PATHSALA

A platform for students to learn and share knowledge

Presented By:
Prasiddhi Dahal (08)
Kriti Gautam(14)
Aashish Paudel (31)
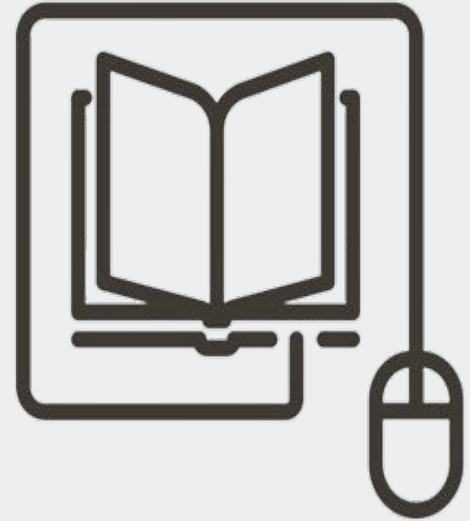Sarthak Shakya (41)
[CS II-II]

**Supervised By:**
Sameer Tamrakar

INTRODUCTION

- User-centric E-Learning

- Access to educational materials and courses from anywhere and at any time

- A webapp for student and teachers.

OBJECTIVES

- Platform for the student and teachers to make the teaching learning process more intuitive.

- Assignments and quizzes can be added by the teacher to evaluate the student performance.

- Teacher and student can organize their personal notes and gain access to past papers.
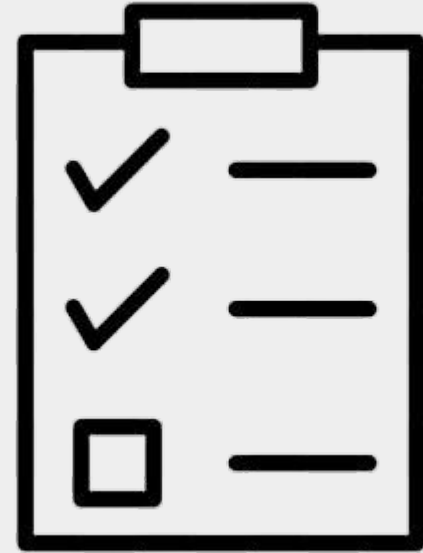
Related Works

Google Classroom

- An online platform for virtual Classrooms

- Features assignment distribution

- Submission and feedback and communication from both students and teachers.
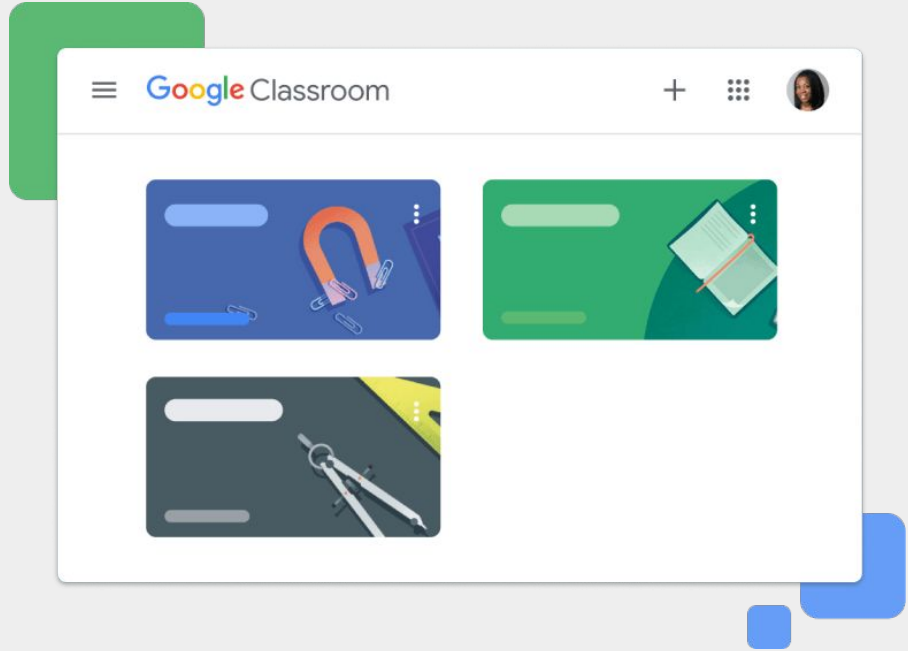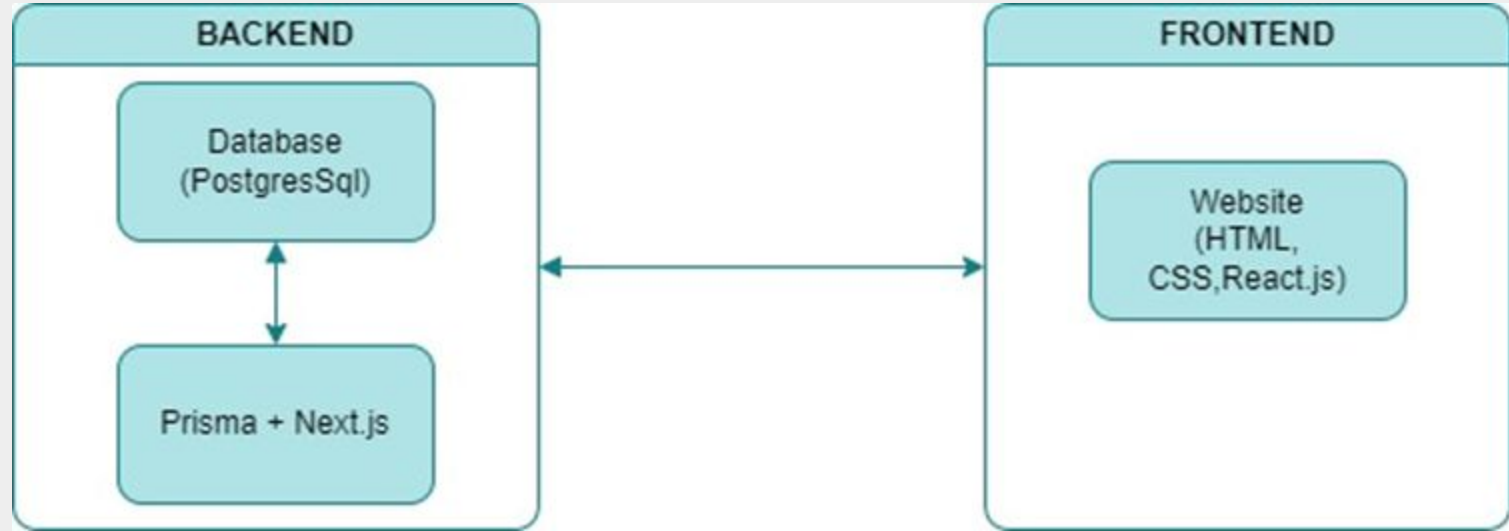
Related Works

KU ELF

- An online learning management system used by Kathmandu University

- Facilitates access to course materials, assignment submission and online discussions
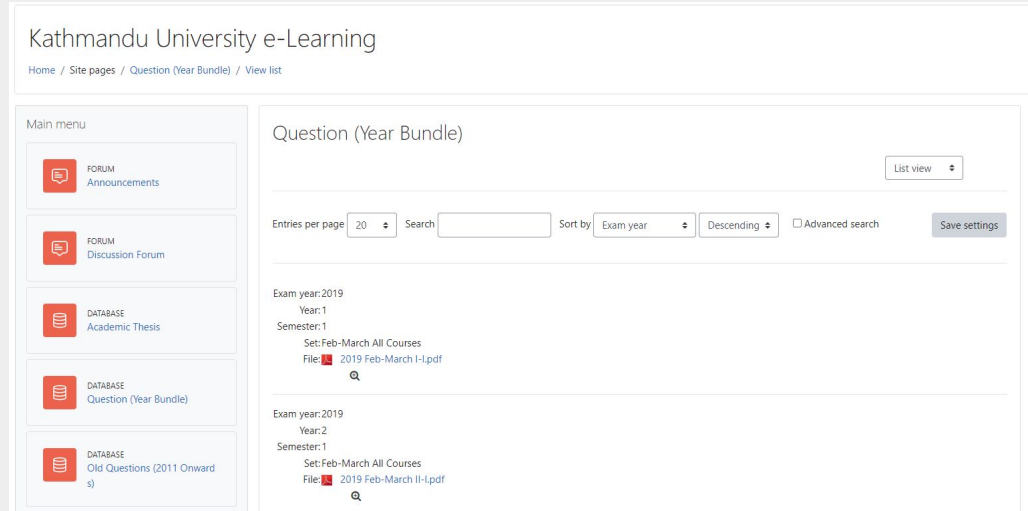
Design and Implementation

Software Tools Used

Frontend Tools

- HTML
- CSS
- React.JS

Backend Tools

- Next.JS
- PostgreSQL
- Prisma

Features

- Student login: KU account only

Features

- Classroom interface: Join and participate

My Classes

Cs Batch 2020 MCSC 207   View Details

Numerical Methods

Description: Lorem ipsum dolor sit amet, consectetur adipiscing el vehicula erra maximus.

ClassCode: nxfirhjdj45

Cs Batch 2021 MATH 207   View Details

Statistics

Description: This course is designed to provide students with a foundation in statistical concepts and methods.

ClassCode: hhgdjnh45

Eng Batch 2021 ENG 101   View Details

Introduction to English Literature

Description: This course provides an introduction to the study of English literature, covering a range of genres and time periods.

ClassCode: jknfsd36

Features

- View and submit assignments

Features

- View and submit quizzes

Cs Batch 2021 MATH 207

Statistics

Description: This course is designed to provide students with a foundation in statistical concepts and methods that are commonly used in the field of computer science.

Class Code: hhgdjnh45

Assignments

Quizzes

View and submit your Quizzes here

Features

- Add and view personal notes

Limitations

- Google Drive & Forms: Assignment/Quiz management

- Limited flexibility & integration

- No detailed performance metrics

- Challenges in assessing teaching effectiveness

- Lacks data-driven decisions

Future Enhancement

- Native assignment management

- Quiz integration flexibility

- Student performance tracking

- Chapter progress analytics

PROJECT DEMONSTRATION