

Learn latest Emerging Technologies on Cloud_2015

Narayan Sarkar¹, Stuti Agarwal²
¹MCA final year, ²Assistant Professor
^{1,2}Department of MCA,
The Oxford College of Engineering,
Bangalore, India

Abstract : This project offers online training to the candidate using cloud platform. The trainee gets their study material through online whose has register themselves with which is near by their area. We proposed a web portal which link with learn on cloud and the candidate. The Proposed system name "LEARN LATEST EMERGING TECHNOLOGIES ON CLOUD_2015". The web portal hosted on cloud. Can access by anybody, any time, any where. The dynamic web sites has three main roles there are Admin, candidate and center Head. Admin the controller of the site who can upload, delete and handle the page settings .candidate is user of the site allowed learn, post their queries, test their sample coding using the available compilers .center head can monitor and give permission for the candidate and technical trainer. As like admin a permitted trainer can answer the candidate's queries and upload the learning material. Candidate can be permitted until his training period. Learn on cloud designed for supports wide variety of content domains and friendly delivery presentation. The Cloud based learning system also has self quizzes to cement rotation. Learn on Cloud has existing system which is in static. To provide online based training based on current IT trends as well the requirement of The web application has designed using HTML, CSS, JavaScript and J2EE. Used java as code behind .MySQL server for backend

Keywords : *Cloud Technology , HTML.CSS.*

I. INTRODUCTION

The purpose of Learn Latest Emerging Technologies On Cloud(LLETTC) application is to provide a virtual class room to student. Once a student subscribes for the Online Courses, so they can access the learning materials for the particular course which he subscribed.

The fundamental goal of this venture is to furnish the understudy group with an opportunity to learn utilizing the

all-overrunning web. Planned to add to this framework utilizing the most recent web advancements in order to make it stage free. Till now learning has been constantly instructional in configuration and executions, Instructional Designs envisions and arrangements for understudy encounters in a static situation where educator input and illumination may be postponed. LLETTC is a Web based Application that hosted on Cloud Environment, which provides the subscribed students to get the learning facilities from any computer connected through the Internet. The website is designed in a way that it can be easily extended to provide more features and so that it can work according to every potential user.

The framework spurs the e-learner client in their learning procedure at whatever time and anyplace at his/her own particular pace while moving with the assistance of electronic contraptions like PC, Smart telephones, PDA tablets and so on. The distributed computing is the accumulation of server conveying assets that can be gotten to remotely by means of the Internet continuously. Learners can utilize the enormous intelligence of creative media and build up their abilities, information, and mindfulness for the future area. The advantages of these processing administrations can bolster training foundations to determines normal difficulties, for example, cost diminishment, simple correspondence, and, protection, security adaptability, availability.

II. EXISTING SYSTEM

- Expensive
- There is no Audio Learning.
- There is no specific domain for computer science.
- Querying about particular info will take longer time.
- There may be overhead of storing the data .

III. ROPOSED SYSTEM

- This system is open source.
- This system included audio learning.
- Avoid Paper material
- Interact with industry professionals, who shall deliver and manage the program
- No timelines and deadlines.
- Learn at leisure, and from the comfort of your home, college, or office.
- Low cost
- Improved performance
- Benefits for students and teachers
- Easy to Access
- Secured Data
- Time saving
- One centralized access for records of user registration
- No one except the admin has access to the records of user registration.

IV. IMPLEMENTATION

Usage is the phase of the venture where the hypothetical plan in transformed into a working framework. At this stage the fundamental work stack, the best change and the significant effect on the current framework movements to the client division. On the off chance that the execution is not precisely arranged and controlled, it can bring about mayhem and perplexity.

Execution incorporates each one of those exercises that occur to change over from the old framework to the new one. The new framework may be absolutely new, supplanting a current manual or mechanized framework or it might be a noteworthy change to a current framework. Fitting execution is key to give a dependable framework to meet the association necessities. Effective usage may not ensure change in the association utilizing the new framework, yet inappropriate establishment will forestall it.

V. FUNCTIONAL OBLIGATION

1. USER

The system will be having 2 roles – Student and Administrator.

There will be a set of permissions associated with each role.

- *Student*

This role enables the user to register for courses, submit feedback, take online test.

- *Administrator*

This role enables the user to manage users besides performing other administrative tasks such as monitoring the system operation, introducing new technology, customised reports etc.

- Every user who is using the application should be able to operate computer system with application handling.
- The application is developed in English language and its interface is in English.

VI. FUNCTIONAL REQUIREMENTS

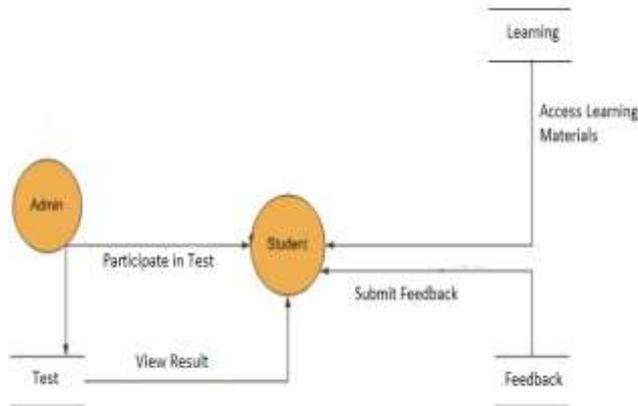
Login Functionality: The login functionality enables the application to distinguish between the regular admin. When the admin is logged in to the application the application allowed to do insert, update, delete, view or overall access to change the database of the student.

MDI Interface: The MDI Multiple Document Interface provides a unique way to access the application at one window. The MDI integrate all the forms into single window to provide user friendly functionality.

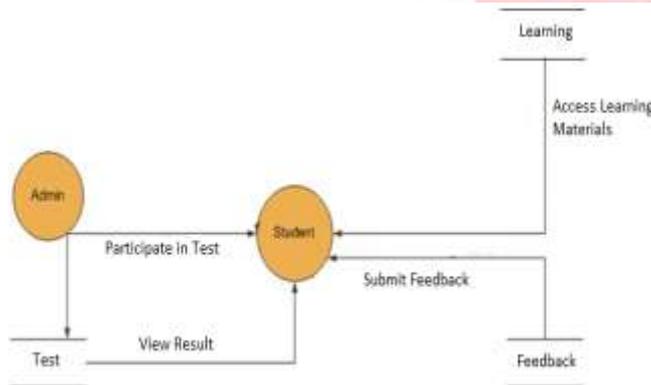
Windows Form: The MDI contain different form Module to act as the child interface to the parent MDI. Each form is associated with the unique form task which is handled by the individual form itself.

VII. CONTEXT DIAGRAM

At Admin level



At End User level



- The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.
- It works effectively in Google chrome when compare to other browsers

X. SCOPE FOR IMPROVEMENT

The project Learn Latest Emerging Technologies on Cloud_2015 application has met the standard required to work as desktop applications. If the business logic remains same the project can be ported to any level of applications with minor changes in the working procedure of the project. The application can be improved in the future version.

XI. FUTURE ENHANCEMENTS

The future enhancement can be as:- *Introducing a module which has the facility to upload the data by user.*

- Record the data for user who paid the money.
- Record the buying of books.
- Provide the subject wise practice test for all the students.
- Develop a system that provides materials, e-Books, Presentations and Seminar topics for all the students.

XII. REFERENCES:

- [1] *The Complete Reference*, Seventh Edition. Herbert Schildt. Programming with *java*. Understanding MYSQL Internals.
- [2] Utpal Jyoti Bora, Majidul Ahmed, E-Learning using Cloud Computing, International Journal of Science and Modern Engineering (IJISME) ISSN: 2319-6386,
- [3] *The Web Applications* By Thomas B Sebesta ,

VIII. CONCLUSION

The Conclusion of the system is to develop a system which provides all the materials for the computer basics, programming languages and other computer related subject in three scenarios such as text, audio, video and also this system provides the placement papers for some IT companies.

IX. LIMITATIONS:

- Registered users can learn in this system.
- This system provides materials for computer related students.