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Software Engineering

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Tutor Project Proposal

Library Management system.

The main aim of the project to come out with a digital library which provides useful information and easy to manage. The project provides the multiple user interface where the admins communicates the user. There are three categories of users (students, teachers and others). The admin manages the resources of the library. Some of these resources he manages are e-books, magazine, newsletters, past reports, past questions, podcast, videos, using blogs and websites. All these resources added based on the categories, authors, date issued, date uploaded. He also manages the users that this he grants the users access to the library. On the other hand the users will be able to have access to the resources in the library after they have registered. The admin will communicate with the users and help them out in case they have difficulties through messages. The system will behave like a physical library.

The following tools will be used to achieve this project.

1. Python. For prompting the admin to carry out his various operations I will use python.
2. Then to give the library a view html, JavaScript and CSS will be used for the front end of the website.
3. Maria DB will be used for the backend and also storing information managing the user's information with Maria DB.

The project will be for a period about 8 weeks. I will work in close with my assigned supervisor and give weekly reports on what I have achieved weekly as far as the project is concerned. Will start up by familiarizing myself with python, html, CSS and JavaScript.