

Indian Institute of Information Technology, Vadodara

Software Engineering (CS301)

Feasibility Report for discarded project topic

Group-8, Computer Science, IIIT Vadodara

When we started discussing and brainstorming about ideas to work upon, new and useful project was one of the main criteria. Along with this, any topic that we select must match teams skill set required to achieve it and we must have enough knowledge that it can be implemented.

DISCARDED IDEAS AND REASONS:

1. Womens safety app

We had no idea that how we can ensure someones safety by providing a mobile application. Due to lack of knowledge and incomplete idea it was not possible to implement. One more factor is that, there is such SOS button feature is available in some mobile phones. Whenever someone is in danger she can press that SOS button on the phone and immediate message with location will be sent to 5 preselected emergency contacts. Therefore, just an application wont be enough to solve this huge challenge.

2. College centralized server

Its similar to a moodle with added functions. Every student can share study material on college server and others can access it from there. Professors can also share lectures, videos and any content through it. This idea needed

different skill set and there is much less need to develop this system. Several alternatives like google drive and dropbox are available with a lot more features.

3. Calamity management application

We had no precise idea that how an application can be used to manage calamity and the idea itself was incomplete. We discussed about providing a software that manages the after effects and help govt. to track issues in particular region and manage it. We took a recent example in our discussion i.e. Chennai flood, how people helped each other using whatsapp, facebook and twitter. We failed to think of anything that addresses some particular aspect of this problem.

4. Hospital management application

There are a large number of application available to manage hospital system. Thus, it do not satisfies our ideas requirement to benew and innovative. Developing commercial software takes up too much time and we have a time limit of three months.

5. Cloud computing related.

Due to lack of knowledge in this field we

were unaware of the problems that could be addressed and solved. None of our team members have taken any formal course on this topic and hence we lacked technical skill to develop and deliver a software.

6. Issue-Return system.

Finally this was the idea in competition with our selected idea. We voted out this idea because of its being too mainstream and less chances of being creative and innovative. Also, we all were too much interested in android and server development kind of software because it will utilize of team resources to the fullest.

7. Location based interests cards

- Earlier, this feature was included in our location based android assistant but later on we removed it because of difficulty in data validation and scraping data from Internet. It wouldve made our application heavier and real time feeds will not be possible because there is no way to extract on going event from Internet and serve it to our users in particular location.