



Feasibility Report

Student Doubt Solving System
The Link

Submitted by:
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01

Executive Summary

An Introduction to The Link

- The Link is basically a platform which will be a boon for the students of the Computer Science and Business Systems branch of the university.
- In this platform, we will display the user (student), different resources like previous year papers, well completed and written notes, recommended books and sites and other resources, all culminated together at a place. They will have the feature of a chatbot to connect to the required person for any of their doubts ,QR code scanner for entry into the library and notifications of important deadlines. 2nd type of users- Teachers will be able to upload their assignments deadlines, some resources they recommend, class links and time table and these will be displayed to the students on their portal.



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Technological Feasibility

The Link is a web-based application. The main technologies and tools linked to our project are:

- HTML
- CSS
- JavaScript
- MongoDB
- Bootstrap
- Node.js

The project will be locally hosted, which is cost free.

These tech stacks are freely available for use and the technical skills required for this project are manageable. Hence, this project is technically feasible.



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Managerial Feasibility

- Our platform – The Link, is a web application with all the features hosted on the website, which can be used by the users directly on their devices and hence our project requires no major physical infrastructure.
- The members of our team are all technically skilled and will be able to manage the building of the platform.
- There'll be regular maintenance and updates of the platform by the team.



Economic Feasibility

- Since our project requires negligible finance to be made and maintained, there is negligible to no scope for losses.
- This project can be eventually made economically profitable by introducing ads (beneficial to students) and collaborations with companies having target audience as college going students like Coding Blocks, Coursera etc.

Safety Feasibility

- Our project is completely web-based and hence there is no environmental damage as well as workplace hazards.
- The student as well faculty data will be stored safely in our databases.

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Financial Feasibility

- All the tech tools used for building the platform, like HTML, CSS, Javascript, Python etc. are free.
- The collaboration tools that will be used in our project, like open source contribution software (Git/GitHub), Google Docs, etc. are freely available for use.
- The planning as well as crucial document creations were done on free platforms like Word Doc and PowerPoint Presentation.
- The coding for the platform was done on platforms like VSCode and Python IDE, which again are available for free download.
- The hosting would be done locally.

All these processes are free or of negligible cost. Hence our project is economically feasible.



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Social and Cultural Feasibility

- By introducing a platform which has a cumulation of crucial features for the students as well as teachers, we are impacting a large number of students and their education in the long term (Timely submission of assignments, smooth data and info flow, easy doubt clearing etc.). Thus it is a socially and culturally beneficial project.
- Through this platform, we are also embracing and encouraging a culture of peer help.



Political Feasibility

No mention or relation to politics in the project.

Resource and Time Feasibility

- Desktop/laptop, programming tools, programmers of the team, hosting as well as collaboration tools are all the major resources of our project and are freely available.
- Since all the mentioned points are financially feasible, hence our project – The Link , is resource feasible.
- We dedicatedly attend labs for the project every week and also hold regular meeting to work for the planning as well as implementation of the project and hence our project is also time feasible.

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Meet The Team

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