Generative AI with IBM Cloud Project Documentation format

# Introduction

* + **Project Title:** [ **EduTutor AI: Personalized Learning with Generative AI and LMS Integration** ]
  + **Team Members:** M Siva Shankar

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# Project Overview

* + **Purpose:** Briefly describe the purpose and goals of the project.
  + **Features:** Highlight key features and functionalities.

# Architecture

* + **Frontend:** Describe the frontend architecture using React.
  + **Backend:** Outline the backend architecture using Node.js and Express.js.
  + **Database:** Detail the database schema and interactions with MongoDB.

# Setup Instructions

* + **Prerequisites:** List software dependencies (e.g., Node.js, MongoDB).
  + **Installation:** Step-by-step guide to clone, install dependencies, and set up the environment variables.

# Folder Structure

* + **Client:** Describe the structure of the React frontend.
  + **Server:** Explain the organization of the Node.js backend.

# Running the Application

* + Provide commands to start the frontend and backend servers locally.
    - **Frontend:** npm start in the client directory.
    - **Backend:** npm start in the server directory.

# API Documentation

* + Document all endpoints exposed by the backend.
  + Include request methods, parameters, and example responses.

# Authentication

* + Explain how authentication and authorization are handled in the project.
  + Include details about tokens, sessions, or any other methods used.

# Testing

* + Describe the testing strategy and tools used.

# Screenshots or Demo

* + Provide screenshots or a link to a demo to showcase the application.

# Known Issues

* + Document any known bugs or issues that users or developers should be aware of.

# Future Enhancements

* + Outline potential future features or improvements that could be made to the project.