CAMPUSTALK

Feasibility Report

**Team-5**

**IT-632 Software Engineering**

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**Revision History**

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| --- | --- | --- | --- |
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1. **Project Overview**

The students of DA-IICT are facing the problem to connect with each other’s within campus offline. They cannot have any offline platform to connect with each other’s which allows them to share information about various events, and knowledge. Facing difficulties to connect with various group members when they want to have certain discussion about their academic project or have others information to share. Even students and professors do not have any way to share their knowledge to each others. The only way to communicate with each other’s is mailing system of institute. But it’s not an efficient way to share knowledge.

There are various social networks platform available for the same, but as they are restricted by institute authorities for accessing during the study time. So this would be not a solution to the problem.

The only solution is proposed system by software engineering team 05 of M.Sc. IT 2011 batch. This system addresses all such issues/difficulties of students, professors for sharing offline within campus.

1. **Feasibility Report**

It discusses the various aspects of the project and if the project is financially, technically, and socially sound feasible.

* 1. **Financial Feasibility:**

The development process chosen for the development of the project uses all the software and technologies easily available on the internet free of cost. The complete requirement gathering phase involved interaction with the students and the professors of the institute, so no charges were incurred during the requirement gathering phase. Since the entire project is being developed by the students of the group no external resources will be required during the coding and testing phase, hence no costs will be incurred during those phases.

The project is an online portal so no hardware will be required (except for a computer with an Internet Connection) for operating the product that we will offer, i.e. No Operational Cost. so the project is financially feasible.

* 1. **Technical Feasibility:**

We will mainly be using HTML, CSS, JSON, Less, JQuery for designing and coding the webpages of our project.

Backend will be operated using mysql, Javascript will also be used for content validation on client side.

We will be using Eclipse during coding phase of project.

All the above mentioned technologies are widely used, easily available, and are open-source. The basic aim is to make the project more and more user-friendly using these technologies which are easy to understand and code for the programmers. Hence the project is technically sound and feasible.

* 1. **Social Feasibility:**

The Internet is going towards a more start and a no cost philosophy where people want to discuss their information easily with other people without any limitations. Wikipedia is an excellent example of this visibility where people actually devote their time to help other peoples. With this foundation such people get a better foundation for providing the amount and learning. The success of no cost and start systems such as Wikipedia, YouTube, Share-Slides, and various blogs are evidence enough that these start tasks do work where the group works for the improvement of the group without any cost. Hence the project is culturally feasible.

**3. Cost Benefit Analysis**

**3.1 Costs:**

* Since we are using open source technologies for the development process, the software development cost turns out to be zero.
* Amount spent on the development is zero because the complete project will be developed by the team members for their learning and understanding.
* The efforts put in the team members will be calculated in man-hours.

**3.2 Benefits:**

* Server will create sure that the web page is up 24X7, without any bugs and a reduced possibility of a breakdown.
* Our major aim is to make CampusTalk more and more user friendly.
* User can access their account using Google, Face Book, Linked In.
* In CampusTalk there is no issue of storage space because they use decentralize server.