**Library Portal**

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**Motivation:** A **library** is a collection of sources of information and similar resources, made accessible to a defined community for reference or borrowing. We have a pretty good library available in our college but it often becomes difficult to the students to search for their desired books. So, we as a team have come up with a solution to help this cause.

**Objectives:** The portal we design will have three types of users - Admin(librarian), Students & Faculty. The privileges for each user is as follows:

Student:

* Able to access reading lists
* Add review about any book

Admin:

* Add/Edit a book
* Issue book to other users

Apart from this, the portal could also have automatic reminder system and book review system.

**Overall architecture:** Python, Django, HTML, CSS, JavaScript, SQLITE3, mysql.

**Abstract:** In the modern digital information environment, a well-defined mechanism is needed to organise, store, and access information. A library portal is highly beneficial for this as well as for web-enabled information services. Most of the libraries are adding e-resources to their collection. The utility of these e-resources will be limited in the absence of a functional website that facilitates the users to exploit these to the maximum extent. Web portals are the tools that enhance access to the e-resources by providing visibility to these. We are trying to build one such library portal to facilitate not only this but also provide access to the e-resources as well as the hard copies of books available in the library.