**E-learning of Programming Languages based on Cloud Computing.**

**ABSTRACT:**

E-learning is the most effective way of learning in this technological world. The proposed work uses internet and cloud computing technology to design, implement, manage, support and extend learning and will greatly improve the efficiency of learning several programming languages.

**DEMERITS OF EXISITING SYSTEM:**

* Occurrence of server system failure and data traffic in traditional server-based hosting.
* Lack of interaction between faculties and students in existing e-learning websites.
* Lack of opportunities for students to self-access themselves.

**MERITS OF PROPOSED PROJECT:**

* An educational cloud can serve as a reservoir of information which students can access when they are connected through their mobile devices or PCs without the hassle of maintaining a large server and data storage farm.
* This website maintains individual profile for each student and the faculty based on their institution thereby establishing a healthy and supportive learning environment.
* The student portal is provided with various video tutorials of several programming languages and query section to post their doubts which are clarified by their respective faculties.
* Marks scored by the students in online test are periodically displayed to their faculties in order to monitor students’ performance and progress.

**HARDWARE SPECIFICATION:**

• 128MB RAM.

• Minimum Pentium 2 266 MHz

**SOFTWARE SPECIFICATION:**

• HTML

• CSS

• PHP

• JavaScript

• Cloud Computing.

**Team** **Members**:

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