Comprehensive Group Study Environment on Cloud

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Abstract- Many college professors agree that group study enhances students' performances, both in class discussions, as well as on tests. Group study also encourages students to explain things aloud. By speaking to and listening to others, students often improve on recall ability, or ability to remember information on test day. Students who study with others are also forced to become more organized. This project will be deployed on cloud. But what is a cloud??? Cloud computing architectures have the ability to scale to suit user demand and traffic spikes quickly. Developers don't have to constantly re-engineer their environment and cost structures to handle peak loads. Instead, with cloud computing, they can truly focus their resources on developing their applications and sites.

Keywords – Group Study, Cloud Computing

I. INTRODUCTION

In recent years there are several online group study applications on internet but the drawback in it is there is no provision where the user can share his desktop with his friends. Apart from sharing the desktop, as students divide the topics and study there is no way where they can share their thoughts, suggestions on certain topics verbally. The purpose of creating this project is, the user can create the groups, join the groups. By this way user can divide the topic into modules , records audio files, share the audio files to all the group members , share their knowledge and posts comments , providing white board concept for pictorial explanation.

II. PROPOSED SYSTEM

Here, by introducing Team viewer where the users can share the desktop. Here certain topic is divided in a group of students where in each sub topic have to be explained to each other in the course of study. The explanation, suggestions are recorded using java and the answer is tagged and saved for respective topics. Hence by doing this we are making the group study more interactive and more beneficial for the students.

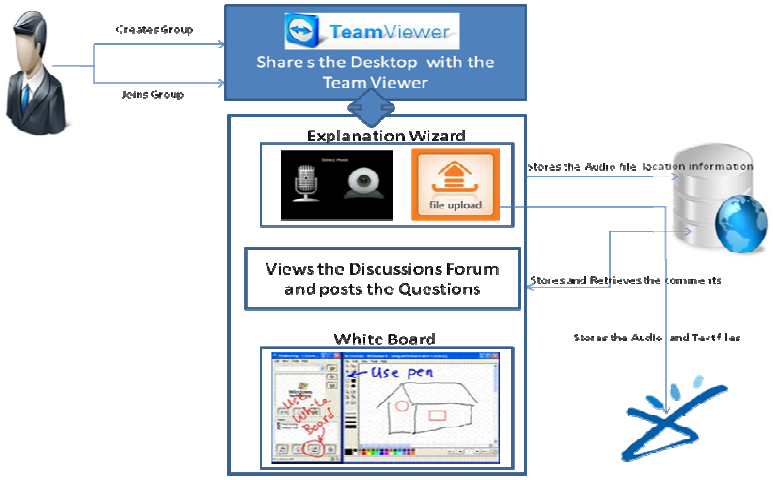


Figure 1. Architecture

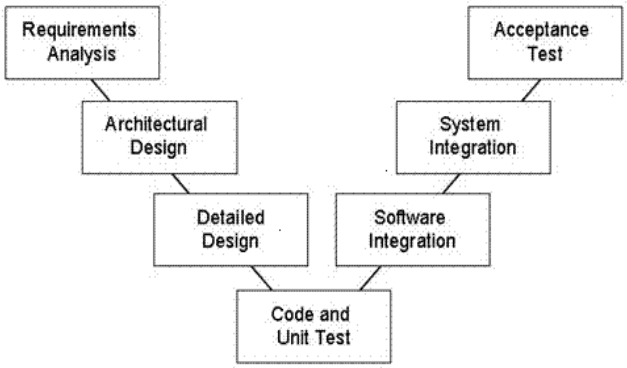
On the basis of such considerations, the system uses a different color image multiplied by the weighting coefficients of different ways to solve the visual distortion, and by embedding the watermark, wavelet coefficients of many ways, enhance the robustness of the watermark.

A. Life Cycle Model–

This project uses **V Model**.

The V-model is a software development process which can be presumed to be the extension of the waterfall model. Instead of moving down in a linear way, the process steps are bent upwards after the coding phase, to form the typical V shape. The V-Model demonstrates the relationships between each phase of the development life cycle and its associated phase of testing.

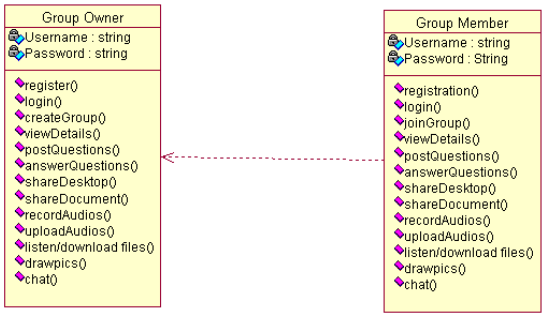
The V-model deploys a well-structured method in which each phase can be implemented by the detailed documentation of the previous phase. Testing activities like test designing start at the beginning of the project well before coding and therefore saves a huge amount of the project time.



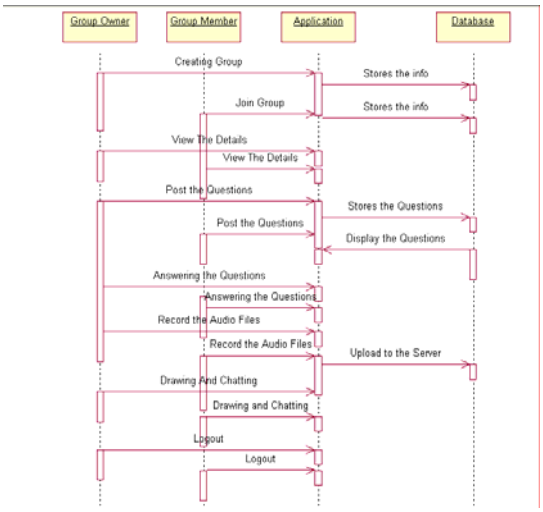
V Lifecycle Model

A. Sample UML diagrams

1.Class Diagram



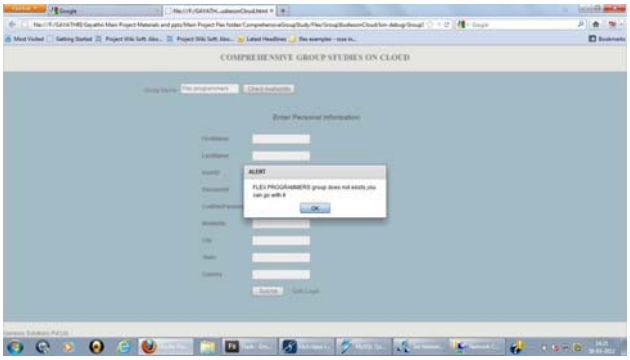
2.Sequence Diagram



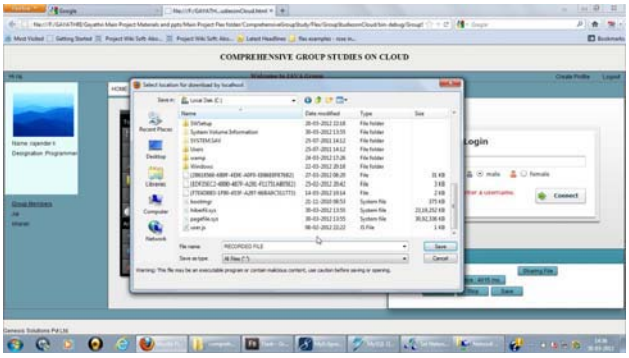
III. EXPERIMENT AND RESULT

The test set for this evaluation experiment has randomly given the values to determine the perfection of the experimen.The PC for experiment is equipped with an Pentium 4 Processor and 512MB of RAM.

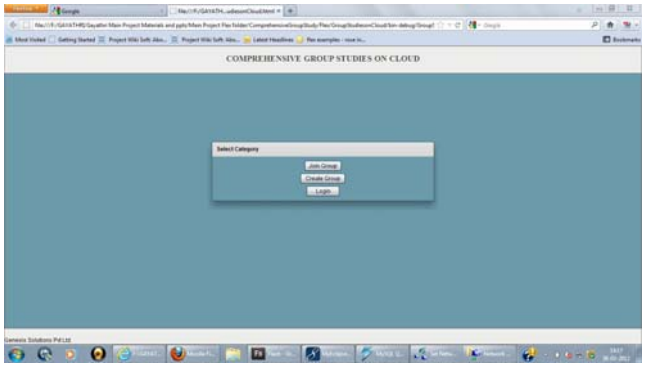
The proposed scheme is tested using randomly given values. From the simulation of the experiment results, we can draw to the conclusion that this method is robust to many kinds of situation and here we registered into the AMAZON elastic cloud and we deployed our project onto it



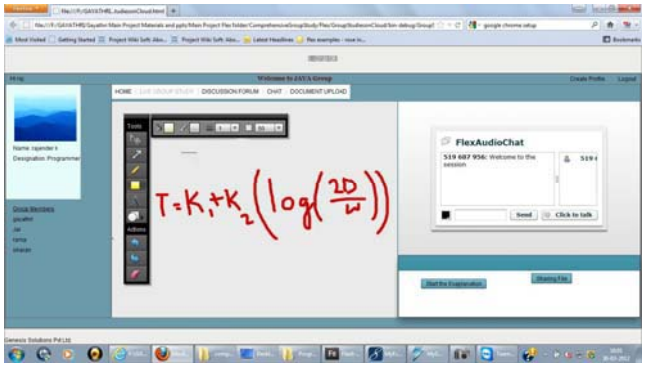
a) Home Screen.



b) Group Creation Form



c)White Board Concept



d)Recording the Audio Form

IV.CONCLUSION

Comprehensive group study environment on Cloud Learning is sufficiently flexible that it can be used at all level of education. Learning methods have proven effective in increasing motivation for learning and self-esteem, redirecting attributions for success and failure, fostering positive feelings toward classmates.

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