

# Online Examination Test

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## ABSTRACT

*On-line examinations contents providers to focus on creating effective assessment questions and focusing on exam's feedback delivery to students. In the paper we present techniques that are pertinent to the elements of assessment process: answers submission, computerized grading, and feedback after submission. As the modern organizations are automated and computers are working as per the instructions, it becomes essential for the coordination of human beings, commodity and computers in a modern organization. The administrators, instructor, Students who are attending for online examination can communicate with the system through this projects, thus facilitating effective implementation and monitoring of various activities of Online Examinations like conducting Exams as per scheduled basis and delivering result to that particular use or student. And the details of students who attempted Online Examination are maintained at administrator.*

## 1. DESIGN

Design is the first step in the development phase for any techniques and principles for the purpose of defining a device, a process or system in sufficient detail to permit its physical realization.

Once the software requirements have been analyzed and specified the software design involves three technical activities - design, coding, implementation and testing that are required to build and verify the software.

The design activities are of main importance in this phase, because in this activity, decisions ultimately affecting the success of the software implementation and its ease of maintenance are made. These decisions have the final bearing upon reliability and maintainability of the system. Design is the only way to accurately translate the customer's requirements into finished software or a system.

Design is the place where quality is fostered in development. Software design is a process through which requirements are translated into a representation of software. Software design is conducted in two steps. Preliminary design is concerned with the transformation of requirements into data.

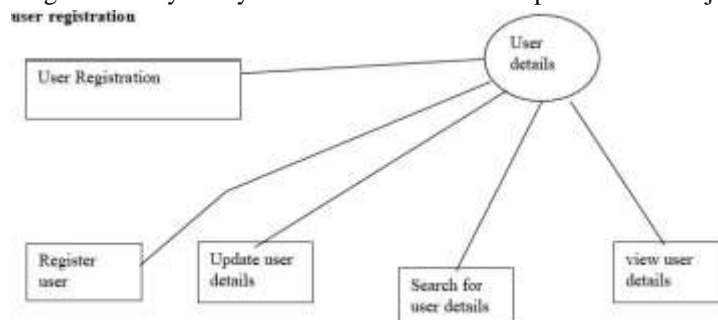
### 1.1 data flow diagram

The DFD takes an input-process-output view of a system i.e. data objects flow into the software, are transformed by processing elements, and resultant data objects flow out of the software.

Data objects represented by labeled arrows and transformation are represented by circles also called as bubbles. DFD is presented in a hierarchical fashion i.e. the first data flow model represents the system as a whole. Subsequent DFD refine the context diagram (level 0 DFD), providing increasing details with each subsequent level.

The DFD enables the software engineer to develop models of the information domain & functional domain at the same time. As the DFD is refined into greater levels of details, the analyst perform an implicit functional decomposition of the system. At the same time, the DFD refinement results in a corresponding refinement of the data as it moves through the process that embody the applications.

A context-level DFD for the system the primary external entities produce information for use by the system and consume information generated by the system. The labeled arrow represents data objects or object hierarchy.



Database



## 2. MODULES:

1. ADMIN MODULE
2. INSTRUCTOR MODULE
3. STUDENT MODULE

### 1. ADMIN MODULE:

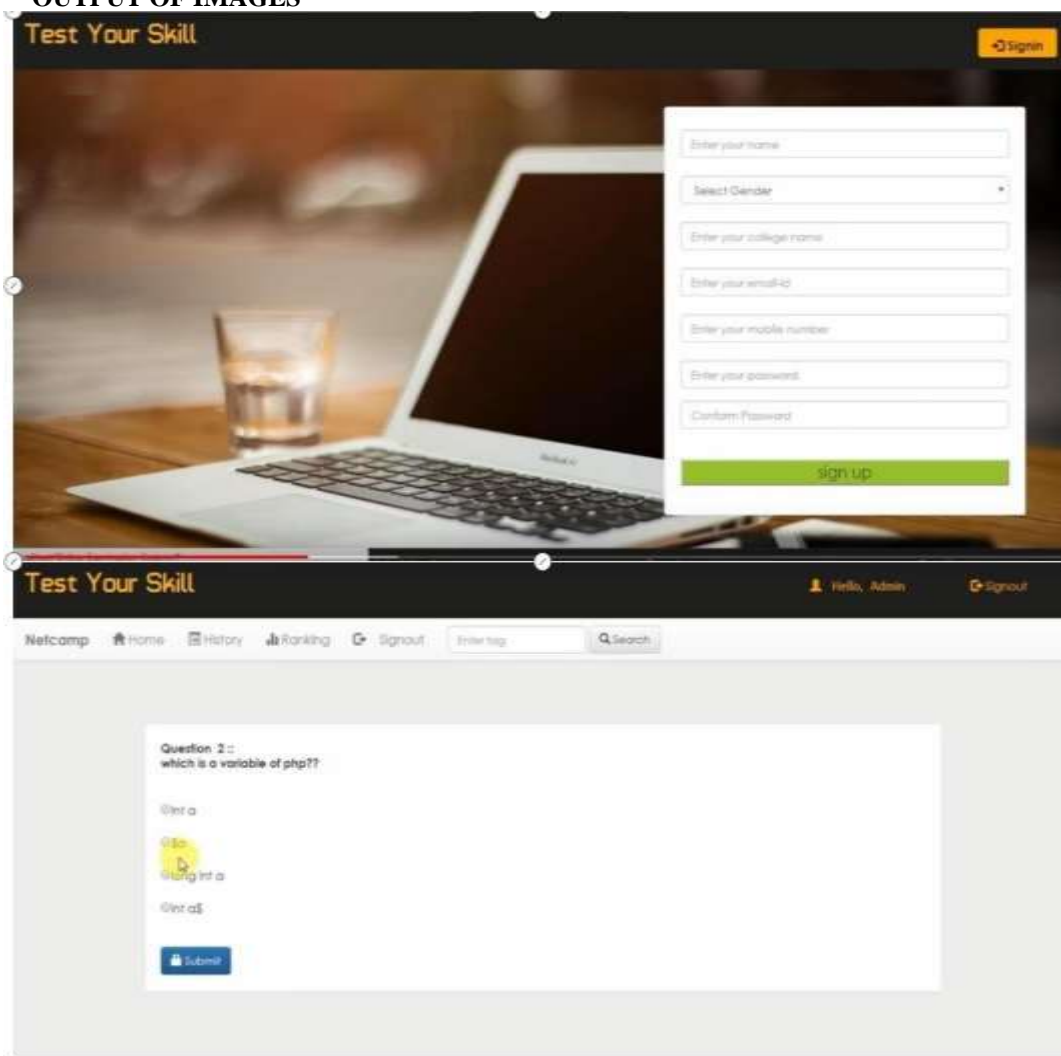
- REGISTER
- LOGIN
- CHANGE PASSWORD&FORGOTPASSWORD
- STUDENT -MODIFYING DETAILS
- DEPARTMENTS-ENTERING/MODIFYING DETAILS
- INSTRUCTOR DETAILS-MODIFYING DETAILS
  - **Register** : to be authenticated first have to be registered.
  - **Login** : the registered user can be allowed to view inner details for which he permitted
  - **Change password & forgotpassword**: user has rights to modify his login details& also be informed through mails if he is unable to login.
  - **Student - modifying details**: user can be modified to change status of each user.
  - **Departments** - entering/modifying details: new departments adding and old departmentd deletions are spendby this user.

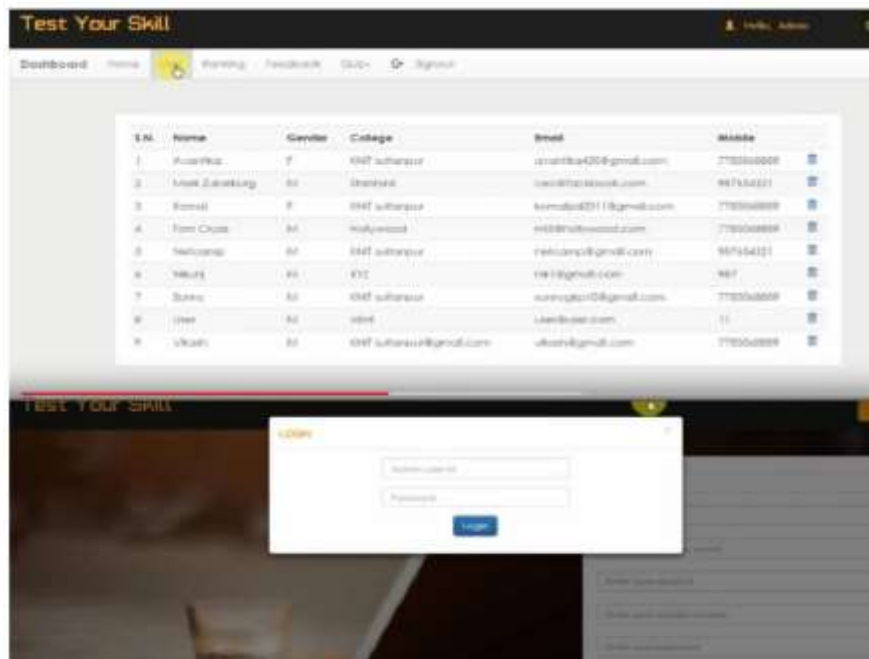
### 2. INSTRUCTOR MODULE:

- Register
- Login
- 3change password&forgot password
- Add questions-departments verifying.
- Update questions -departments verifying
- Create exams
- Update exams
- few exam details- view no of registered students
- View no of attended students 9.evaluate question:multiple choice tue/false
  - **REGISTER** : To be authenticated first have to be registered.
  - **LOGIN** : The Registered User Can be Allowed to view inner details for which he Permitted
  - **CHANGE PASSWORD&FORGOTPASSWORD** : User has rights to modify his logging Details& also be informed throughmails if he is unable to login
  - **ADD QUESTIONS-DEPARTMENTS VERIFYING** : According to flow of questions & Technology he can add questions intothe database.
  - **UPDATE QUESTIONS -DEPARTMENTS VERIFYING** : If any corrections in data of Questions he can modify them
  - **CREATE EXAMS**: He will be prepared schedule for exams periodically.

### 3. STUDENT DETAILS

- Register
- Login
- Take Exam- Multiple Choice True/False
- See Exam Results
- Logout
- **REGISTER:**To be authenticated first have to be registered
- **LOGIN :** The Registered User Can be allowed to view inner details for which be Permitted
- **TAKE EXAM- MULTIPLE CHOICE, TRUE/FALSE :** The registred student allowed to start Exam
- **SEE EXAM RESULTS :** After Completion of exam he can view at his result.
- **LOGOUT :** After the process of examination he turned to Logout page.
- **OUTPUT OF IMAGES**





#### 4. CONCLUSIONS

The package was designed in such a way that future modifications can be done easily. The following conclusions can be deduced from the development of the project.

- Automation of the entire system improves the efficiency
- It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- It gives appropriate access to the authorized users depending on their permissions.
- It effectively overcomes the delay in communications.
- Updating of information becomes so easier.
- System security, data security and reliability are the striking features.
- The System has adequate scope for modification in future if it is necessary.

#### 5. ACKNOWLEDGEMENT

We feel proud to present my investigatory project in management on the topic "study of management principles applied to a small scale industries, which aims at finding the initial and final setting time of Information."

This project wouldn't have been feasible without the proper and rigorous guidance of my management teacher who guided us throughout this project in every possible way. An investigatory project in every possible way an investigatory project involves various difficult lab experiments which have to be carried out by the student to obtain the observation and conclude the report on a meaningful note. These experiments are very critical and in the case of failure may result in disastrous consequences. Therefore, I would like to thank both for guiding me on a step-by-step basis and ensuring that I completed all my experiments with ease.

Rigorous hard work has been put in this project to ensure that it proves to be the best. I hope the best. I hope that this project will prove to be a breeding ground for the next generation of students and will guide them in every possible way.

#### 5. REFERENCES

The following books were referred during the analysis and execution phase of the project

##### Books Referred:

- [1] Beginning php 5 ---dave mercer
- [2] Black book html ---wiley dreamtech
- [3] Php and mysql web development --- lukewelling,laura
- [4] Microsoft sql server-2000 ---rankin, paul &jensen
- [5] Sql server-2000 --dusan petkovic