



## VIRTUAL QUESTION PAPER

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### ABSTRACT:

*The main aim is to give important concepts at the time of examination. Suppose the day before examination, students search for the previous papers for important questions. For that purpose, we implement an application named "VIRTUAL QUESTION PAPER" which is for saving time instead of wasting the time in searching for previous papers important questions.*

*In this paper we discuss about how to design according to semester wise important concepts based on their respective year and department. We are providing the important concepts in one application. Based on the user's ratings to the concepts the concepts are positioned in order. This application is very useful to the students at the time of examination.*

### INTRODUCTION

#### Data Mining:

Analysis of data is a process of inspecting, cleaning, transforming, and modeling data with the aim of discovering useful information and specifying conclusions, and supporting decision-making. Data analysis has multiple uses and approaches together with miscellaneous techniques under a number of names, in different business, science, and social activities.

Data mining is a particular data analysis technique that focuses on modeling and knowledge discovery for predictive rather than purely descriptive purposes. The term data analysis is sometimes used as a synonym for data modeling.

**Virtual Question Paper:** It is the imaginary paper developed for the students to reduce their time to search for the previous question papers before the examination time.

In our project we have two modules named User and Admin.

**User:** User can register into the website and login into the website and he can select the concepts related to their respective year and department and he can view the concepts and can give feedback and then logout.

**Admin:** Admin can login and post the questions and arrange topics based on rating and view users and papers and finally logout.

#### Functionalities:

1. Easy to access.
2. Rating method to avoid confusion.
3. Sorting of concepts.

A user is checked for authentication by user name and password.

**The database is perfectly designed sticking to the rules of Data Consistency, Data Dependency, Non Redundancy and Data Integrity.**

## RELATED WORK

### RATING:

In this we are mainly used the concept called RATING. Based on this rating given by the user the concepts will interchange their places and display in a descending order. Up to five we can give the rating to the concepts. It is very useful to the users to search for best concept which is rarely asked by an examiner in examinations.

### Existing System:

The present system is that if you want important concepts at the time of examination. We should search for previous papers in internet in various sites. Sometimes we can't get through all previous question papers. If you find the questions we should search for the topics. It results in wastage of time.

### Disadvantage:

If we want the important concepts we want to search for previous papers which is takes a huge amount of time in searching the concepts.

### Proposed system:

The proposed system is to reduce the stress and time wastage during the examination time of students. In our project we designed according to semester wise important concepts based on their respective year and department. We are providing the important concepts in one application. Based on the user's ratings to the concepts the concepts are positioned in order. This application is very useful to the students at the time of examination.

### Advantages

1. Decreasing the stress on students.
2. Easy searching for important concepts.
3. Easy to access.

### IMPLEMENTATION

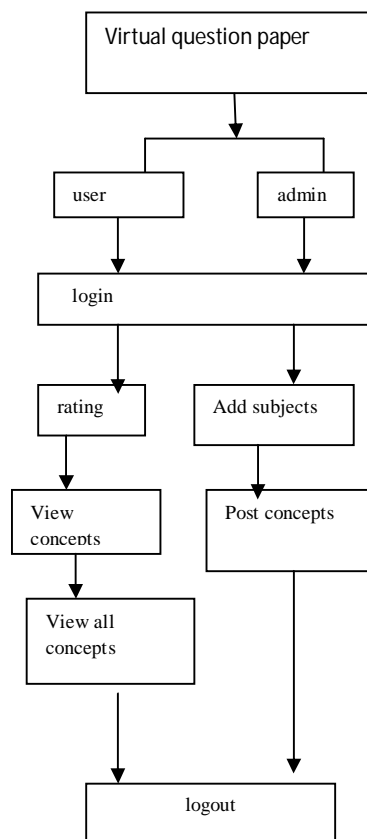
1. Understanding the algorithm.
2. Implementing a first draft of the algorithm step by step.
3. Testing with other input files.
4. Cleaning the code.
5. Optimizing the code.

6. Comparison of the performance with other implementations of the same algorithm / peer review.

### Procedure of Virtual Question Paper

1. Register the User and Admin.
2. Login User and Admin.  
if userid,password valid then  
goto the home page.
3. In user home page
  - a. View Questions.
  - b. Given rating to the Concepts.
  - c. Submit.
4. If it is successfully posted then user get a message.
5. Logout.
6. In Admin home page.
  - a. View students.
  - b. Post concepts.
  - c. View paper.
  - d. View high rating paper.
- 7.If it successfully posted then admin get a message.
- 8.Logout.

### BLOCK DIAGRAM



## **FUTURE ENHANCEMENT**

The future enhancement of our project aims at making it more efficient by applying to all parts of examination fields like various Government sector exams, banking exams and various competitive exams by generating mock question papers based on the number of times the questions appearing in the examinations conducted yearly which would be very beneficial to the candidates for their fast revision before there examinations for securing good ranks in their examinations which would save their time and reduce stress.

The other future enhancement to our project is creating **objective online exam portal** for various competitive examinations like GRE, GMAT, GATE, CAT, UPSC examinations, private sector examinations, banking sector examinations. As all the competitive examinations are of objective type questions so by providing a separate portal for such examinations where the candidates can practice and prepare for their exam for improving their conceptual knowledge by making them to practice with the questions which have been appeared most times in the original question papers conducted yearly.

## **CONCLUSION**

By this application we can generate a paper based on all the user assumptions and this is very useful to the students during the examination time. In this project we implement a rating method which is useful to avoid confusion to search for a concept which is important at the time of examination.

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