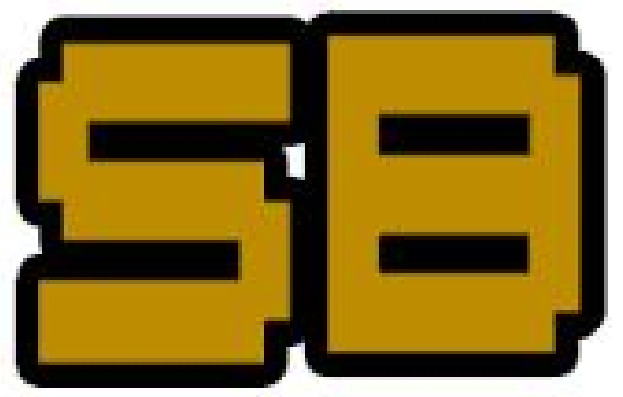




Spotify Inspired Learning Management System 1.0



School of Computing & Information Sciences

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Vertically Integrated Projects

Problem

Essentially the current system is plateaued where there's no place for compounding knowledge intuitively, a way to refer back to archived info, a lack of consistency throughout the site, and unnecessary barriers.

Solution

- Student centric
- Compounded curated information
- Interdisciplinary learning
- Native workspace
- Lifelong Learning

Current System

- Faculty centric
- Limited information
- Siloed learning
- Disconnected workspaces

Verification

This application was tested by having 30 individuals both students and alumni to go through it as they gave feedback on its features and layout.

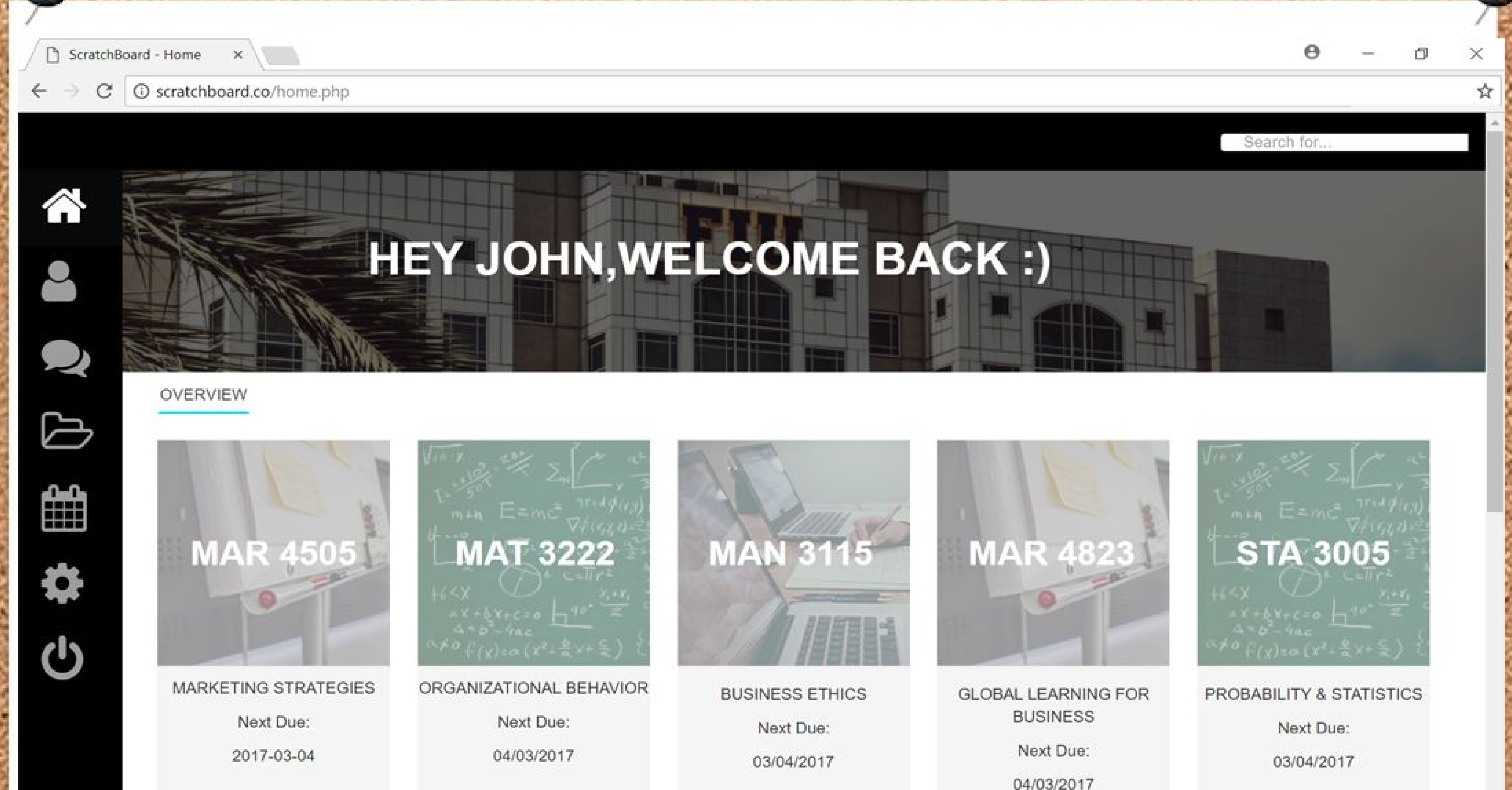
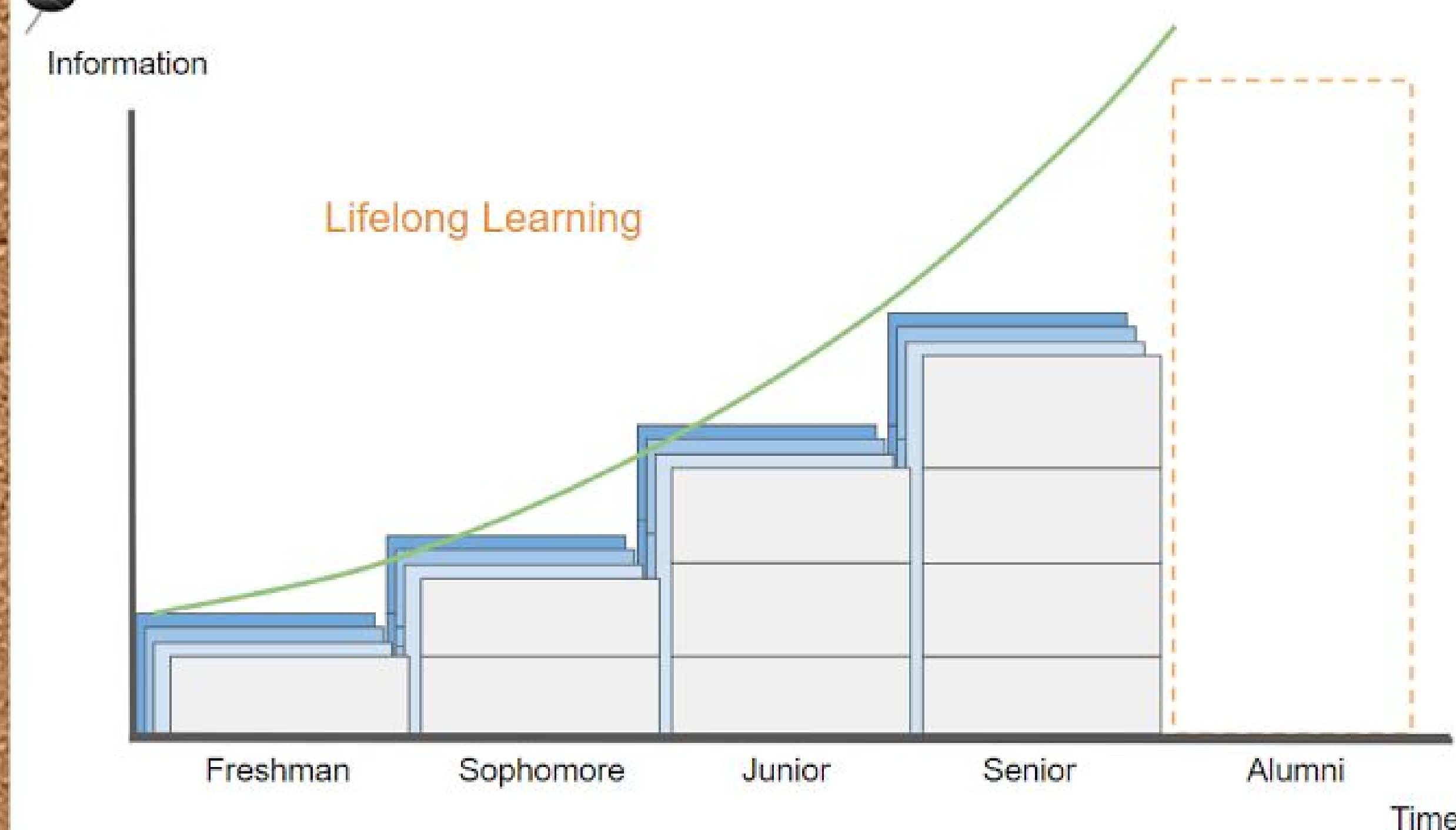
Requirements

- Students should be able to:
- Create an account
- Login/Logout
- View their courses
- Personal To-Do List
- Calendar with personal and course related events.
- Profile with a collection of their documents.

Implementation

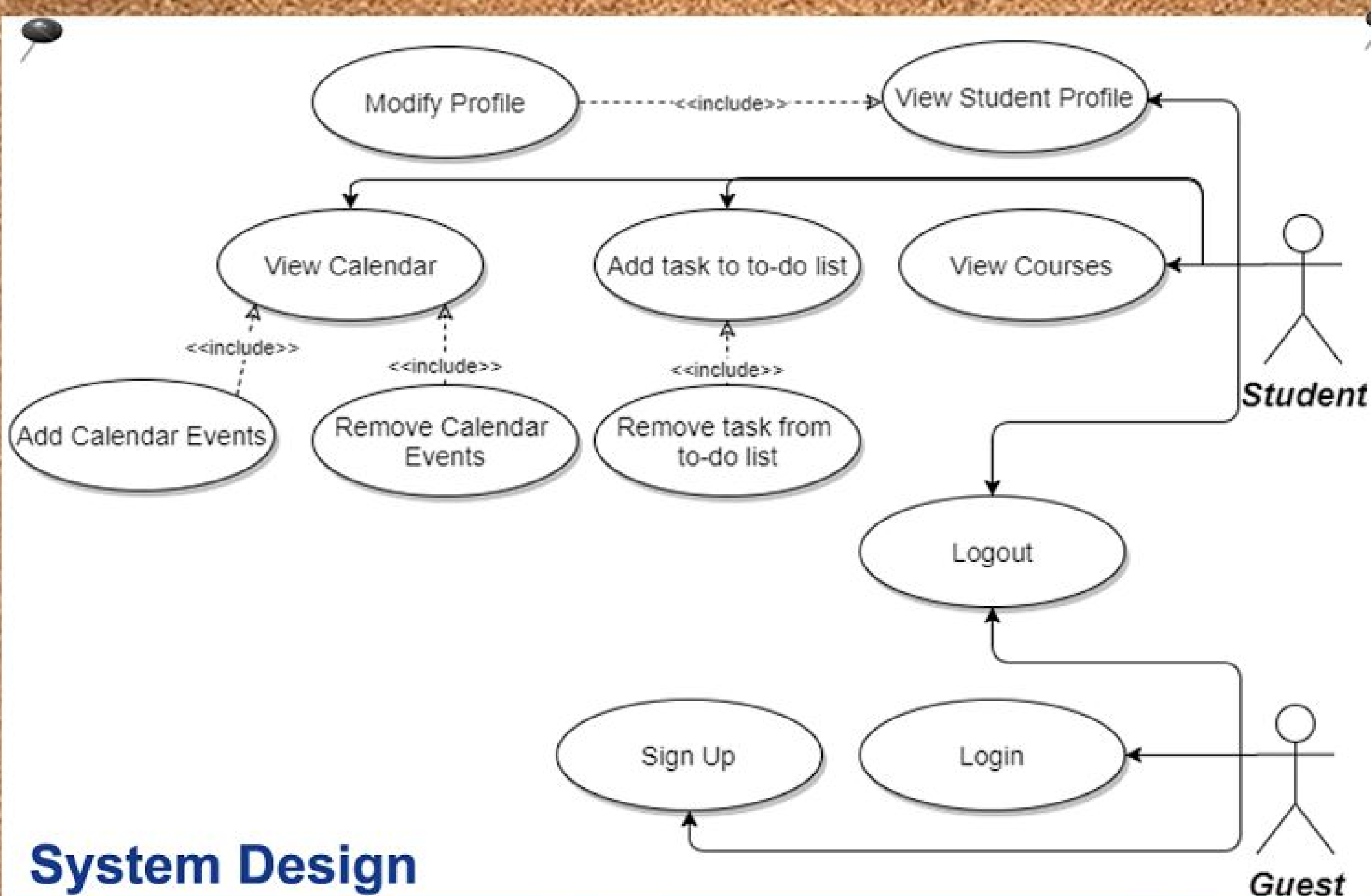
Spotify Inspired Learning Management System 1.0 uses:

- Linux hosting with cPanel for the server-side
- HTML5, CSS3, Bootstrap4, AngularJS, and Javascript for the client-side.
- MySQL and myphpAdmin as a database and storage.

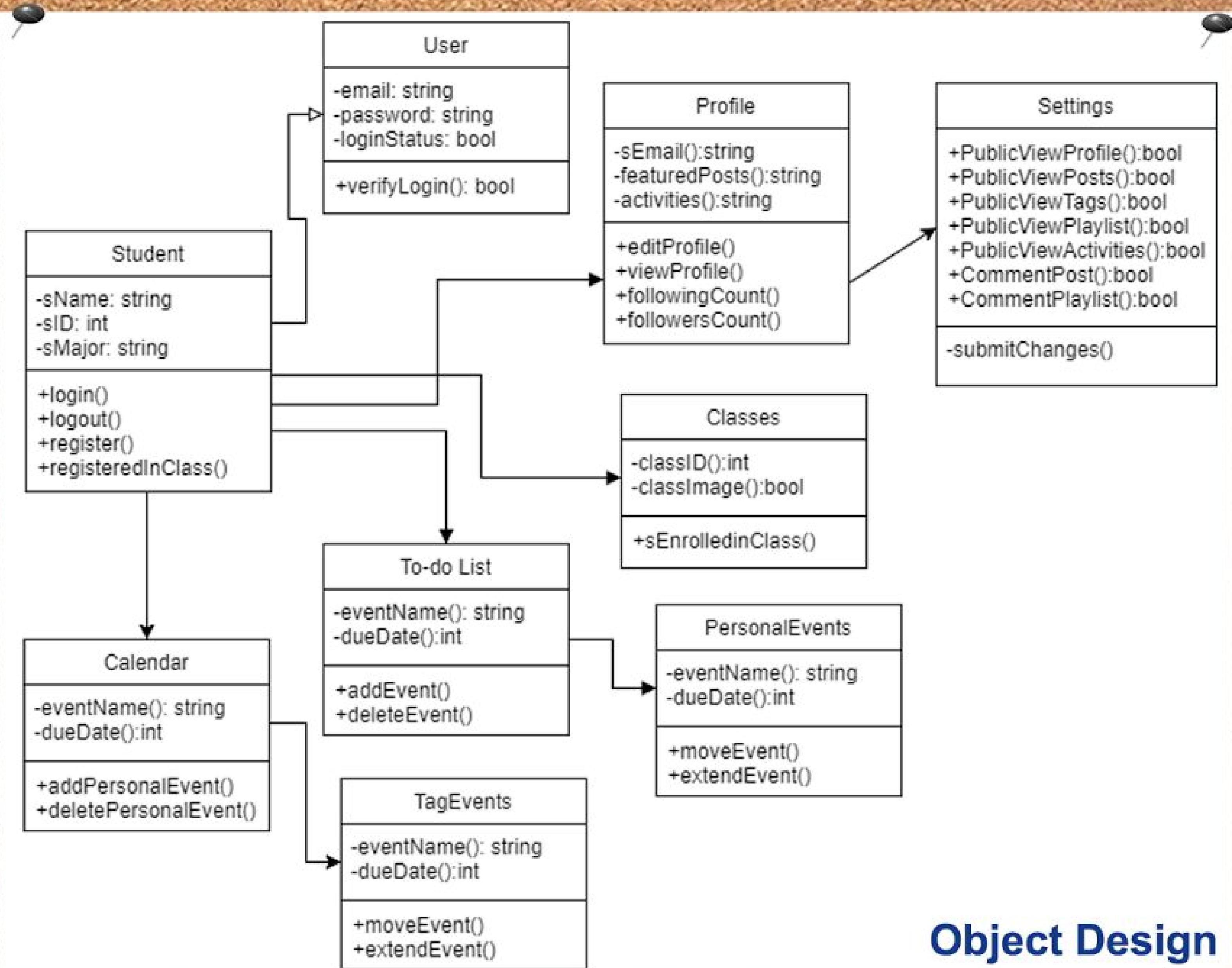


Summary

The Spotify Inspired Learning Management System 1.0 is an intuitive application with a native workspace. It focuses on the students' needs by providing tools to organize themselves. While also notifying the student about events pertaining to their chosen tags.



System Design



Object Design

Acknowledgement

The material presented in this poster is based upon the work done by Jessica Silva. I am thankful to the help that I received from my group member, Edward Phillips. This project was supported by Start Up FIU, Eliana Alba and Tara Demren. Special thanks to our instructor Francisco Ortega.