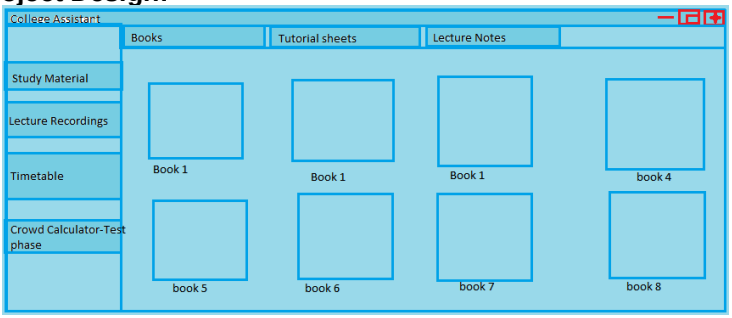
1. Title	*Virtual Resource Management System (VRMS)*
2. Team Name	Code Owls
Team Members	*Alan Louis* *Adwit Mittal* *Dhruv Lawaniya* *Rahul Khanna*
4. Abstract	***Introduction/Background:*** This pandemic has rendered education to online platforms which is not as efficient as physical classrooms / education. Making Notes and getting resources has become messy and unorganized. Students have difficulties in locating their resources in times of need. A lot of novels and books are difficult to come by due to the world going into online mode and hence this would help students, educators and others alike gain access to resources hard to obtain. ***Objectives:*** • Library System • Novels / E-Books (Freemium) • Lecture recordings • Study Material ***Methods:*** We'll use GUI (from tkinter library) to implement our logic and for the backend (database) we will use python. We might also use excel spreadsheets to manage databases. ***Keywords:*** Library Books Resources Documents
5. Introduction, Review of Literature and Background	Learning Management Systems are very common amongst Universities. Our VRMS however is made by students for students offering plenty more resources plus E-Books and recordings. Having a forum not run by the college makes it easier for students and others to learn more and clear their doubts.
6. Objectives: Project Aim	**Project Aim** A library resource system where one can access E-Books, Resources and Recordings.
7. Methods and Materials	**Study/Project Design:**  **Hardware Specification:** A Laptop or PC to code on. **Outcome Measures:** Primary outcome of VRMS is to make learning efficient and easier. **Drawbacks and the Limitation:** Access to only free material (as of now) **Conclusion:** VRMS aims to make studying, researching and working online easier and much more efficient by providing a platform for smart learning. Future of this project could be building a forum for doubt clearing, building a profile system and a mess crowd calculator which checks vacancy in the mess.

8. Potential Impact	This project impacts students and teachers, offering them easier access to resources and helps with doubt clearing. It also functions as a library to access all sorts of books, documents, news and recording of lectures.
9. Future Plans	• Forum for doubt clearing. • Profile system. • Mess Crowd Calculator – To check the vacancy in the mess from anywhere in the campus. • Attendance Management System
10. References	MIT's New Modular Learning Management System