



CLOWiz

An NLP-Based Question Categorization
Application

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1 Project Overview

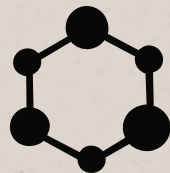
Introduction

Teachers encounter difficulties in aligning exam questions with Course Learning Outcomes (CLOs), requiring manual sorting for each question, thus consuming time and effort.



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Text Categorization



2

AI Engineering

Input

CLO's with short Descriptions

List of Questions

Output

Questions grouped into respective CLO.

Techniques and Model

SVM Linear Classifier

Cosine Similarity



3 UI/UX Design

Role Overview



- UI Wireframes
- UI Prototypes



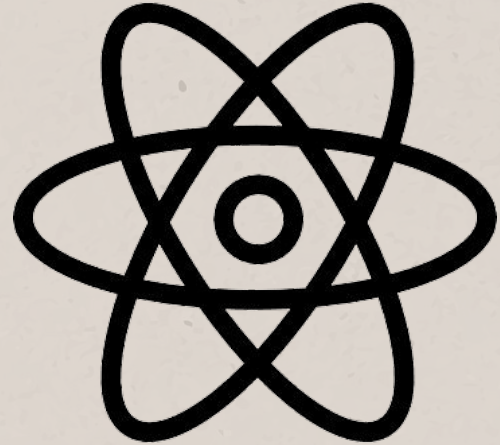
Figma



4 Frontend/Backend

Frontend

- User Interface Implementation
- Client-Side Logic
- React Js, HTML, CSS, Javascript



Backend

- Collaboration with Frontend
- API Specification
- Node Js





5 Testing

Role Responsibility

- Testing parts of the application
- UI + Component
- Verification and Validation





Report Management

Role Responsibilities

- Report Writing
- Collaborating with team members
- Incorporating changes
- Bibliography Management

TEX

Thank you.

Team and Roles

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Project Manager/Backend Engineer

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UI/UX Designer

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