**PROJECT**

**SYNOPSIS**

**OF**

**Codeshows**

**Submitted to: Submitted by:**

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**OBJECTIVE**

The objectives of the system are-

* To provide an online coding platform for MNIT Jaipur.
* To reduce operational time.
* Increased accuracy and reliability.
* Increased operational efficiency.

This website can be readily used by students and teachers to carry out their day to day college tasks and participate in contests. This project is used by two types of users

1. Students.
2. Teachers.

Teachers and Students can create their accounts and start solving problems, participate in contests and submitting assignments or take part in a discussion.

Teachers can upload and evaluate assignments. Administrator must be an authorized user.

New features can be added as per requirements.

**MODIFICATION AND IMPROVEMENT OVER THE EXISTING IMPLEMENTATION**

**Present State:**

* No Software present at all.
* Time consumed in accessing the records of the students.
* Headache of teachers is more to manage the information of students manually.
* Poor coding culture.

**After implementation of project:**

* Improved coding culture.
* Students can submit their assignments online.
* Teachers need not waste time in manually evaluating records of each and every student.

**SCOPE**

This project has a large scope as it has the following features which help in making it easy to use, understand and modify it:

* Automation of Assignment checking.
* No Need to do Paper Work.
* To save the environment by using paper free work.
* To enhance coding skills of students.
* Management of Student Data.

**TOOLS AND TECHNOLOGY USED**

**Tool**:

* **CS50 IDE**: CS50 IDE is a cloud-based Integrated Development Environment powered by Cloud9 that features a cloud-based Ubuntu environment. It features a browser-based editor, which supports syntax highlighting and word completion, a GUI-based GDB debugging, full control over a cloud-based Ubuntu environment, and many more features including themes, customizable layouts, and keyboard shortcuts.
* **PHPMYADMIN**: - phpMyAdmin is a free software tool written in PHP, intended to handle the administration of MySQL over the Web. PhpMyAdmin supports a wide range of operations on MySQL and MariaDB. Frequently used operations (managing databases, tables, columns, relations, indexes, users, permissions, etc.) can be performed via the user interface, while you still have the ability to directly execute any SQL statement.

**Technology:**

* **PHP**: - It is used open source general-purpose scripting language that is especially suited for web development and can be embedded into HTML.
* **HTML**: - It is used for giving eye catching look to the website. And also providing easy to use GUI.
* **CSS**: - CSS is cascading style sheet which is used to give designer look to HTML using the external file.
* **Java script**: - Java script is used for client side scripting which can help in using validation on the website and many more other functions.

**REFERENCES**

* www.w3schools.com
* www.stackoverflow.com