



# PLAGIARISM CHECKER

Group : 14

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# Purpose

- Help students analyze grammatical correctness of their content(assignments , projects , etc.).
- Help teachers check and avoid plagiarism among student's assignments.
- Any guest user can check for grammatical errors and plagiarism in their documents.
- A virtual classroom environment where teacher can post assignments and students can submit their assignments , teachers can then check for malpractices within submissions made by students.

# Existing System :

The present system has no integration of plagiarism checker, grammatical errors checker with student teacher portal and similar features for any guest user as well.



There are platforms for grammatical error checker but doesn't have plagiarism checker.



Similarly there are platforms for plagiarism but doesn't have grammatical checker.



Google Classroom

Some platform provide virtual classroom facility but they don't have plagiarism checker.



Also there is no such system which allows checking for plagiarism within assignments submitted by various students locally.

**Proposed system :** The plagiarism checker contains integrated grammatical error checker and a teacher-student portal.

**Homepage :**



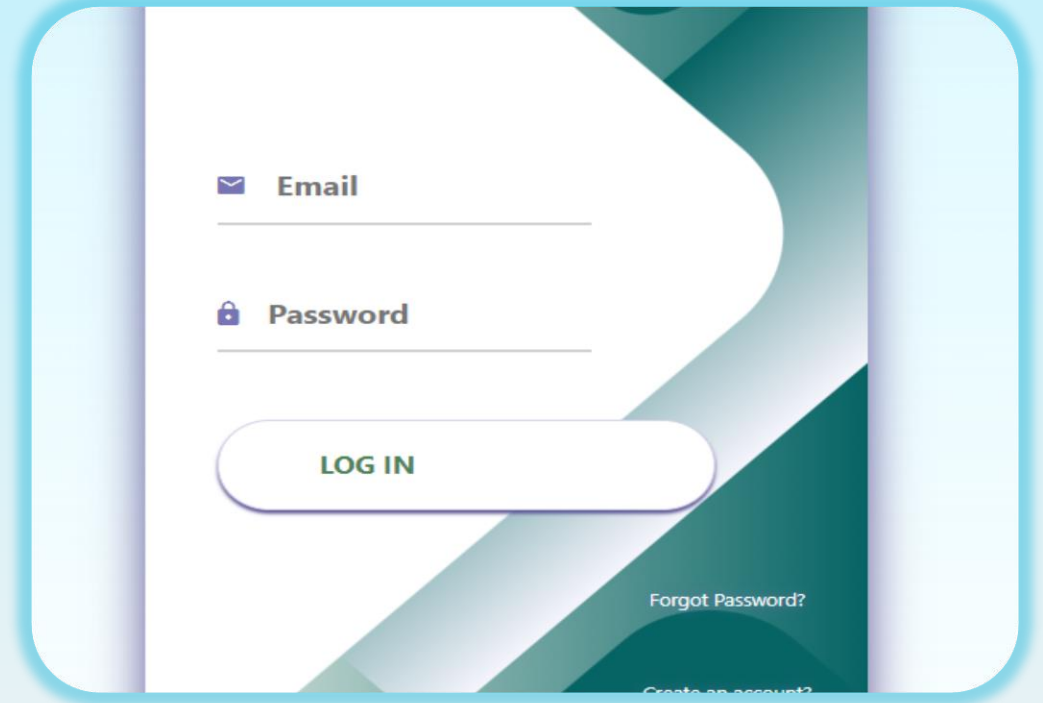
# Components :



A registration form UI mockup with a white background and a teal abstract graphic on the right. The form includes the following fields and elements:

- Name**: Input field with a person icon.
- Email**: Input field with an envelope icon.
- +1 Institute Id**: Input field with a plus icon.
- Password**: Input field with a lock icon.
- Confirm Pass**: Input field with a lock icon.
- Login As**: Radio buttons for **Teacher** and **Student** (selected).
- Forgot Password?**: Link text.
- Already have an account?**: Link text.
- REGISTER**: A white button with a teal border and text.

Student/Teacher registration form




A login form UI mockup with a white background and a teal abstract graphic on the right. The form includes the following fields and elements:

- Email**: Input field with an envelope icon.
- Password**: Input field with a lock icon.
- LOG IN**: A white button with a teal border and text.
- Forgot Password?**: Link text.
- Create an account?**: Link text (partially visible at the bottom).

Student/Teacher login form

# Guest Page: Guest can upload file/s and can check plagiarism and grammatical error in his/her file.

 Plag Check

LoginRegisterSupport

← Back


Choose file before Pressing the Upload button

Choose FilesNo file chosen

Upload

Scan for plagiarism

Scan for gramatical errors





# Results : Plagiarism and grammatical report.

File Type: text/plain

Plagism Report		
File1	File2	Similarity_Score
test2.txt	test3.txt	66.43
test1.txt	test2.txt	2.81
test1.txt	test3.txt	0

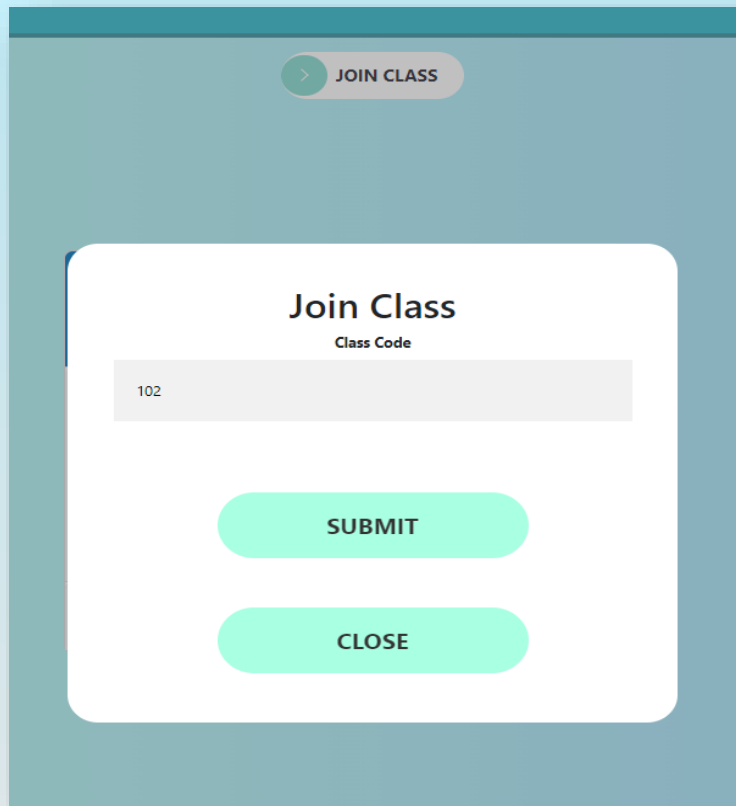
Plagiarism Report

File type: text/plain

Grammer Report	
input1.txt	
No. of mistakes found in document is :1	
Offset 99, length 5, Rule ID: WANNA Message: The word 'wanna' is informal. Suggestion: want to ...cript with an extension of .txt, If you wanna use sample textfiles I used for this tu... ^^^^^	
Offset 116, length 9, Rule ID: MORFOLOGIK_RULE_EN_US Message: Possible spelling mistake found. Suggestion: textiles; text files ...ension of .txt, If you wanna use sample textfiles I used for this tutorial ^^^^^^^^	

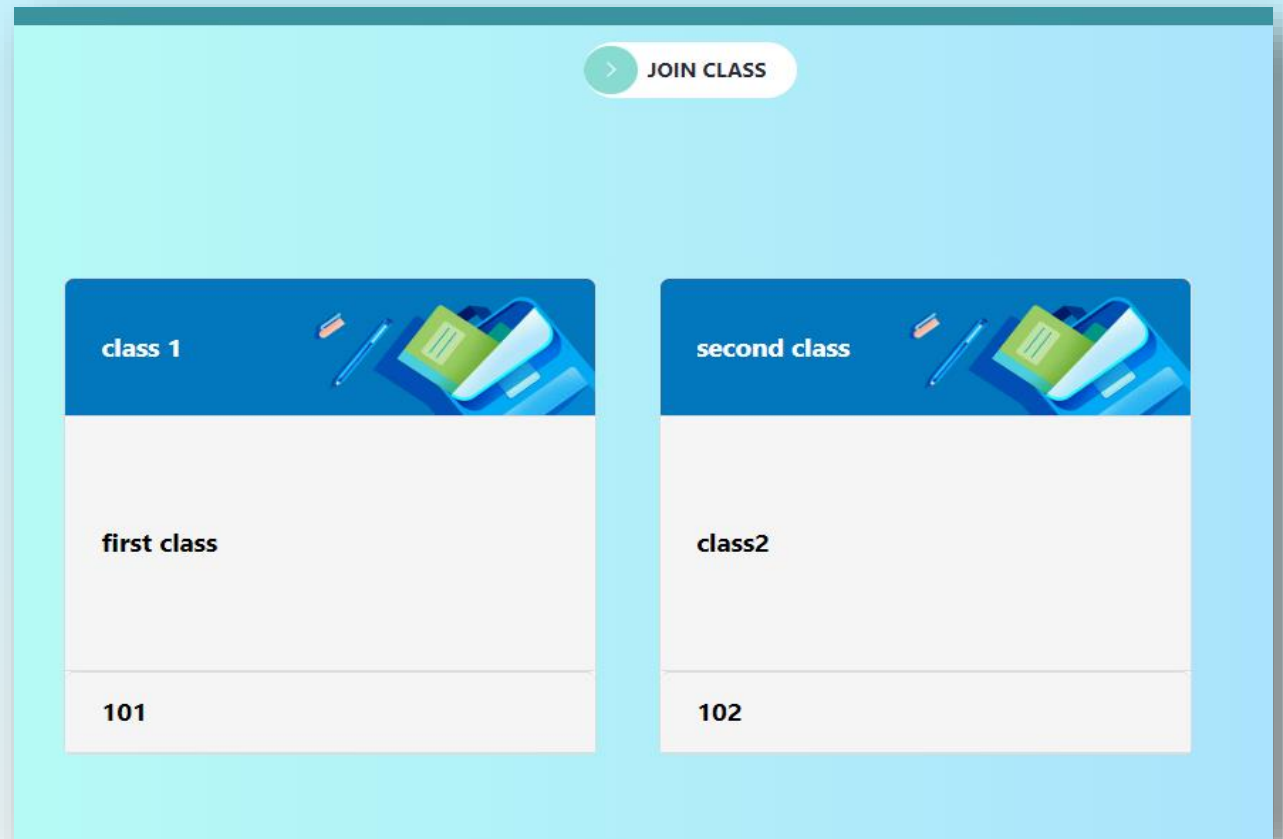
Grammatical Error Report

# Student pages : Join class



A screenshot of a mobile app interface for joining a class. At the top, there is a teal header with a white button labeled "JOIN CLASS" with a right-pointing arrow. Below this is a white rounded rectangle containing the title "Join Class" and the subtitle "Class Code". A text input field contains the code "102". At the bottom of the white rectangle are two green buttons: "SUBMIT" and "CLOSE".

Student can join class using class code.

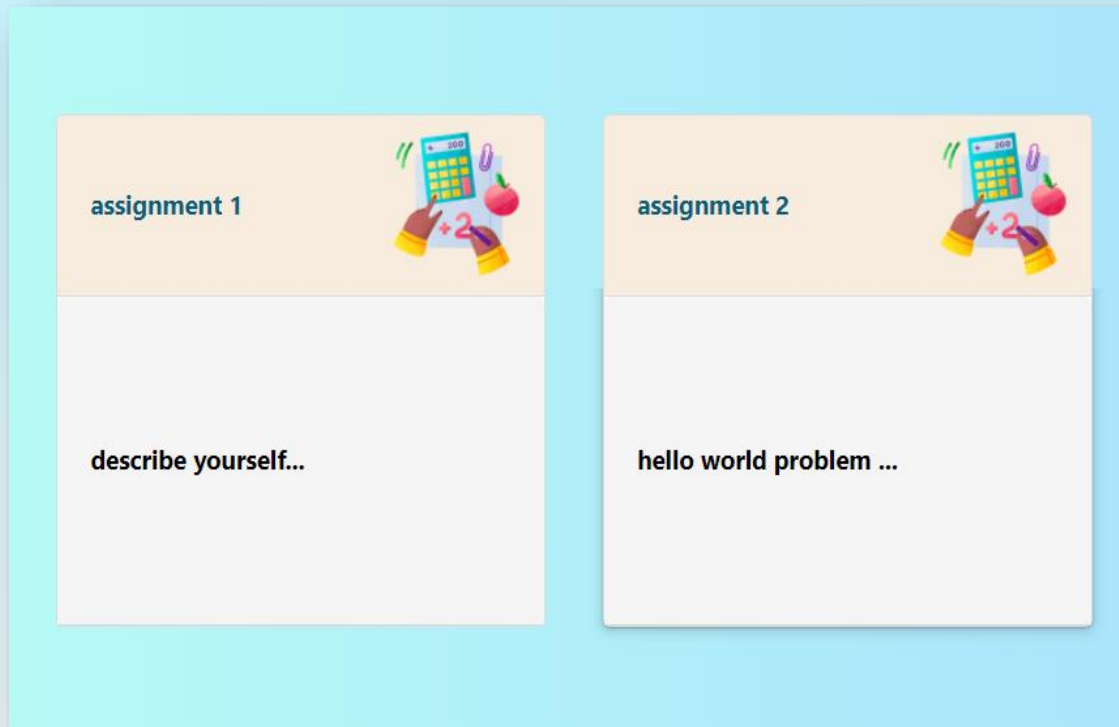


A screenshot of a mobile app interface for selecting a class. At the top, there is a teal header with a white button labeled "JOIN CLASS" with a right-pointing arrow. Below this are two blue cards. The left card is titled "class 1" and contains the text "first class" and the code "101" at the bottom. The right card is titled "second class" and contains the text "class2" and the code "102" at the bottom. Both cards feature an illustration of school supplies (pencil, eraser, notebook, and folder) in the top right corner.

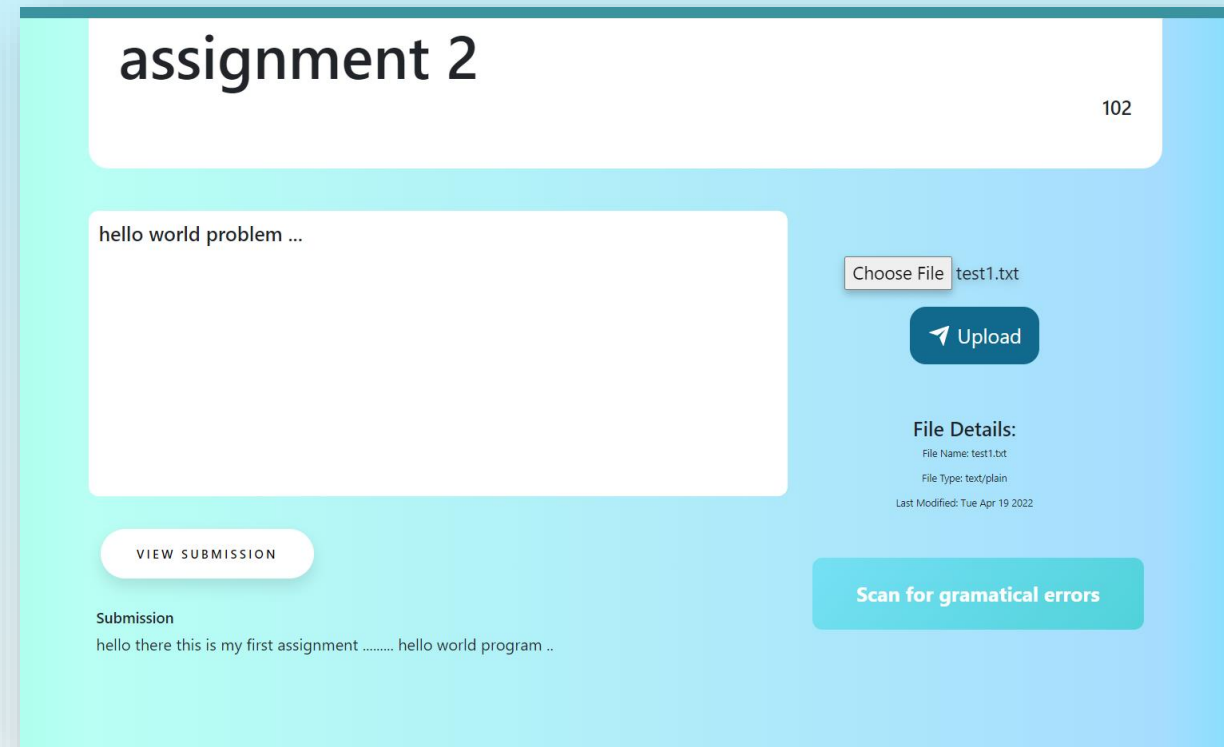
Student may choose their class using its respective class code/name.



# Student Pages : Submit assignment and view grammatical report.

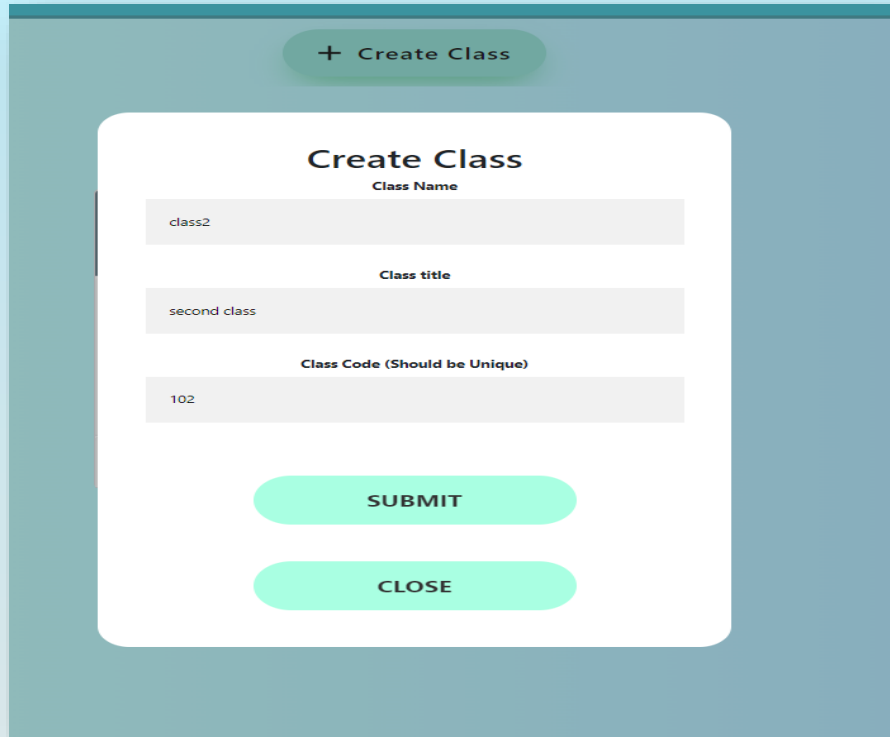


Students can view their assignments .



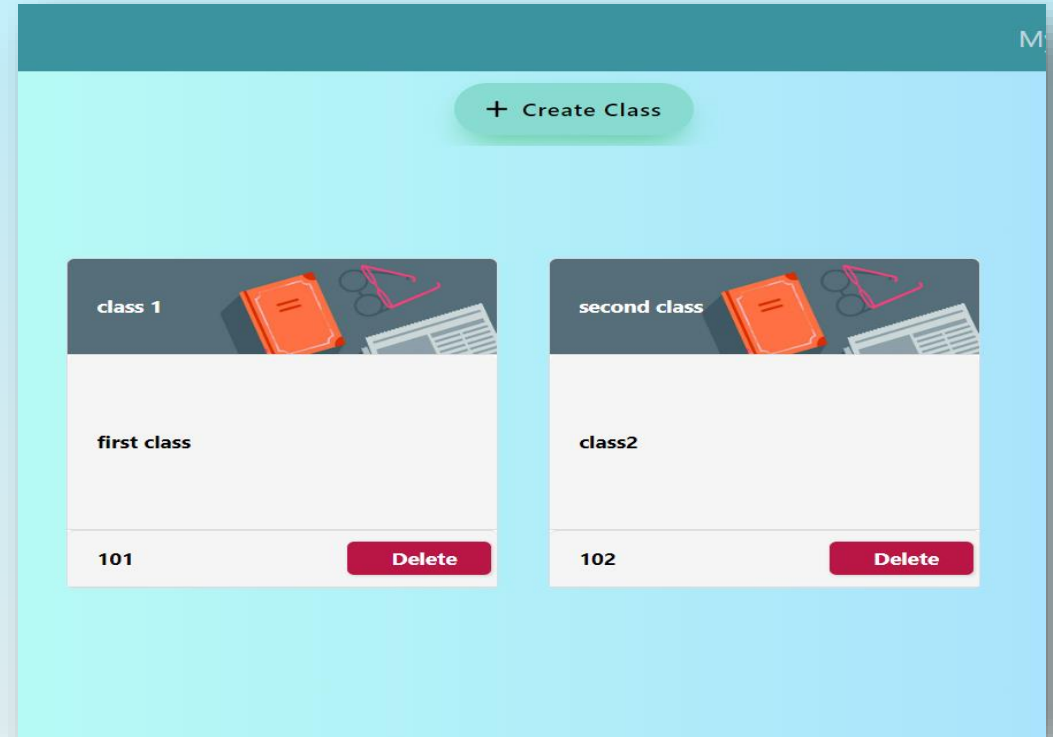
Students can view their submissions and check for grammatical errors.

# Teacher pages : Class



The image shows a 'Create Class' form on a dark teal background. At the top, there is a green button with a plus icon and the text '+ Create Class'. Below this is a white rounded rectangle containing the form. The form has three input fields: 'Class Name' with the value 'class2', 'Class title' with the value 'second class', and 'Class Code (Should be Unique)' with the value '102'. At the bottom of the form are two green buttons: 'SUBMIT' and 'CLOSE'.

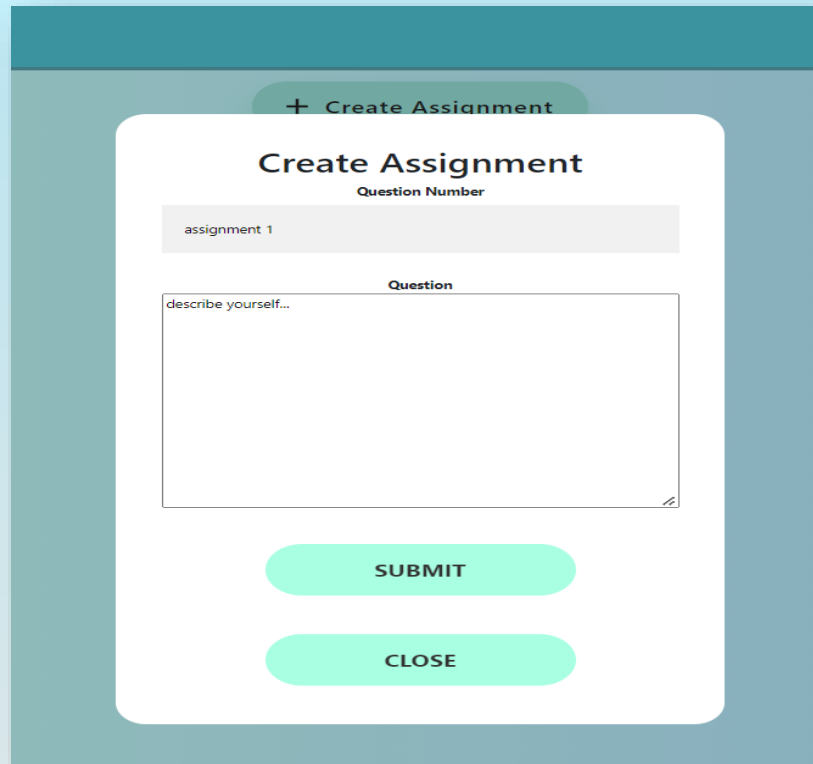
Teacher can create new class with a class title and unique class code.



The image shows a class management page on a light blue background. At the top, there is a green button with a plus icon and the text '+ Create Class'. Below this are two class cards. The first card is titled 'class 1' and contains the text 'first class' and the code '101'. The second card is titled 'second class' and contains the text 'class2' and the code '102'. Both cards have a red 'Delete' button at the bottom right. Each card also features an illustration of a book and glasses.

Teacher can also delete any of the classes created.

# Teacher Pages : Assignment



The screenshot shows a modal window titled "Create Assignment" with a teal header bar containing a "+ Create Assignment" button. The form has a "Question Number" field with the value "assignment 1". Below it is a "Question" label and a large text area containing the placeholder text "describe yourself...". At the bottom of the modal are two green buttons: "SUBMIT" and "CLOSE".

Teacher can create new assignment.



The screenshot shows a page titled "My Assignments" with a teal header bar containing a "+ Create Assignment" button. The page displays two assignment cards. The first card, labeled "assignment 1", has a placeholder text "describe yourself...". The second card, labeled "assignment 2", has the text "hello world problem ...". Both cards feature a decorative icon of a graduation cap and a book.

Teacher can view his/her assignment given.

# Teacher Pages : Report

Plag Check

MyProfileSupportClassesLogout

assignment 1

102

describe yourself...

Scan for plagiarism

789

test1.txt

Wikis are enabled by wiki software, otherwise known as wiki engines. A wiki engine, being a form of a content management system, differs from other web-based systems such as blog software, in that the content is created without any defined owner or leader, and wikis have little inherent structure, allowing structure to emerge according to the needs of the users.[1] Wiki engines usually

567

test2.txt

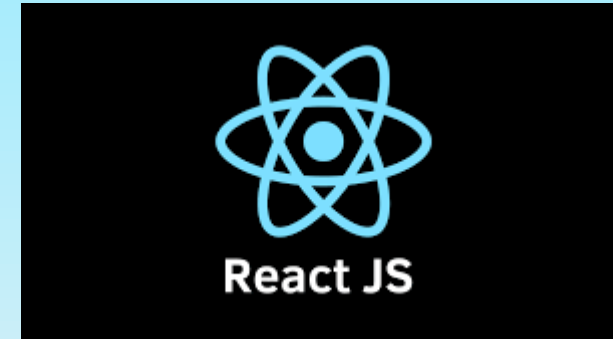
content is created without any defined owner or leader, and wikis have little inherent structure, allowing structure to emerge according to the needs of the users.[1] Wiki engines usually allow content to be written using a simplified markup language and sometimes edited with the help of a rich-text editor.[2] There are dozens of different wiki engines in use, both standalone and part of other software, such as bug tracking systems. Some wiki engines are open source, whereas others are proprietary. Some permit control over different functions (levels of access): for example, editing rights may permit changing, adding, or removing

Plag Report

Roll1	Roll2	Similarity_Score
567	789	50.19

Teacher can view the submitted assignments and can view similarity score using plagiarism report.

# Technologies Used :



# Contributions:

- Abhishek: Frontend
- Divyansh : Frontend
- Kamran : Backend
- Kushagra: Frontend and Backend