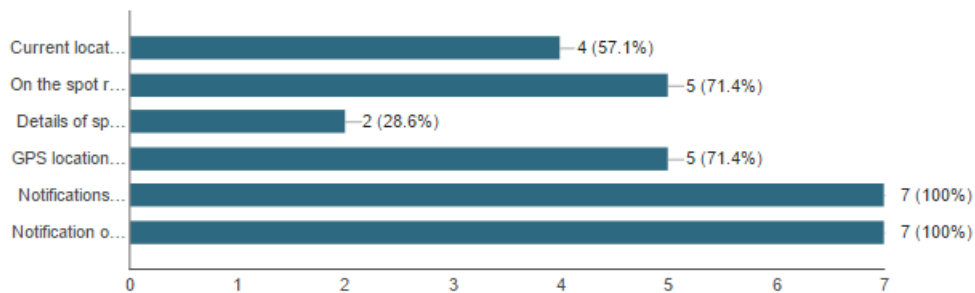How did you like the idea ? (34 responses)

- Excellent
- Good
- Fine
- Bad

44.1%

8.8%

47.1%

Will you use it ? (34 responses)

- Yes
- No
- Not Sure

20.6%

73.5%

How often will you use it ? (34 responses)

- Regular
- Not so regular
- At times

50%

14.7%

35.3%

What all requirements do think should be provided: (7 responses)

Current locat...	4 (57.1%)
On the spot r...	5 (71.4%)
Details of sp...	2 (28.6%)
GPS location...	5 (71.4%)
Notifications...	7 (100%)
Notification o...	7 (100%)

The result of this survey came out to be positive and encouraging with the notification system being highly appealing to the users.

Conclusion :

The was judged against all the above factors and came out to be feasible enough to work on.