

ONLINE EXAMINATION MANAGEMENT SYSTEM

A Project Report Submitted in Partial Fulfillment of the
Requirements for the Degree of

BACHELOR OF TECHNOLOGY (COMPUTER SCIENCE AND ENGINEERING)

Submitted by:

Tanmaya Yadav (2K18/CO/368)
Tanuj Chandolia (2K18CO/369)

Guided by:

Prof. Prashant Giridhar Shambharkar

Assistant Professor



DELHI TECHNOLOGICAL UNIVERSITY
BAWANA ROAD, DELHI - 110042

INDEX

S.No	Topic	Page No
1	Abstract	3
2	Objectives	4
3	Introduction	5
4	Proposed Work	6
5	Tools & Technologies Used	8
6	Results	20
7	Conclusion	37
8	References	38

ABSTRACT

The purpose of Online Examination Management System is to automate the existing manual system by the help of computerized equipment and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

Online Examination System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather than concentrating on the record keeping. Thus it will help organizations in better utilization of resources. The organisation can maintain computerized records without redundant entries. This means that one need not be distracted by information that is not relevant, while being able to reach the information.

OBJECTIVES

- The main purpose of the system is to efficiently evaluate the candidate thoroughly through a fully automated system that not only saves a lot of time but also gives fast results and saves paper.
- It is a cost effective and popular means of mass-evaluation system.
- The faculty should be able to easily prepare tests and questions for each exam.
- The candidates, without any difficulty, can login through the client computers with their username and password provided to them by the administrator and can take the exam.
- A proper timer is enabled for the students giving the exam so that a hassle free submission can be made within the time constraints.
- Administrators can easily manage the database without any inconsistency and also are able to communicate directly with teachers and students using queries.

INTRODUCTION

Background of study:

Computerized and online systems have been increasing in every aspect of education. Information Technology plays a very important role in nowadays education. Computers and the internet have made dramatic changes in the education system. Information technology enables institutions of high learning to save time and money, and allow the delivery of education with ease, anywhere, and anytime.

Paper based books are replaced by online and off-line applications. With computer software, we can be able to have access to huge databases of information. This gives fundamental change to education. Information technology makes the exchanges of information fast and easily. In the modern era, technological progress has minimized the information in the world. Advancement of technology has many advantages in education and all business industries that use it. With the use of technological advances, the transaction became more rapid, accurate and efficient. As time goes by computers have become more useful for every transaction.

Xaminer is an Online Examination System Management application that is designed and developed for students and lecturers. The system helps students to take examinations. It also helps lecturers to upload the questions and answers in the database and they can see the students who fail or pass the exam.

Problem Statement:

The problem with the current system is that students take their exam manually. This outdated system will take a long time utilization; the manual procedure used for conducting exams is a time consuming process.

More time being used for lecturers to bring the questions papers and answer sheets and also more time is needed for students in order to write their exam. Students are not satisfied with the current system of taking the multiple choice examination. Using the manual procedure of conducting examinations we are destroying the environment by using more paper for question and answer sheets.

PROPOSED WORK

Research Methodology:

Main methodology activities held during the research is acquiring information and knowledge about the online examination system through reading books, and research. All the research materials were obtained over the internet, Wikipedia and other websites.

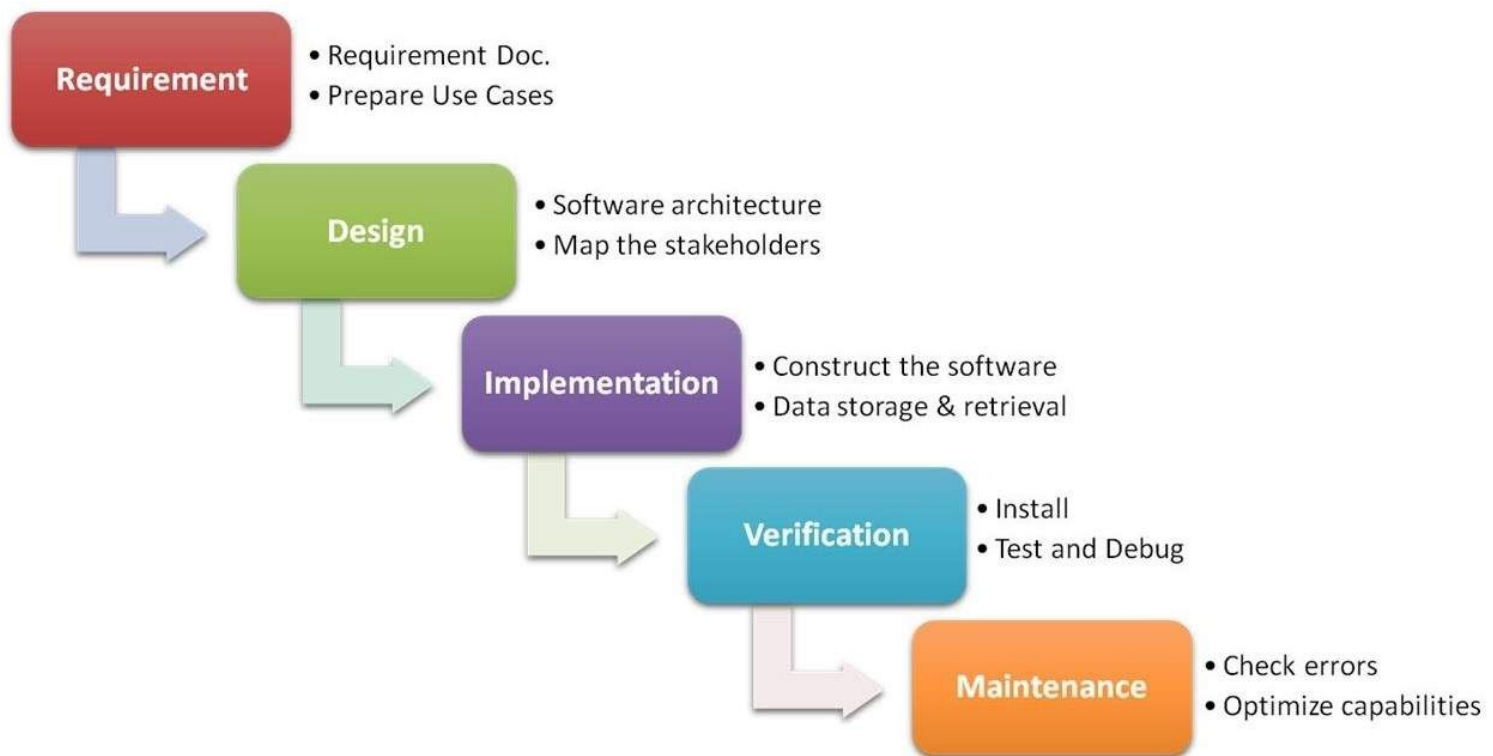
Next step taken is reading, comprehending and analyzing literature review and matching information obtained. This research emphasizes online examination systems, which include usability, user-friendly interface, reliability, costing and meeting needs of target users.

Process Model:

In order to give solutions to problems in an industry, a software developer or a team of developers must incorporate a development strategy that encompasses the process, methods and tools layers and generic phases. This strategy is often referred to as a process model or a software developing paradigm. A process model for software development is chosen based on the nature of project and application, the methods and tools to be used, and the controls and deliverables that are required. All software development can be characterized as a problem solving loop in which distinct stages are encountered. Regardless of the process model that is chosen for a software project, all of the stages coexist simultaneously at some level of detail.

The methodology chosen to develop this system is a Waterfall model approach. We opted for this method because we found that it is the best for our project.

1. The requirements for our system is constant and doesn't change regularly.
2. The project is short and the situation is calm.
3. The tools and technology does not change.
4. All the resources required are well planned and easily available.



1. Requirements analysis and specification phase: The aim of this phase is to understand the exact requirements of the customer and to document them properly. Both the customer and the software developer work together so as to document all the functions, performance, and interfacing requirements of the software. It describes the "what" of the system to be produced and not "how." In this phase, a large document called **Software Requirement Specification (SRS)** document is created which contains a detailed description of what the system will do in the common language.

2. Design Phase: This phase aims to transform the requirements gathered in the SRS into a suitable form which permits further coding in a programming language. It defines the overall software architecture together with high level and detailed design. All this work is documented as a Software Design Document (SDD).

3. Implementation and unit testing: During this phase, design is implemented. If the SDD is complete, the implementation or coding phase proceeds smoothly, because all the information needed by software developers is contained in the SDD.

During testing, the code is thoroughly examined and modified. Small modules are tested in isolation initially. After that these modules are tested by writing some overhead code to check the interaction between these modules and the flow of intermediate output.

4. Integration and System Testing: This phase is highly crucial as the quality of the end product is determined by the effectiveness of the testing carried out. The better output will lead to satisfied customers, lower maintenance costs, and accurate results. Unit testing determines the efficiency of individual modules. However, in this phase, the modules are tested for their interactions with each other and with the system.

5. Operation and maintenance phase: Maintenance is the task performed by every user once the software has been delivered to the customer, installed, and operational.

REQUIREMENTS ELICITATION TECHNIQUES:

Requirements elicitation is perhaps the most difficult, most error-prone and most communication intensive software development. It can be successful only through an effective customer-developer partnership. It is needed to know what the users really need.

Techniques that were used by us:

1. Surveys/Questionnaires - Leading a survey is an incredible method to find solutions to questions you can't answer by yourself. Questionnaires take into consideration data to be evoked from numerous individuals, which is vital if the venture has several partners. The ideal approach to this technique is by making a basic Google Form and offering it to the correct individuals, and whenever required, determining a due date.
2. Document Analysis: Document analysis is an extremely valuable requirements elicitation method which is generally utilized in the IT industry. This method is particularly significant when you are rolling out an improvement to a current structure like an upgrade or change request. Document analysis includes investigating down all the current documentation identified with the processor and the system.

TOOLS AND TECHNOLOGIES USED:

1. Sublime Text Editor: Sublime Text is a shareware cross-platform source code editor with a Python application programming interface (API). It natively supports many programming languages and markup languages, and functions can be added by users with plugins, typically community-built and maintained under free-software licenses.
2. MySQL: MySQL is an open source RDBMS that relies on SQL for processing the data in the database. MySQL provides APIs for the languages C, C++, Eiffel, Java, Perl, PHP and Python. In addition, OLE DB and ODBC providers exist for MySQL data connection in the Microsoft environment. A MySQL .NET Native Provider is also available, which allows native MySQL to .NET access without the need for OLE DB. MySQL is most commonly used for Web applications and for embedded applications and has become a popular alternative to proprietary database systems because of its speed and reliability. MySQL can run on UNIX, Windows and Mac OS. MySQL is developed, supported and marketed by MySQL AB. The database is

available for free under the terms of the GNU General Public License (GPL) or for a fee to those who do not wish to be bound by the terms of the GPL

3. PHP: HyperText Preprocessor (PHP) is a general-purpose scripting language especially suited to web development. It can generate dynamic page content. It can create, open, read, write, delete, and close files on the server. It can collect form data. It can send and receive cookies. It can add, delete, modify data in your database. It can be used to control user-access. It can encrypt data.
4. HTML and CSS: HTML (the Hypertext Markup Language) and CSS (Cascading Style Sheets) are two of the core technologies for building Web pages. HTML provides the structure of the page, CSS the (visual and aural) layout, for a variety of devices.
5. JavaScript: JavaScript, often abbreviated as JS, is a programming language that conforms to the ECMAScript specification. JavaScript is high-level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.
6. Twitter Bootstrap: Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains CSS- and JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components.

FUNCTIONAL REQUIREMENTS:

These are the requirements that the end user specifically demands as basic facilities that the system should offer. All these functionalities need to be necessarily incorporated into the system as a part of the contract.

1. Login/Logout Module: To assure the security of the system, the user should sign before starting using the system and sign out after he/she finishes.
2. Register: Admins should have the ability to register any new student or teacher that is to be added to the database.

3. Give Exams : Students should be able to appear for exams with ease and the answers submitted should be properly stored.
4. Create/Assign Exams: Teachers should have the ability of creating question papers; adding questions, deleting questions as well as the ability of assigning or unassigning question papers to all the students.
5. Help/Query: All the teachers should have the ability to directly communicate with the admin in case of any help or assistance is required.

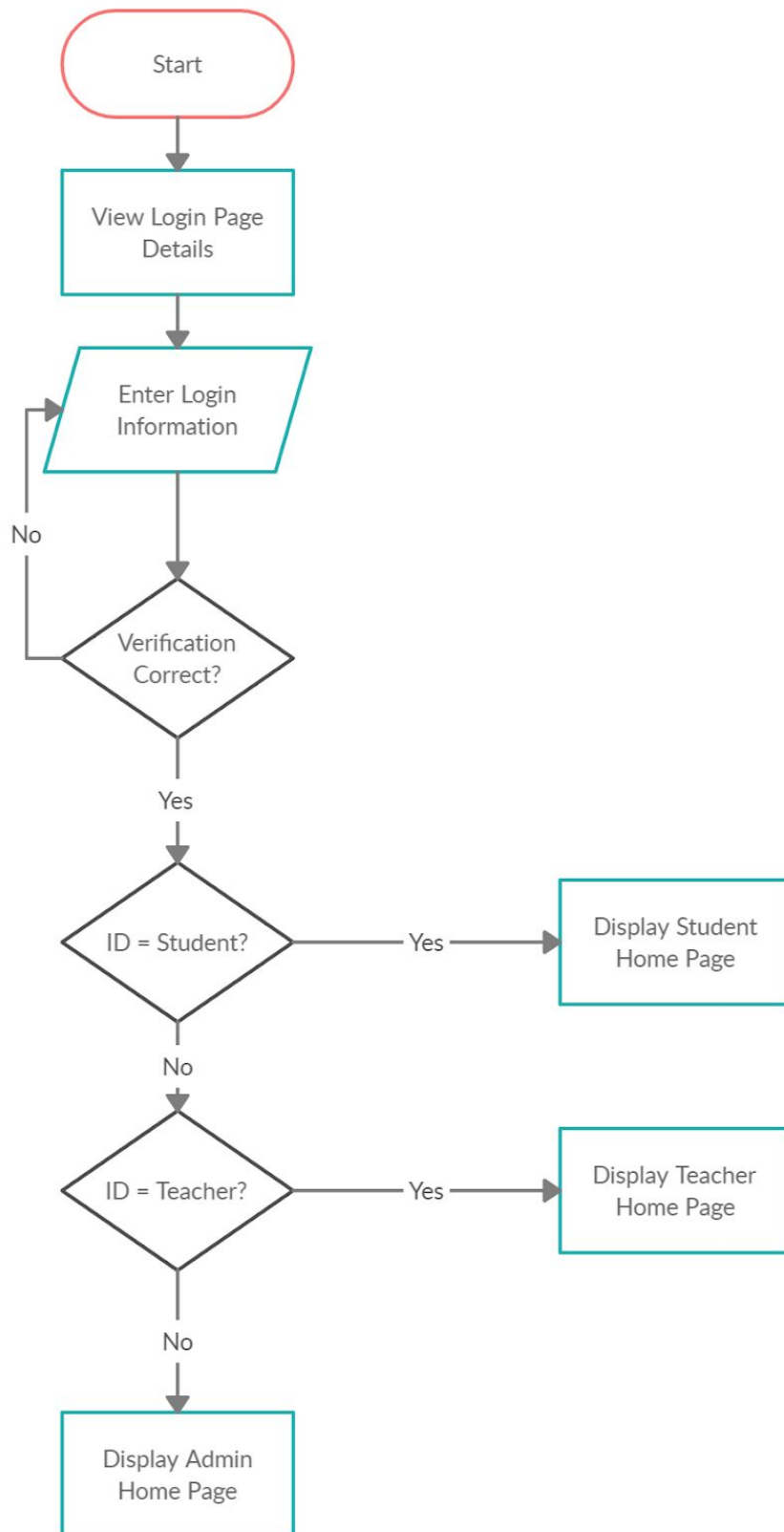
NON-FUNCTIONAL REQUIREMENTS:

These are basically the quality constraints that the system must satisfy according to the project contract. The priority or extent to which these factors are implemented varies from one project to another. They are also called non-behavioral requirements.

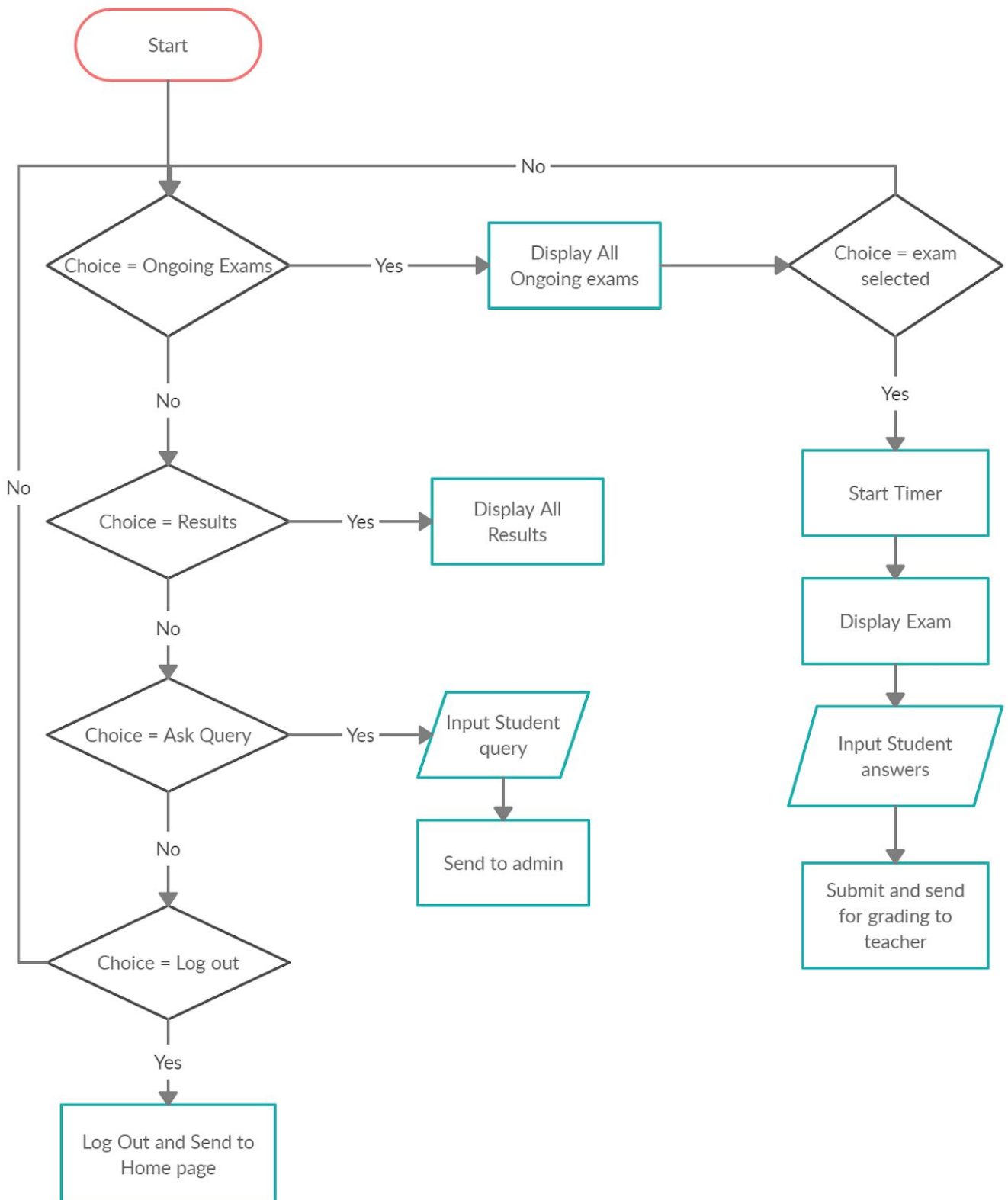
1. Reliability: The system can update its content in real time. Therefore, changes such as addition, deletion or modification can be done immediately. This ensures that the content of the system is up-to-date, reliable and can be trusted. The system will also be able to produce all related output to queries.
2. Availability: The system can operate 24 hours per week and 365 days a year. As long as the user does not shut down the desktop all the information will be kept in the database. Even if the desktop is shut off, information still exists in the database.
3. Security and safety: In order to avoid security and safety breach occur users need to login with username and password before they access the system. In the database they have recorded the username and password. Only registered users can access the system and use it.
4. Performance: The system performance is very fast. The processed transactions and event response time is quick. So users can do the transaction or any event without feeling stressed about waiting.
5. Efficiency: System should be efficient enough to meet all kinds of requirements as required by the lecturers and students. The system should not hang or lose its efficiency in any kind of worse conditions. It should provide the correct output in all manners.
6. User Friendliness: System should be user friendly, so that any user can use and access the system with ease.

FLOW CHART FOR THE SYSTEM:

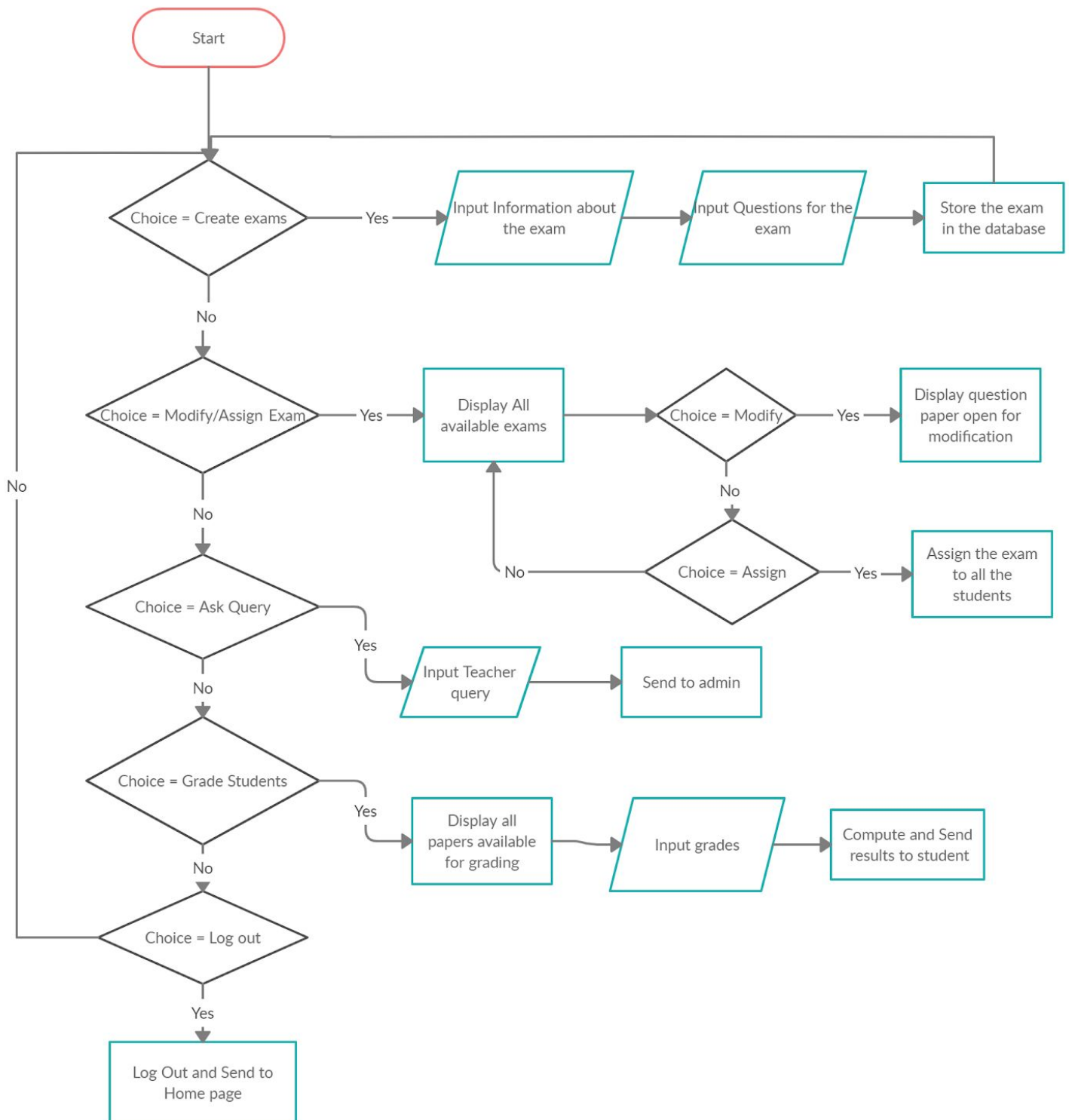
HOME PAGE/ LOGIN MODULE:



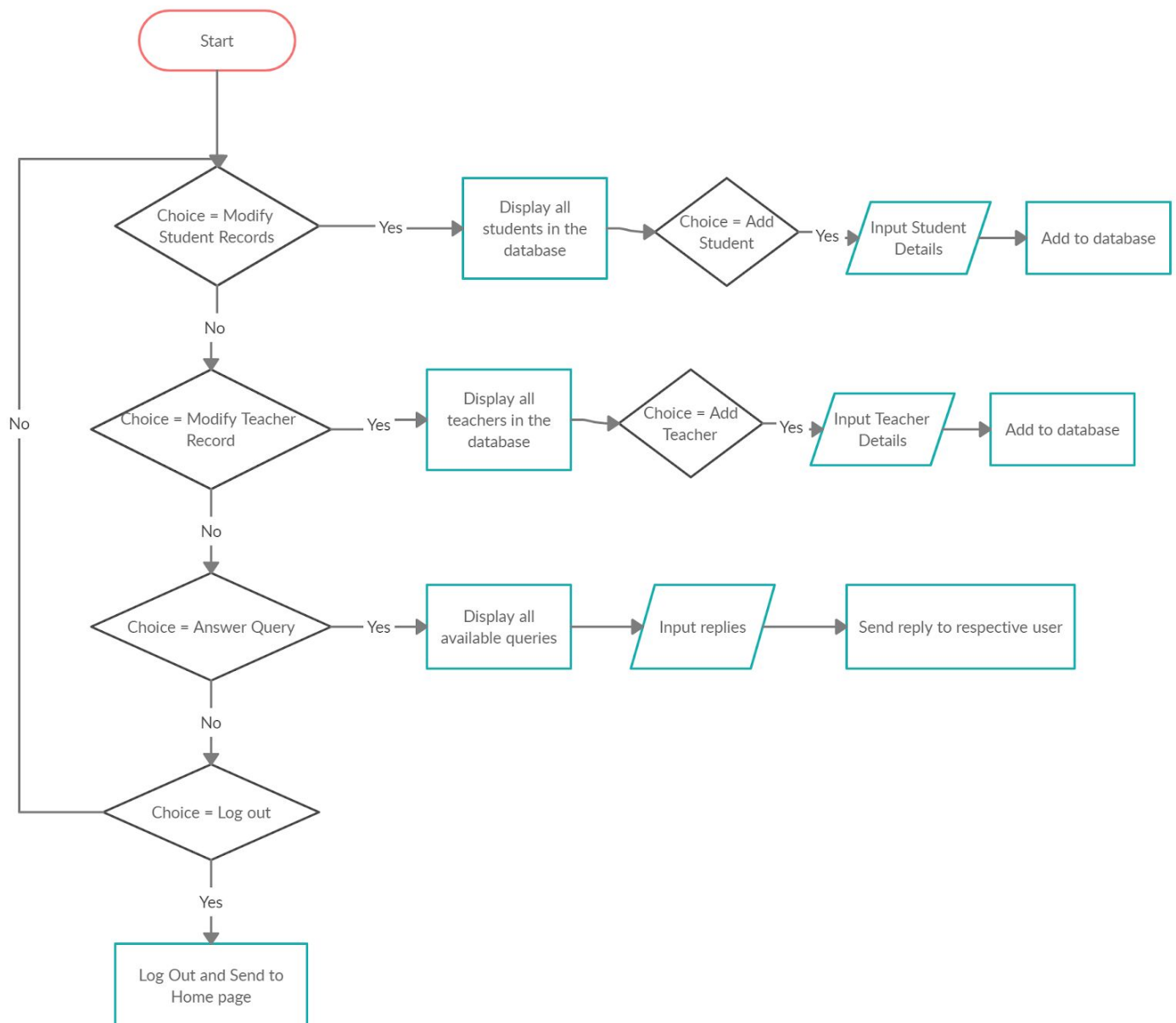
STUDENT HOME PAGE/ STUDENT MODULE:



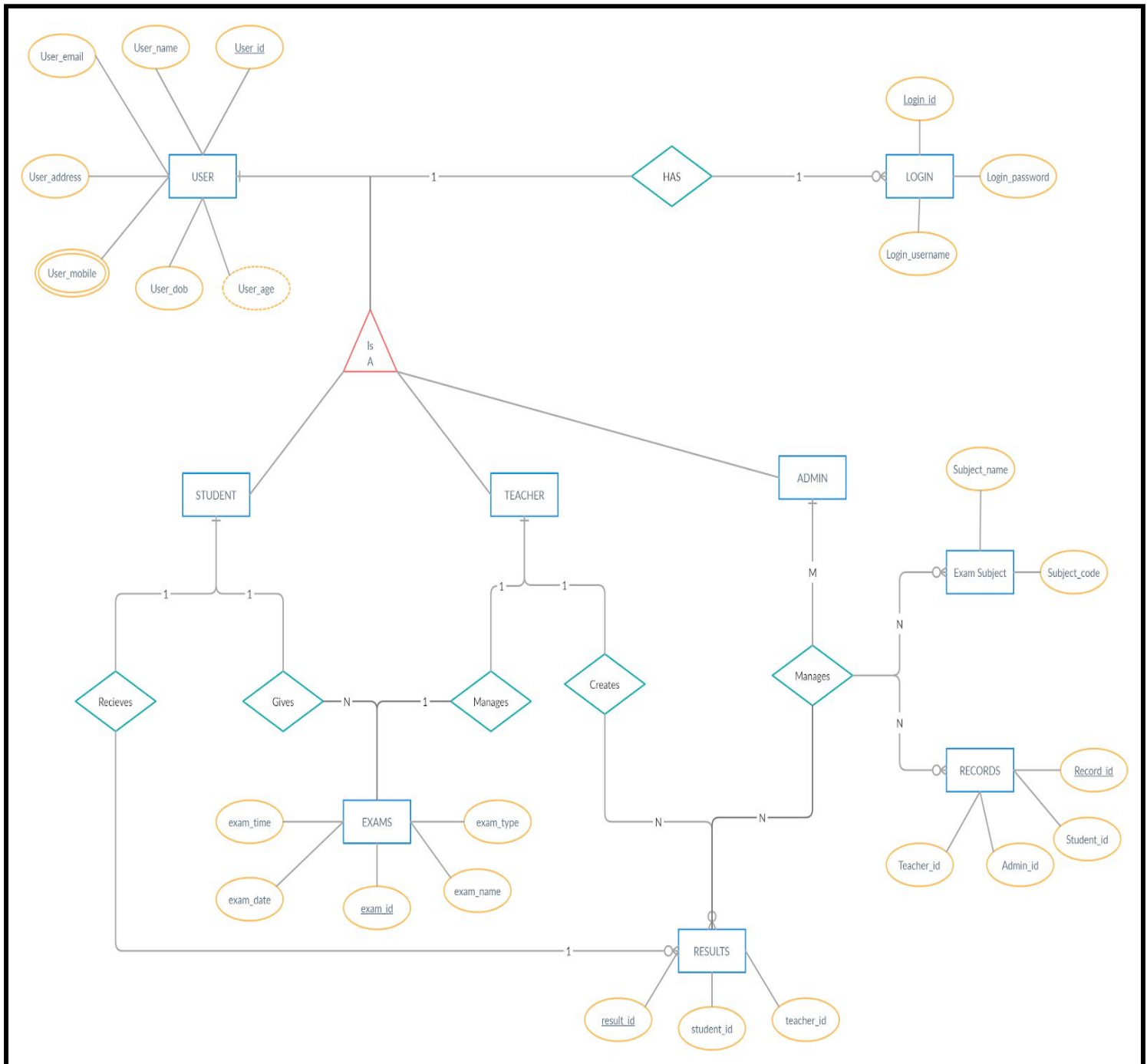
TEACHER HOME PAGE/ TEACHER MODULE:



ADMIN HOME PAGE/ ADMIN MODULE:

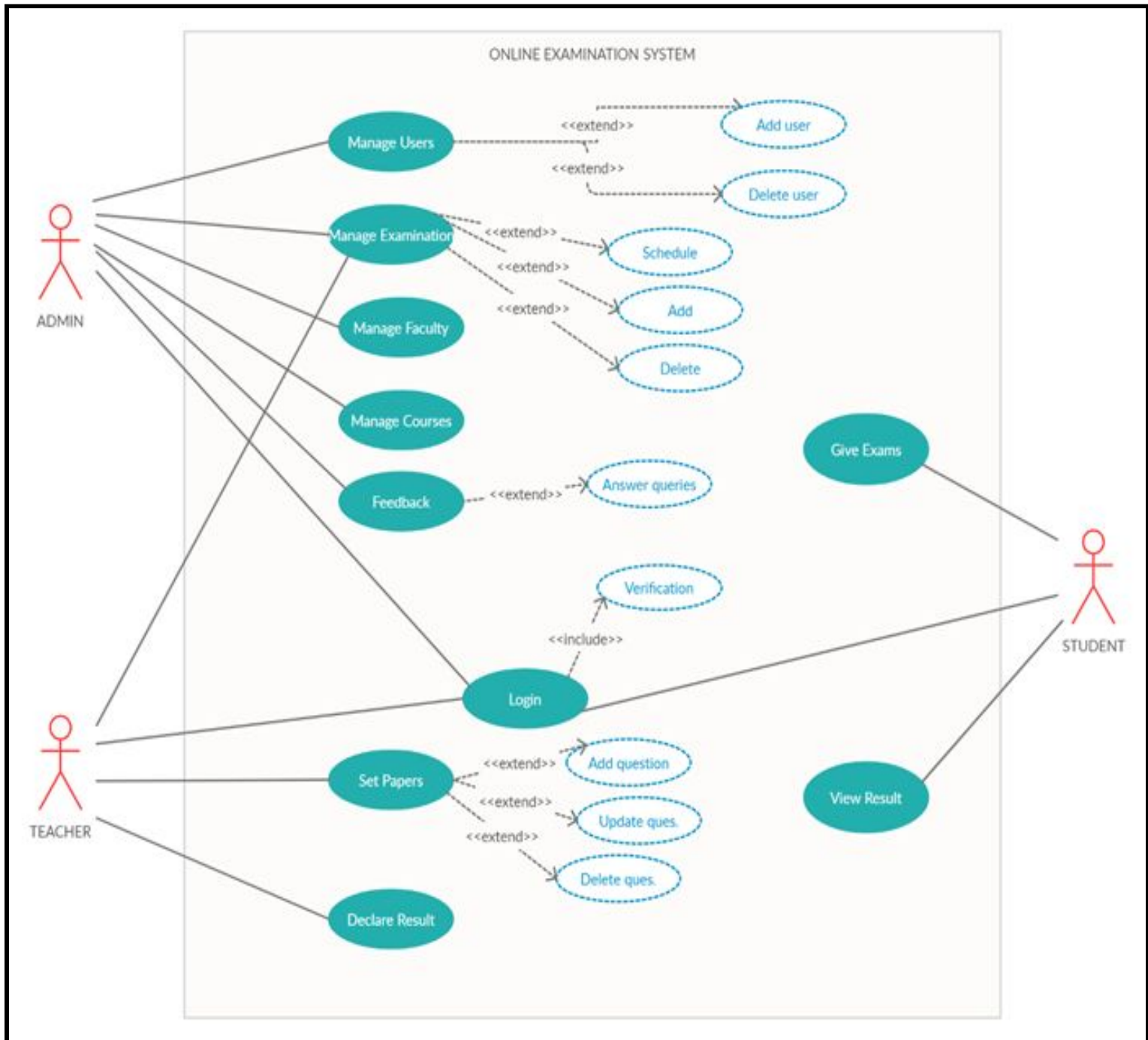


ENTITY RELATIONSHIP DIAGRAM:



USE-CASE DIAGRAM:

The unified modeling language used is a use case diagram. A use case is a set of scenarios that describes an interaction between a user and a system. A use case diagram displays the relationship among actors and use cases. The two main components of a use case diagram are use cases and actors. The actors in our system are students, teachers and admins. The use case diagram is designed in the following figure.



DATA FLOW DIAGRAMS:

Data flow diagram is a graphical representation of flow of data in an information system. It is capable of depicting incoming data flow, outgoing data flow and stored data.

The DFD does not mention anything about how data flows through the system. There is a prominent difference between DFD and Flowchart. The flowchart depicts flow of control in program modules. DFDs depict flow of data in the system at various levels. DFD does not contain any control or branch elements.

Types of DFD:

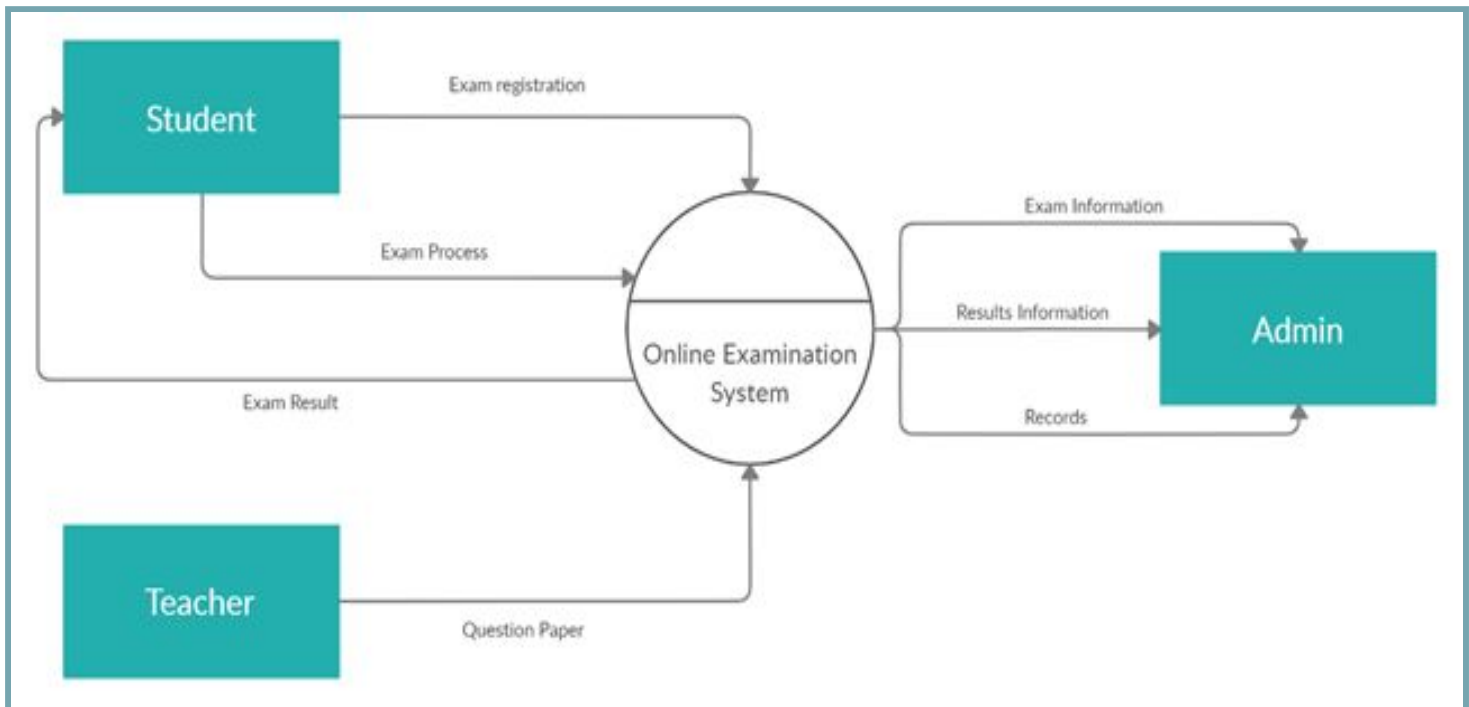
Data Flow Diagrams are either Logical or Physical.

- Logical DFD - This type of DFD concentrates on the system process, and flow of data in the system. For example in a Banking software system, how data is moved between different entities.
- Physical DFD - This type of DFD shows how the data flow is actually implemented in the system. It is more specific and closer to the implementation.

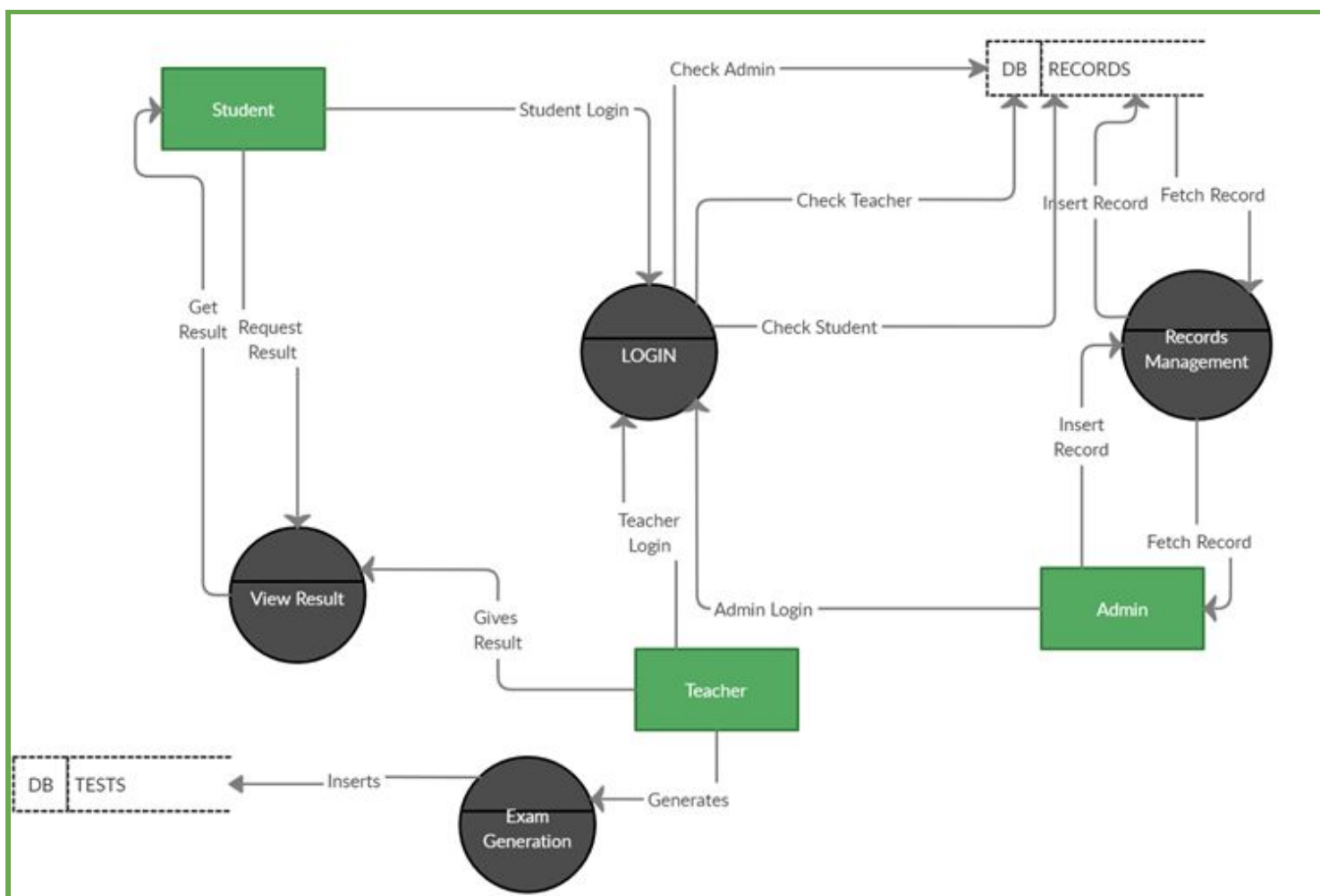
Levels of DFD:

- Level 0 - Highest abstraction level DFD is known as Level 0 DFD, which depicts the entire information system as one diagram concealing all the underlying details. Level 0 DFDs are also known as context level DFDs.
- Level 1 - The Level 0 DFD is broken down into more specific, Level 1 DFD. Level 1 DFD depicts basic modules in the system and flow of data among various modules. Level 1 DFD also mentions basic processes and sources of information.
- Level 2 - At this level, DFD shows how data flows inside the modules mentioned in Level 1. Higher level DFDs can be transformed into more specific lower level DFDs with deeper level of understanding unless the desired level of specification is achieved.

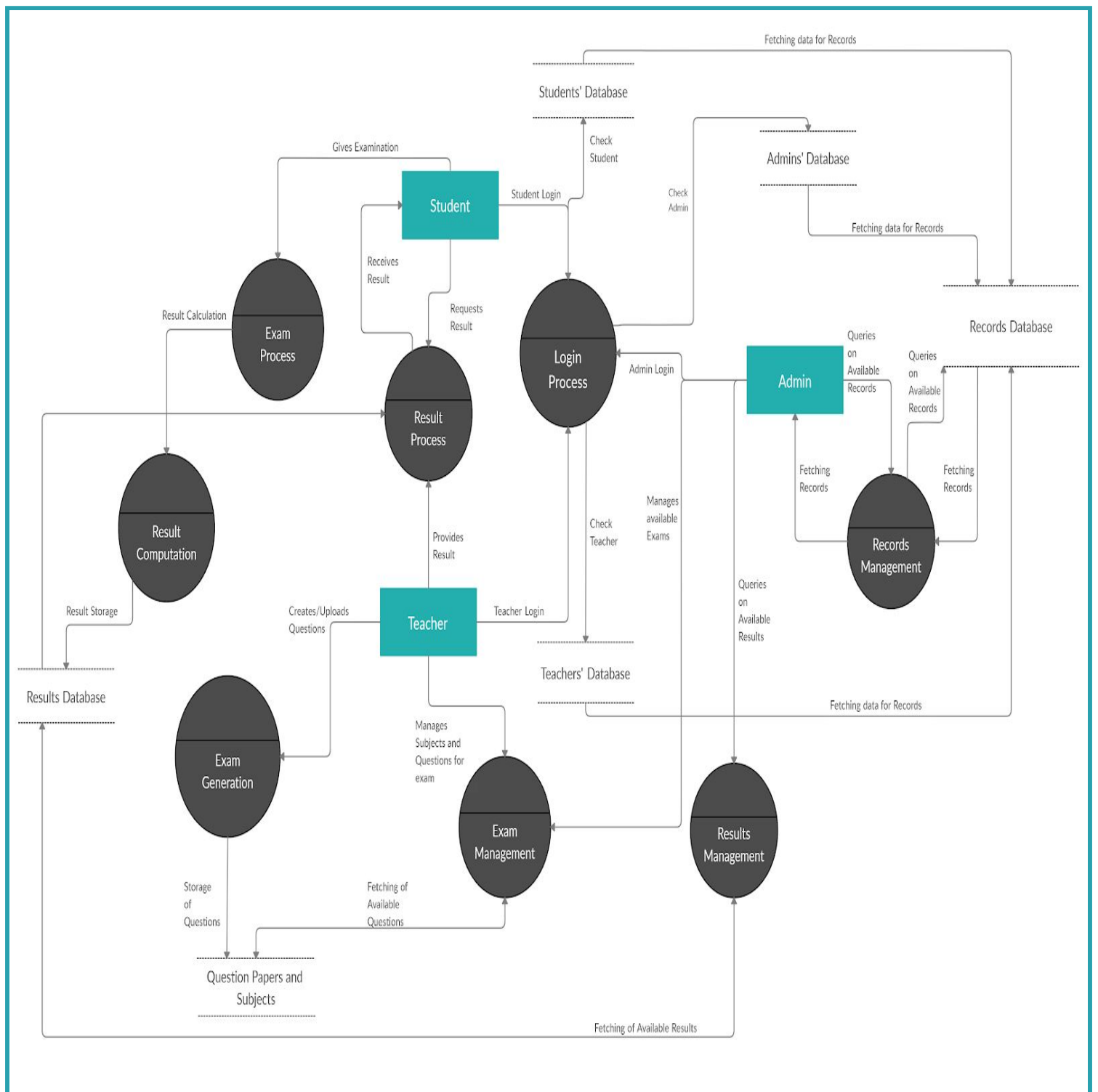
LEVEL 0 DFD:



LEVEL 1 DFD:

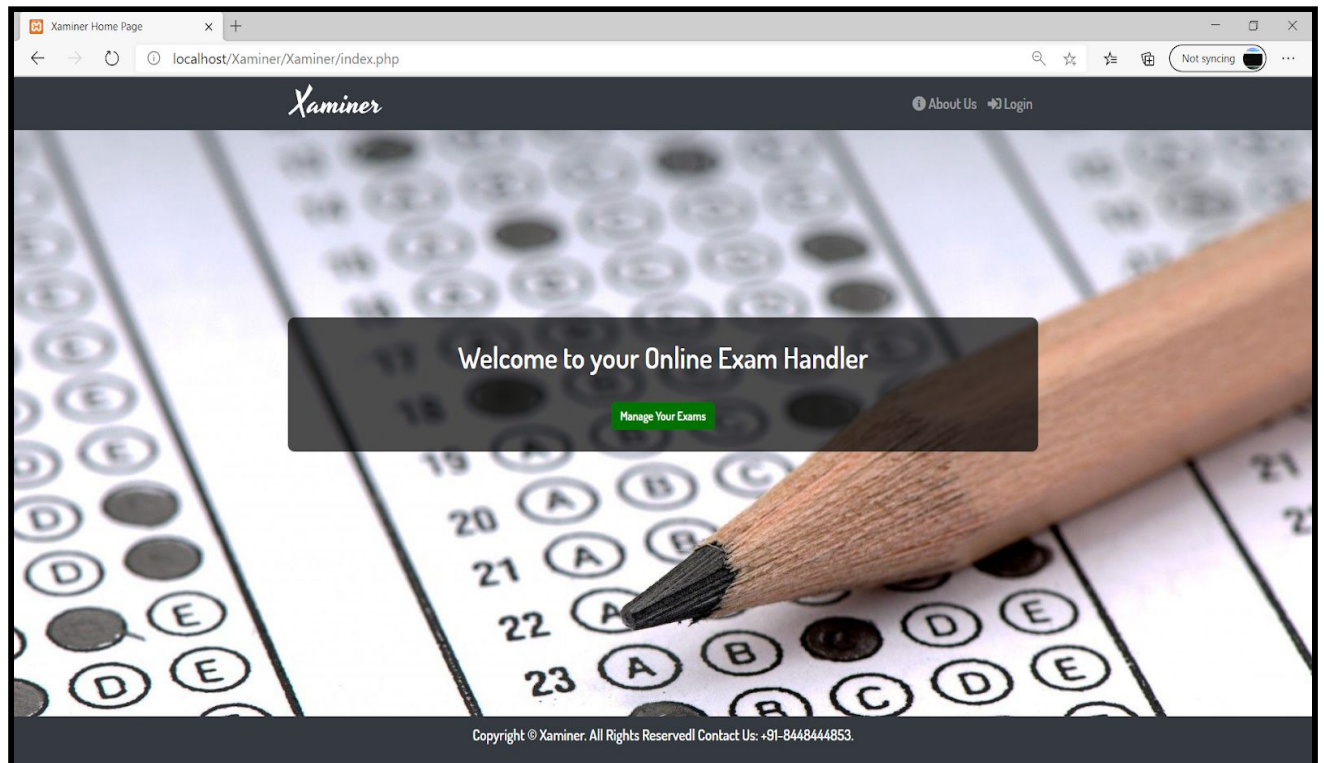


LEVEL 2 DFD:

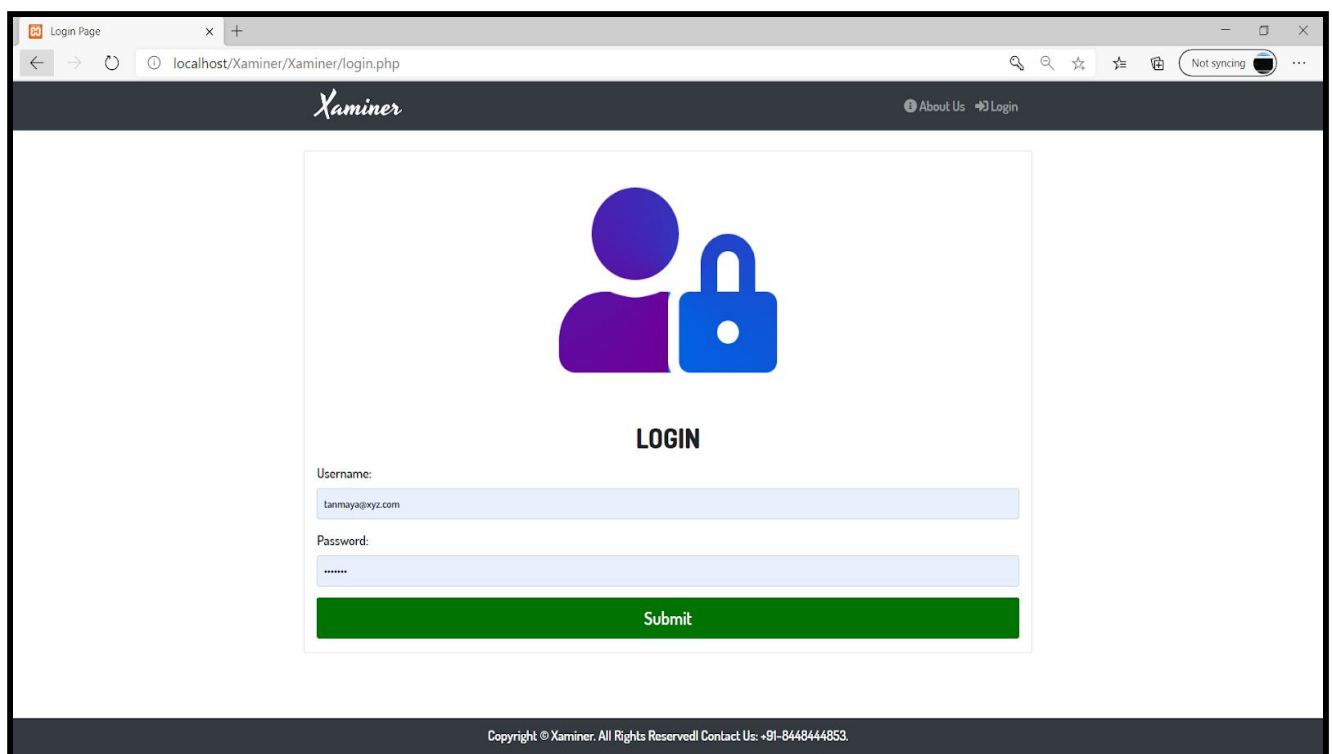


RESULTS:

THIS IS THE HOME PAGE OF XAMINER



LOGIN PAGE:



STUDENT PAGES:

STUDENT HOME PAGE:

The screenshot shows a web browser window with the URL `localhost/Xaminer/Xaminer/student/student_home.php`. The page features a dark header with the 'Xaminer' logo and navigation links: 'About Us', 'My Account', and 'Logout'. A sidebar on the left contains a menu icon and a link: 'Please click here to see your exam details.' The main content area displays a welcome message 'Welcome, Tanuj Chandolia!' followed by the text 'These are your recent results'. Below this is a table with the following data:

S.No.	Exam Name	Subject Name	Subject Code	Marks
1	B.Tech 5th Semester End Sem	Software Engineering	C0301	50/50

Below the table, a green link states: 'Visit the Results section to view complete results.' The footer contains the copyright notice: 'Copyright © Xaminer. All Rights Reserved! Contact Us: +91-8448444853.'

SIDEBAR OF STUDENT HOME PAGE:

This screenshot shows the same Student Home Page but for a user named 'Tanmaya Yadav'. The sidebar on the left is expanded, showing a list of links: 'Ongoing Exams', 'Results', 'FAQ', 'Send Feedback', and 'Ask a Query'. The main content area displays a welcome message 'Welcome, Tanmaya Yadav!' followed by the text 'These are your recent results'. Below this is a table with the following data:

S.No.	Exam Name	Subject Name	Subject Code	Marks
1	B.Tech 5th Semester End Sem	Software Engineering	C0301	45/50

Below the table, a green link states: 'Visit the Results section to view complete results.' The footer contains the copyright notice: 'Copyright © Xaminer. All Rights Reserved! Contact Us: +91-8448444853.'

ONGOING EXAM PAGE (STUDENT):

Xaminer

About UsMy AccountLogout

These are your current ongoing exams

Please keep the given deadline in mind. Nothing can be done once deadline is passed.

S.No.	Name of the Exam	Subject Name and Code	Deadline	Appear for the exam
1	SOFTWARE ENGINEERING CLASS TEST	Software Engineering (C0301)	2020-11-23 13:00:00	Give Exam

localhost/Xaminer/Xaminer/index.php

Copyright © Xaminer. All Rights Reserved! Contact Us: +91-8448444853.

EXAM WARNING FOR STUDENT:

Xaminer

About UsMy AccountLogout

Attention!

You are about to appear for the following exam:

- Subject Name: Software Engineering
- Subject Code: C0301
- Exam Name: SOFTWARE ENGINEERING CLASS TEST
- Total Marks: 25
- Alloted Time: 750 Minutes

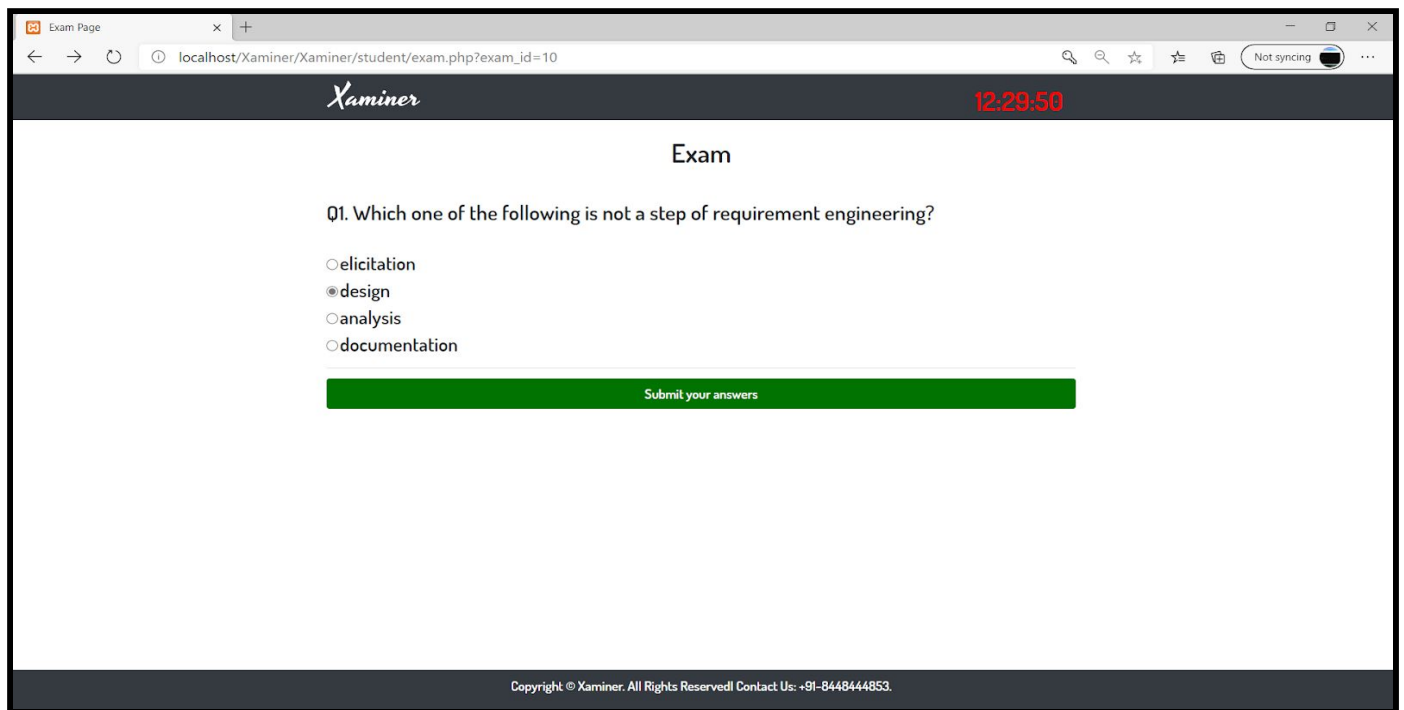
Once you press start exam, you cannot go back. Please complete the exam in one go.

A timer will start the moment you click start exam. Be ready and Good luck!

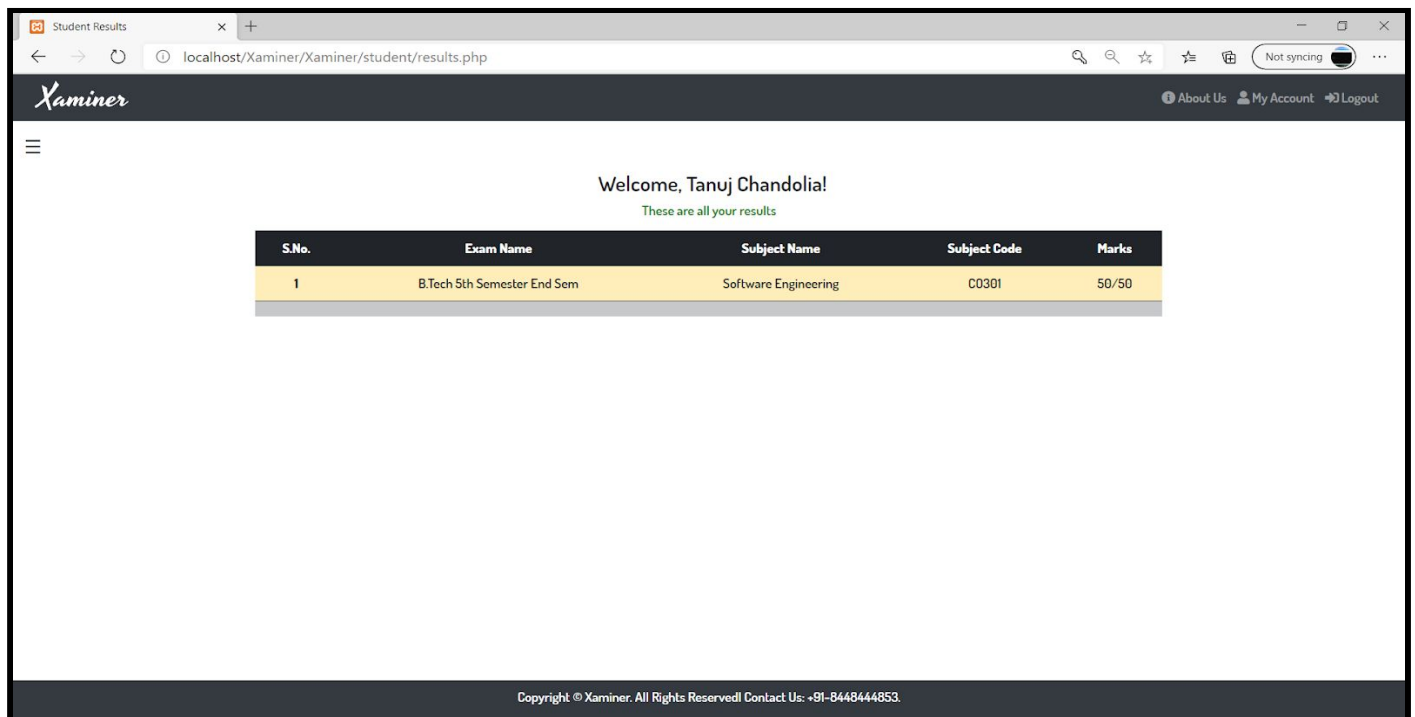
Start Exam

Copyright © Xaminer. All Rights Reserved! Contact Us: +91-8448444853.

EXAM PAGE WITH DEMO QUESTION:



STUDENT RESULT PAGE:



STUDENT FEEDBACK FORM PAGE:

Xaminer

[About Us](#) [My Account](#) [Logout](#)

Ongoing Exams

Results

FAQ

Send Feedback

Ask a Query

Please click here to see your exam details.

S.No.	Exam Name
1	B.Tech 5th Semester E

Subject Code	Marks
C0301	45/50

Feedback Form

Name:

☒ Tanmaya Yadav
☐ Anonymous

Feedback Message:

Close

Submit Feedback

Copyright © Xaminer. All Rights Reserved| Contact Us: +91-8448444853.

STUDENT FAQ PAGE:

Xaminer

[About Us](#) [My Account](#) [Home](#) [Logout](#)

Frequently Asked Questions

This page is dedicated to clear all the common doubts and situations students face. In case your doubt is not cleared, please send your queries to the admin.

Use this to send a query.

Ask a Query

1. How does one give the exam?

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Copyright © Xaminer. All Rights Reserved| Contact Us: +91-8448444853.

STUDENT QUERY PAGE:

Xaminer

About UsMy AccountLogout

Ask a new Query

Enter your Query:

Send query to the admin

Your Queries:

Query:

I have appeared for my Software Engineering Exam but my result section has not been updated. Please look into it kindly.

Answer:

The result section is updated once the teacher grades your exam. Wait until the teacher grades it.

Query:

thank you the marks have been updated

Answer:

query closed!

Copyright © Xaminer. All Rights Reserved! Contact Us: +91-8448444853.

STUDENT “MY ACCOUNT” PAGE:

Xaminer

About UsHomeLogout

These are your account details

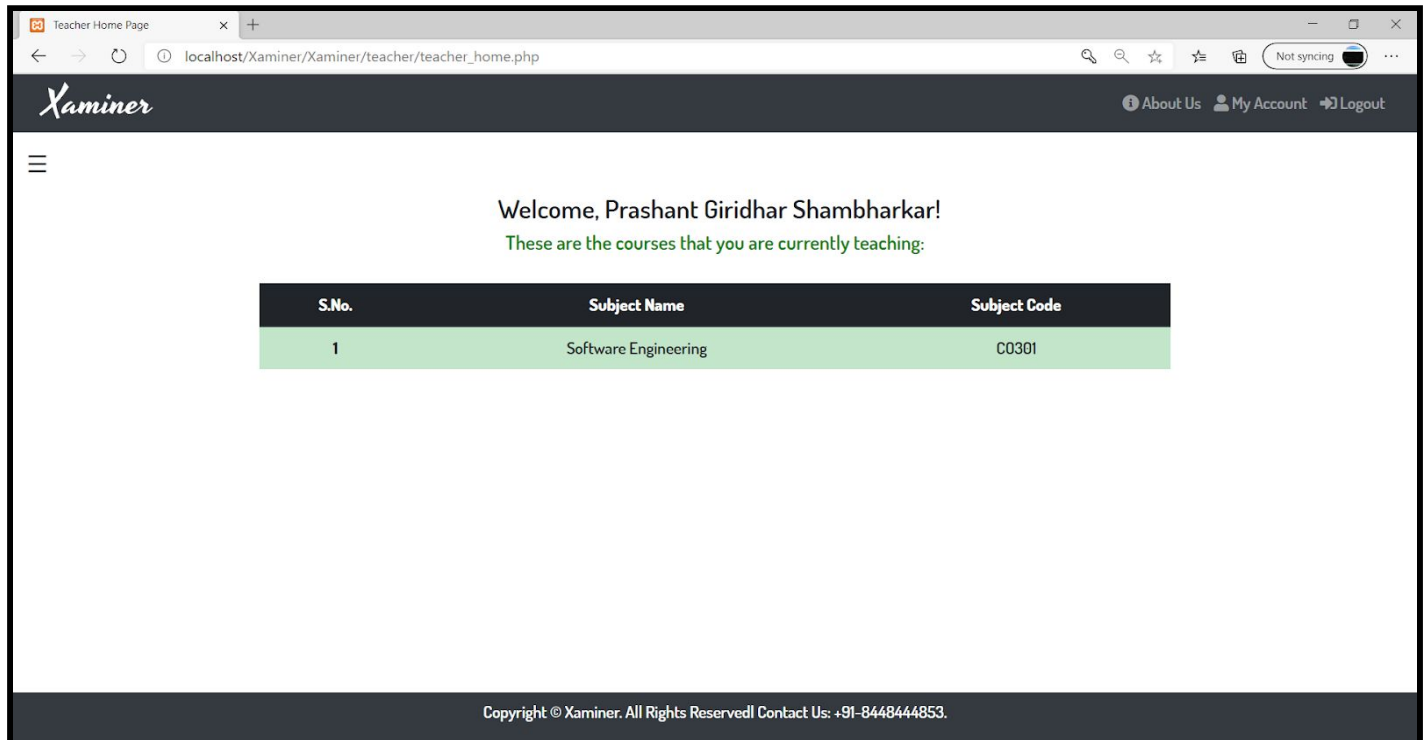
Please don't share these with anyone. Contact admin if you have any queries or there is some error in your details.

Name	Tanuj Chandolia
Username	tanuj@xyz.com
Password	tanuj
Email	tanujchandolia@gmail.com
Phone Number	8373959583
Date of Birth	2000-05-12

Copyright © Xaminer. All Rights Reserved! Contact Us: +91-8448444853.

TEACHER PAGES:

TEACHER HOME PAGE:



The screenshot shows a web browser window with the URL `localhost/Xaminer/Xaminer/teacher/teacher_home.php`. The page header includes the Xaminer logo and navigation links: [About Us](#), [My Account](#), and [Logout](#). The main content area displays a welcome message: "Welcome, Prashant Giridhar Shambharkar!" followed by the text "These are the courses that you are currently teaching:". Below this is a table with the following data:

S.No.	Subject Name	Subject Code
1	Software Engineering	C0301

The footer of the page contains the copyright notice: "Copyright © Xaminer. All Rights Reserved| Contact Us: +91-8448444853."

TEACHER's SIDEBAR OPTIONS :



The screenshot shows the same Teacher Home Page as before, but with the sidebar expanded. The sidebar contains the following options:

- Create a Question Paper
- Modify existing Question Papers
- Grade student exams
- FAQ
- Ask a Query
- Send Feedback

The main content area remains the same, displaying the welcome message and the table of courses currently being taught.

TEACHER CREATE EXAM AND QUESTION PAPER PAGE:

Xaminer

About UsMy AccountLogout

☰

Here you can create a new question paper for the students

Exam Creation Form

Choose the subject you want to create the question paper for:
☒ Software Engineering

Name of the Exam:

Total Marks:

Alotted Time: ⌚

Deadline:
Date of deadline: 📅
Time of deadline: ⌚

Start adding questions

Copyright © Xaminer. All Rights Reserved! Contact Us: +91-8448444853.

TEACHER ADD QUESTION PAGE:

Xaminer

About UsMy AccountLogout

☰

Add Questions here

Create Questions

Choose the type of question:
☒ Multiple Choice Question
☐ Subjective

Enter the question:


If this is a MCQ, then fill these else leave it:


Choose the correct MCQ: ☒ Choice 1 ☐ Choice 2 ☐ Choice 3 ☐ Choice 4

Enter Question

Copyright © Xaminer. All Rights Reserved! Contact Us: +91-8448444853.

TEACHER MODIFY QUESTION AND ASSIGN PAPER PAGE:

About UsMy AccountLogout

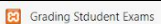


These are the current existing question papers:


S.No.	Subject Name	Subject Code	Test Name	Deadline	Action
1	Software Engineering	C0301	SOFTWARE ENGINEERING CLASS TEST	2020-11-22 12:40:00	Modify Assign to Students Unassign
2	Software Engineering	C0301	SURPRISE TEST 1	2020-11-23 15:00:00	Modify Assign to Students Unassign


Copyright © Xaminer. All Rights Reserved | Contact Us: +91-8448444853.

GRADE STUDENTS PAGE:

Grading Student Exams

localhost/Xaminer/Xaminer/teacher/grade_student.php

About UsMy AccountLogout

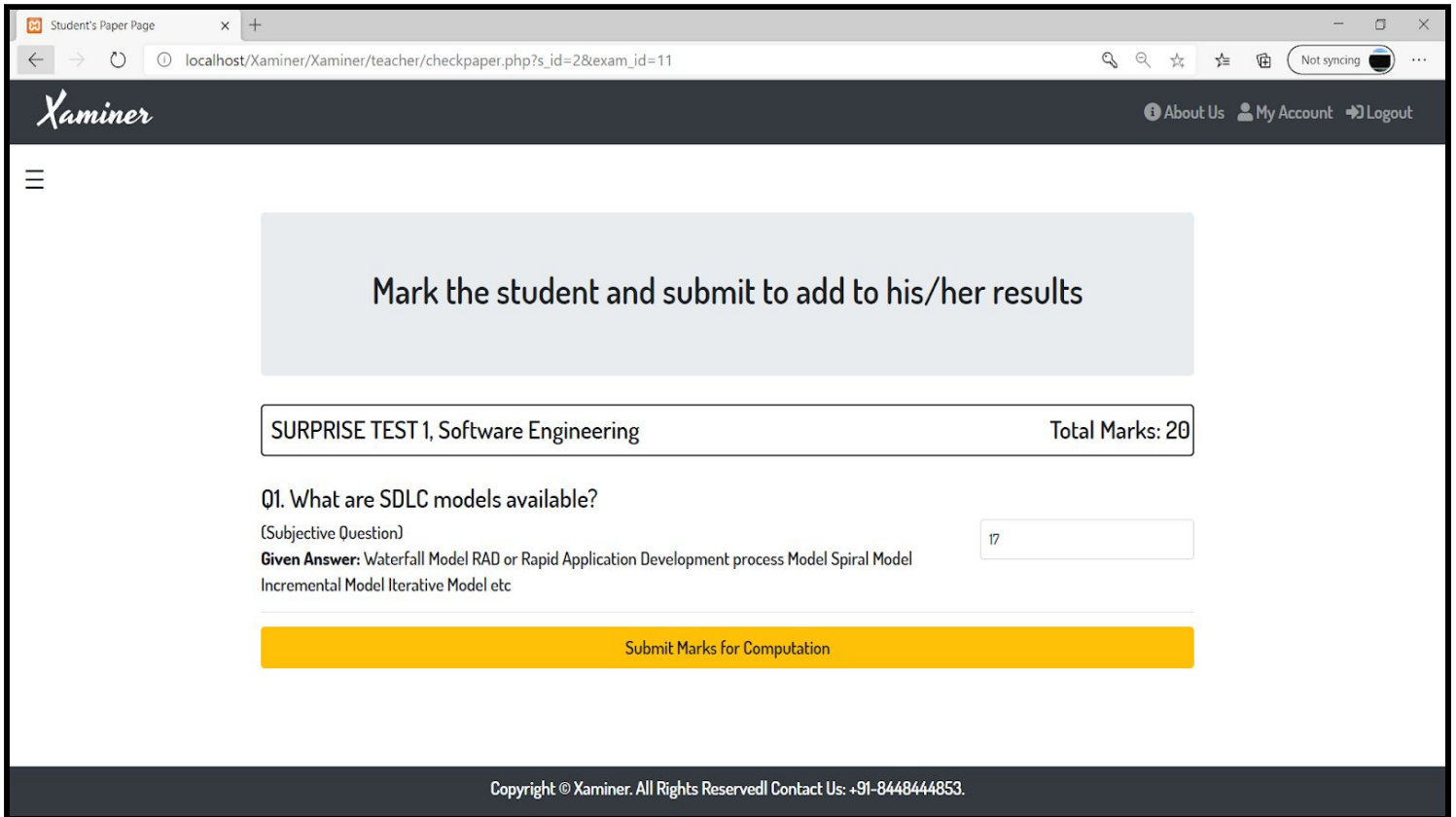


These are your current unchecked papers:

S.No.	Student Name	Test Name	Action
1	Tanuj Chandolia	SOFTWARE ENGINEERING CLASS TEST	Grade
2	Tanmaya Yadav	SURPRISE TEST 1	Grade

Copyright © Xaminer. All Rights Reserved | Contact Us: +91-8448444853.

STUDENT'S SUBMITTED ANSWERS AND MARKING PAGE:



The screenshot shows a web browser window with the URL `localhost/Xaminer/Xaminer/teacher/checkpaper.php?s_id=2&exam_id=11`. The page has a dark header with the 'Xaminer' logo and links for 'About Us', 'My Account', and 'Logout'. A sidebar menu is visible on the left. The main content area features a light blue box with the text 'Mark the student and submit to add to his/her results'. Below this is a table with two columns: 'SURPRISE TEST 1, Software Engineering' and 'Total Marks: 20'. A question is listed: 'Q1. What are SDLC models available? (Subjective Question)'. The 'Given Answer' is: 'Waterfall Model RAD or Rapid Application Development process Model Spiral Model Incremental Model Iterative Model etc'. A text input field contains the number '17'. A yellow button labeled 'Submit Marks for Computation' is at the bottom. The footer contains the copyright notice: 'Copyright © Xaminer. All Rights Reserved| Contact Us: +91-8448444853.'

Mark the student and submit to add to his/her results

SURPRISE TEST 1, Software Engineering	Total Marks: 20
---------------------------------------	-----------------

Q1. What are SDLC models available?
(Subjective Question)

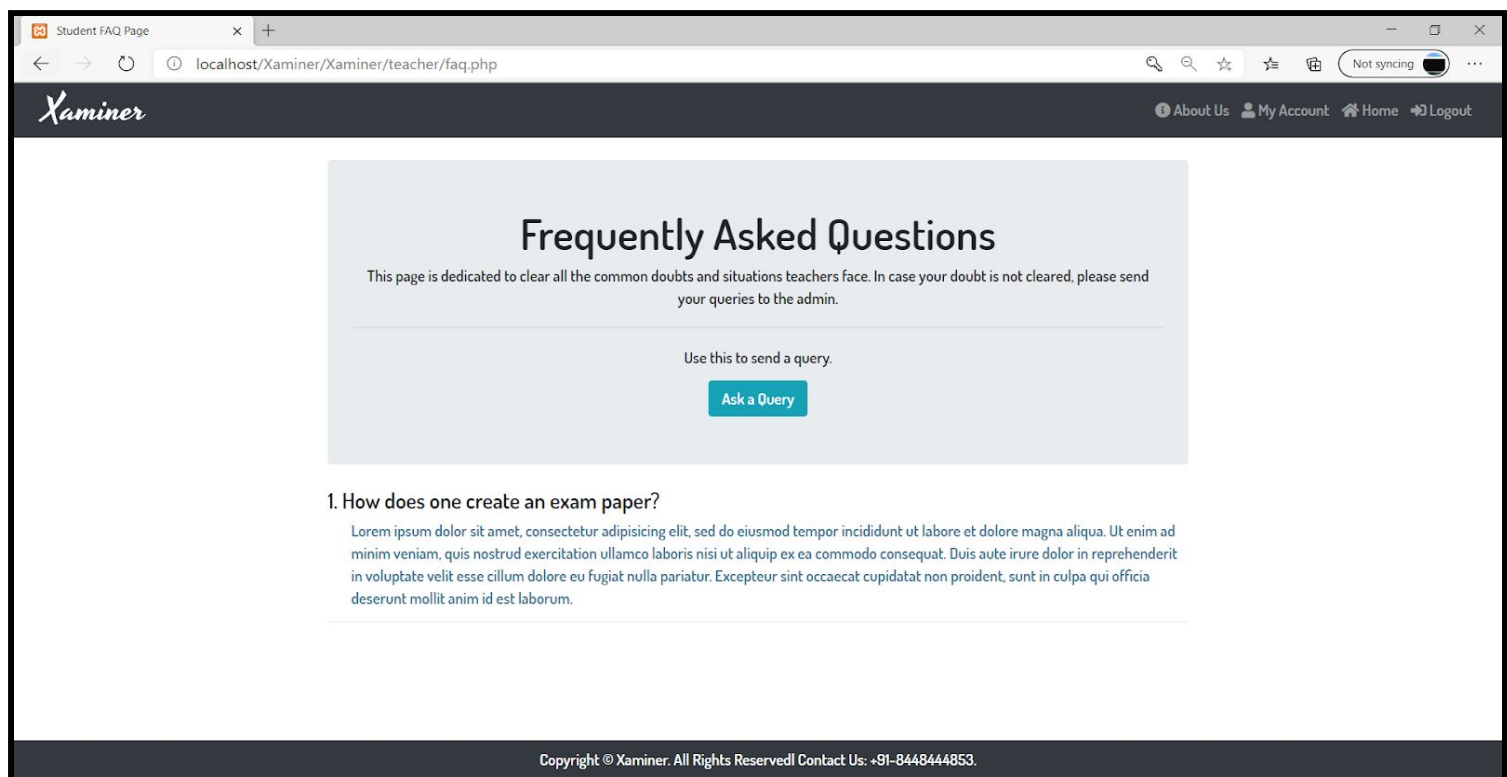
Given Answer: Waterfall Model RAD or Rapid Application Development process Model Spiral Model Incremental Model Iterative Model etc

17

Submit Marks for Computation

Copyright © Xaminer. All Rights Reserved| Contact Us: +91-8448444853.

TEACHER'S FAQ PAGE:



The screenshot shows a web browser window with the URL `localhost/Xaminer/Xaminer/teacher/faq.php`. The page has a dark header with the 'Xaminer' logo and links for 'About Us', 'My Account', 'Home', and 'Logout'. The main content area features a light blue box with the title 'Frequently Asked Questions'. Below the title is a paragraph: 'This page is dedicated to clear all the common doubts and situations teachers face. In case your doubt is not cleared, please send your queries to the admin.' Below this is a text input field with the placeholder 'Use this to send a query.' and a blue button labeled 'Ask a Query'. Below the light blue box is a section titled '1. How does one create an exam paper?'. The text below this title is: 'Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.' The footer contains the copyright notice: 'Copyright © Xaminer. All Rights Reserved| Contact Us: +91-8448444853.'

Frequently Asked Questions

This page is dedicated to clear all the common doubts and situations teachers face. In case your doubt is not cleared, please send your queries to the admin.

Use this to send a query.

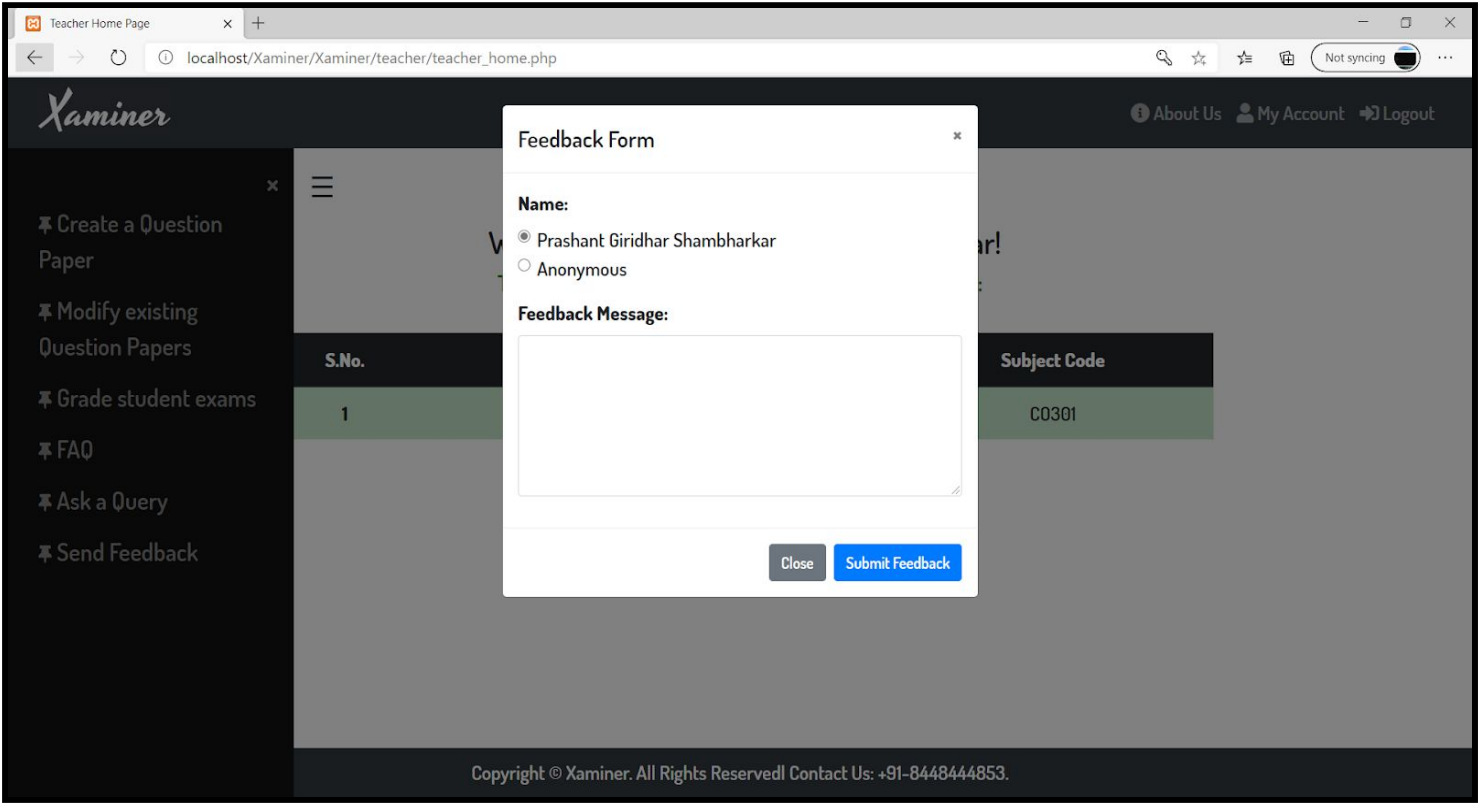
Ask a Query

1. How does one create an exam paper?

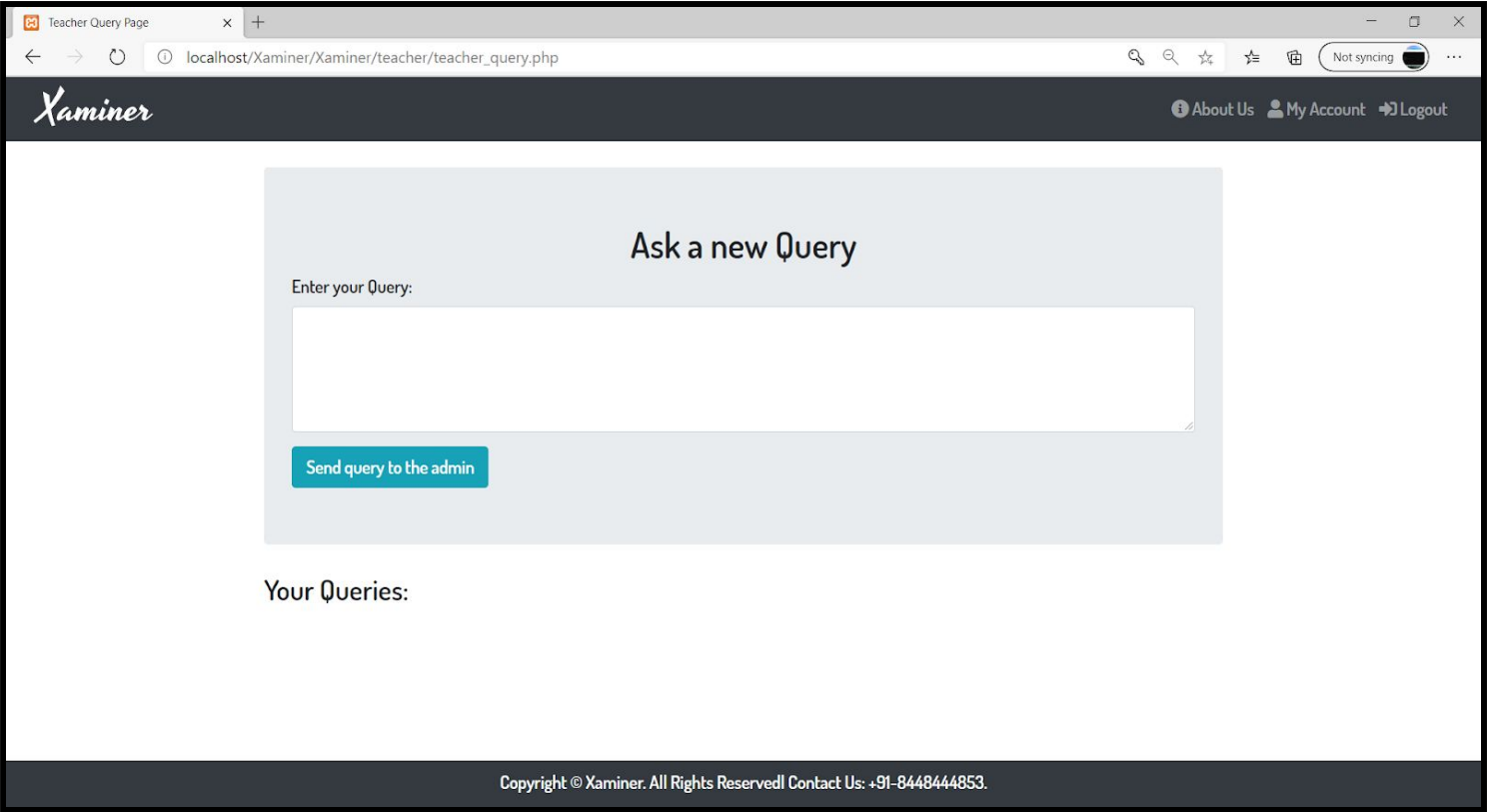
Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Copyright © Xaminer. All Rights Reserved| Contact Us: +91-8448444853.

TEACHER FEEDBACK FORM:



TEACHER QUERY PAGE:



TEACHER ACCOUNT DETAILS PAGE:

My Account Details

localhost/Xaminer/Xaminer/teacher/my_account.php

Not syncing

Xaminer

About UsHomeLogout

These are your account details

Please don't share these with anyone. Contact admin if you have any queries or there is some error in your details.

Name	Prashant Giridhar Shambharkar
Username	prashant@xyz.com
Password	prashant
Email	prashant@gmail.com
Phone	8759483746
Date of Birth	1970-06-24

Copyright © Xaminer. All Rights Reserved| Contact Us: +91-8448444853.

ADMIN PAGES:

ADMIN HOME PAGE:(COMPUTER CENTER ADMIN:MR MANOJ KUMAR)

Admin Home Page

localhost/Xaminer/Xaminer/admin/admin_home.php

Not syncing

Xaminer

About UsMy AccountLogout

Welcome, Manoj Kumar!

These are the current statistics of the database

S.No.	Value Name	Quantity
1	Number of Students	2
2	Number of Teachers	4
3	Number of Subjects	10
4	Number of Question Papers	2
5	Number of Questions	2

Copyright © Xaminer. All Rights Reserved| Contact Us: +91-8448444853.

ADMIN SIDEBAR OPTIONS:

Admin Home Page

localhost/Xaminer/Xaminer/admin/admin_home.php

Not syncing

Xaminer

About UsMy AccountLogout

Manage Student Records

Manage Teacher Records

Answer Queries

FAQ

Send Feedback

Welcome, Manoj Kumar!

These are the current statistics of the database

S.No.	Value Name	Quantity
1	Number of Students	2
2	Number of Teachers	4
3	Number of Subjects	10
4	Number of Question Papers	2
5	Number of Questions	2

Copyright © Xaminer. All Rights Reserved| Contact Us: +91-8448444853.

ADMIN:MANAGE STUDENT RECORDS PAGE:

Admin Home Page

localhost/Xaminer/Xaminer/admin/manage_student.php

Not syncing

Xaminer

About UsMy AccountLogout

Manage the data of all the enrolled students

Add a new Student

S.No.	Student Name	Username	Password	Email	Phone Number	Date of Birth
1	Tanmaya Yadav	tanmaya@xyz.com	tanmaya	tanmayayadav@gmail.com	8321948213	2000-04-10
2	Tanuj Chandolia	tanuj@xyz.com	tanuj	tanujchandolia@gmail.com	8373959583	2000-05-12

Copyright © Xaminer. All Rights Reserved| Contact Us: +91-8448444853.

ADMIN: ADD NEW STUDENT PAGE :

Xaminer

About UsMy AccountLogout

Enter the Student Details and add to Database.

Student Details:

First Name:

Last Name:

Email:

Ex - abc@xyz.com

Password:

Address

1234 Main St

Date of Birth:

dd-mm-yyyy

Phone Number:

Subjects Enrolled in:

Choose Subject 1:

Software Engineering

Choose Subject 2:

Software Engineering

Choose Subject 3:

Software Engineering

Choose Subject 4:

Software Engineering

Add Student

Copyright © Xaminer. All Rights Reserved| Contact Us: +91-8448444853.

ADMIN:MANAGE TEACHER RECORDS:

Admin Home Page

localhost/Xaminer/Xaminer/admin/manage_teacher.php

Xaminer

About UsMy AccountLogout

Manage the data of all the teachers

Add a new Teacher

S.No.	Teacher Name	Username	Password	Email	Phone Number	Date of Birth
1	Arvind Kumar	arvind@xyz.com	arvind	arvindkumar@gmail.com	9730482947	1984-05-12
2	JP Kesari	kesari@xyz.com	kesari	jpkesari@gmail.com	8694027485	1960-07-10
3	Prashant Giridhar Shambharkar	prashant@xyz.com	prashant	prashant@gmail.com	8759483746	1970-06-24
4	Rahul Kumar	Rahul@xyz.com	rahul	rahul@gmail.com	9274619374	1990-10-20

Copyright © Xaminer. All Rights Reserved| Contact Us: +91-8448444853.

ADMIN:ADD NEW TEACHER PAGE:

Xaminer

[About Us](#) [My Account](#) [Logout](#)

Enter the Teacher Details and add to Database.

Teacher Details:

First Name:

Last Name:

Email:

Ex - abc@xyz.com

Password:

Address

1234 Main St

Date of Birth:

dd-mm-yyyy

Phone Number:

Subject to be taught:

Choose Subject:

Software Engineering

Add Teacher

Copyright © Xaminer. All Rights Reserved| Contact Us: +91-8448444853.

ADMIN:ANSWER QUERIES PAGE:

Xaminer

[About Us](#) [My Account](#) [Logout](#)

Answer queries, from students and teachers, here.

Unattended Queries:

Student Query:

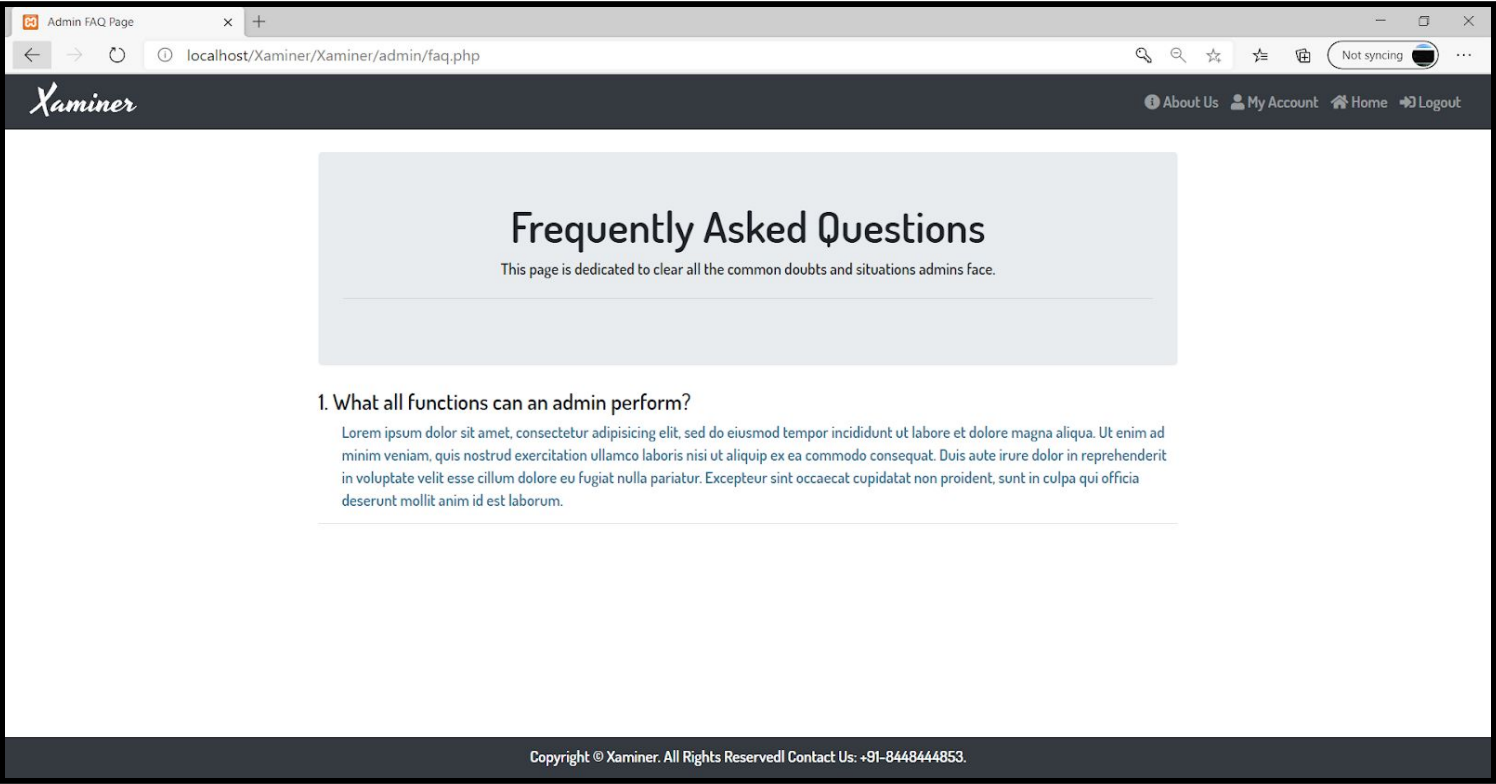
Sir, how to get the printed result of my exam?

Reply to the Query:

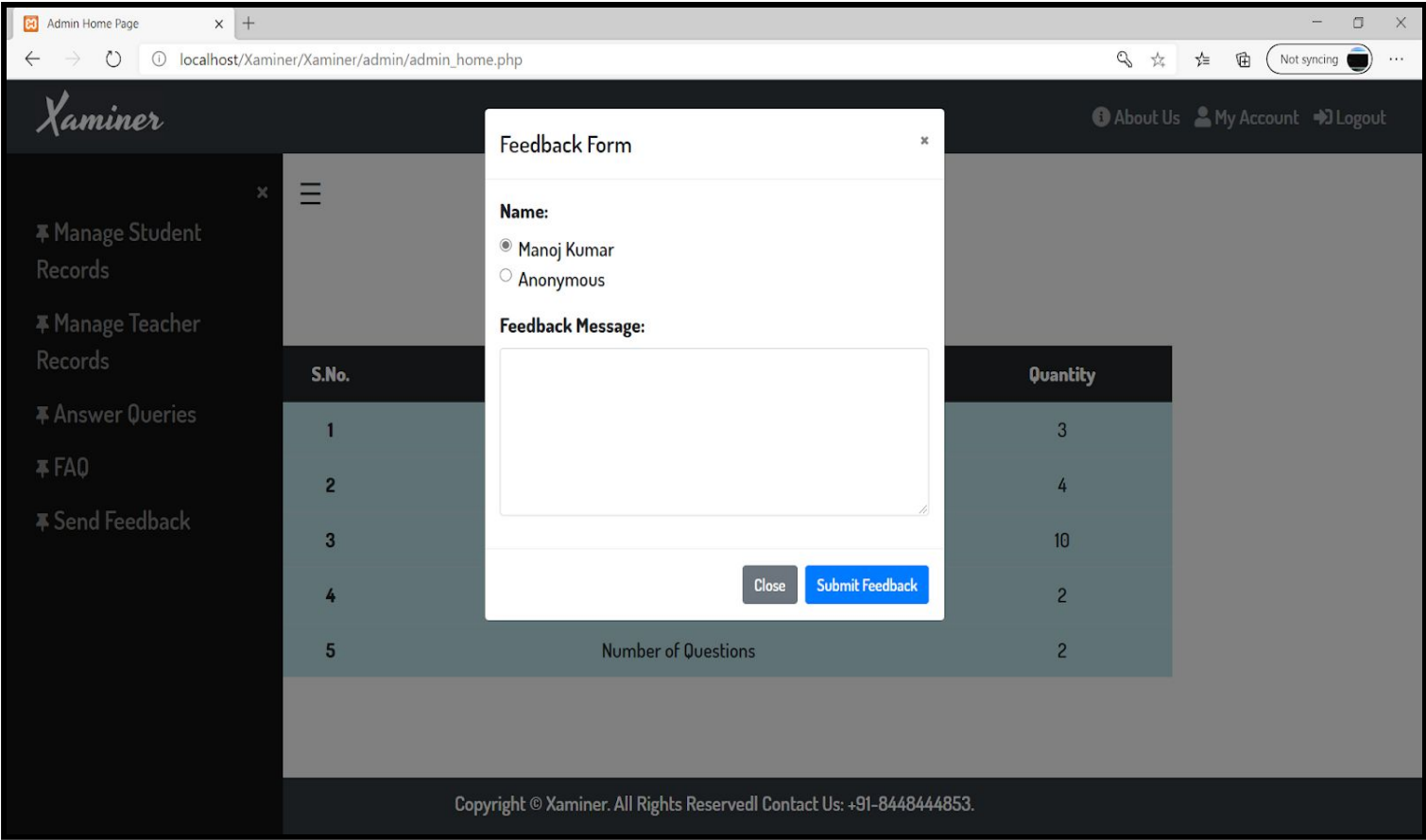
Reply

Copyright © Xaminer. All Rights Reserved| Contact Us: +91-8448444853.

ADMIN FAQ PAGE:



ADMIN: SEND FEEDBACK(TO THE DEVELOPERS) FORM PAGE:



ADMIN: ACCOUNT DETAILS PAGE:

My Account Details

localhost/Xaminer/Xaminer/admin/my_account.php

Not syncing

Xaminer

About UsMy AccountLogout

These are your account details

Please don't share these with anyone.


Name	Manoj Kumar
Username	admin@username
Password	admin@password

Copyright © Xaminer. All Rights Reserved | Contact Us: +91-8448444853.

ABOUT US (DEVELOPERS) PAGE:

Xaminer

HomeLogout

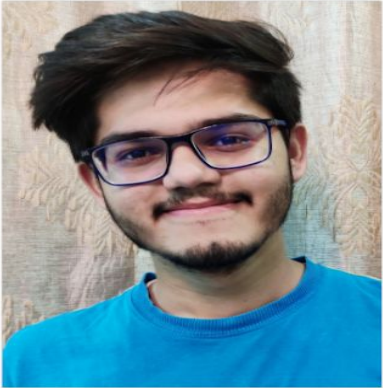


Xaminer

An online examination management system built with the thoughts of how painful, time and labour consuming it is to conduct offline manual exams.

Wastage of resources spent in deciding the seating plans, making question papers and answer sheets is all a thing of the past now.


Xaminer is here to make life easier for both teachers and students with a just a few clicks.



Tanuj Chandolia

Co-founder of Xaminer.

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.



Tanmaya Yadav

Co-founder of Xaminer.

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Copyright © Xaminer. All Rights Reserved | Contact Us: +91-8448444853.

CONCLUSION

With the completion of this project we conclude that it has achieved its purpose. The whole project provides a base for students to take their exam using software and allow lecturers to add questions and answers into the system. The system is developed using HTML, CSS, JavaScript and PHP programming language and data is saved in the MySQL database.

Online examination management system is the best compared to the paper-based exams. The automated system helps students and lecturers to save time and makes the process faster. It saves space since answers papers will not be used. With a user friendly system that has security, integrity and the database is neither inconsistent nor redundant.

REFERENCES

1. http://utpedia.utp.edu.my/13518/1/12272_dissa%20adoum%20baba.pdf
2. <http://vcampus.co/blogs/4501/practical-project-proposal-for-online-examination-system>
3. <https://onlineexamhelp.eklavya.in/introduction-online-examination-system/>
4. <https://www.phptpoint.com/projects/online-examination/>
5. https://www.academia.edu/6338470/Project_Report_On_Online_Examination_System_Submitted_By_Guided_By
6. <https://www.freeprojectz.com/project-report/194>
7. <https://www.slideshare.net/SARASWATENDRASINGH/online-examination-system-project-report>