



**Zagazig University
Faculty of Computers and Information
Department of Decision Support and Operations Research**

Questionizer Mirfa Technology System(QMTS)

By

- 1. Mohamed Taha Taha Mohamed.(Leader)**
- 2. Alaa Mostafa Ahmed Khalil.**
- 3. Mohamed Fawzy Fathy Abd Elfatah.**
- 4. Mohamed Reda Mohamed El Sayed.**
- 5. Eslam Mohamed Abd Elrahman El Araby.**

Under Supervision:-

Dr.Sherin Zaki

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(بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ)

إِنَّا فَتَحْنَا لَكَ فَتْحًا مُّبِينًا (1) لِيَغْفِرَ لَكَ اللَّهُ مَا تَقَدَّمَ مِنْ ذَنْبِكِ
وَمَا تَأْخُرَ وَيُتْبِعُ نِعْمَتَهُ عَلَيْكَ وَيَهْدِيَكَ صِرَاطًا
مُّسْتَقِيمًا (2) وَيَنْصُرَكَ اللَّهُ نَصْرًا عَزِيزًا (3)

(صدق الله العظيم)





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Chapter: 1

Introduction:

This online examination system is a piece of software that enables any sector or organization to plan, carry out, and manage online tests in a classroom setting. It might be carried out over the Internet, Intranet, or Local Area network settings.

A some of the issues encountered The delays occur during manual examination systems.

processing of results, filing is a challenge, Filtering records is challenging. The potential for loss of Records are plentiful, yet finding records is challenging.

The system requires exceedingly demanding maintenance, and time and effort-intensive.

Online testing is one a key component of an online education system. It saves a lot of material resources, is quick enough, and is effective.

On the basis of the web, a testing system is created.

This essay explains the system's basic principles, highlights it's primary functions, examines the mechanism for automatically creating test papers, and talks about the system's security.

LITERATURE REVIEW:

Online testing system represents a new paradigm in the world of information technology today.

Innovation and technological developments that occur from time to time makes it's starting to get the attention of all parties, especially in the field of education.

It can offer many advantages to teachers and students to use such systems as well as to meet the needs in the field of education it can also make teaching and learning more fun. But it is still not widely used at all levels, whether at the school, higher education or continuing education.

This study was made to gather literacy studies related to the use of online testing system. It is intended to evaluate the factors that attract users to utilize online testing system.

The studies focused on the effective use of the system in terms of ease of access to the internet, security system, testing and evaluation in education.

Socrative

is a game-based tool helps teachers manage the evaluation process of students and supervise their progress

Survey Anyplace

is a web-based survey platform that you can mostly use to fill your classroom with fun, creating surveys, quizzes, questionnaires, and also easy assessments.



Microsoft Forms

We chose to add this awesome tool to our list because it's easy to use. Its forms can be completed in no time via computers, tablets, or just phones

Google Forms

There's no way we'll forget to mention Google's always easy-to-grab forms. This may very well be one of the best free online assessment platform. You've seen them before.

We're sure. But they're still some of the easiest and most used tools in creating quick quizzes

TypeForm

This platform is very easy and used sometimes in businesses, more than educational places.

It devotes a good number of resources to making it smooth for all of us to integrate their forms, templates, and quizzes into famous tools you need

abstract:

The Web Based Online Examination System is an online test simulator to hold online examination test in a decisive and skilled manner and thus avoiding wastage of time for manually examining the test paper.

The major objective of this web based online examination system is to competently evaluate the student/instructor thoroughly through an automated system that not only saves a lot of time but also gives fast, improved, and accurate results.

It allows the students/instructor appearing for the exam to give the test/papers according to their convenience from any location by simply using internet and time over the manual/traditional pen and paper format.

The online examination system provides the student/instrucor with a quick and easy way to show up for the test/examination. It also imparts and produces results of the examination immediately after the examination with 100% accuracy and security.

Student can appear for the exam only with their valid credentials such as valid username and valid password. This examination consists of multiple-choice questions and appropriate number of options.

There are no limitations on number of options, and it can be customized as per the requirement so that the same set of question will not appear to all student to prevent trickeries.

More than one option can be correct, but the instructor can select only one option.



Project techniques:

HTML: A programming language used in designing web pages and websites.

Why we use HTML?

- It's easy to use
- Web pages contain a wide range of colors, shades, and different font types.
- HTML5 is compatible with all web browsers.
- It supports client-side databases.
- HTML5 has improved performance and security, as it enables storage across numerous browsers.
- Useful for cross-stage portable applications.

CSS: is a design language that makes a website look more appealing than just plain or uninspiring pieces of text.

Why we use CSS?

- Faster Page Speed
- Better User Experience
- Quicker Development Time
- Easy Formatting Changes
- Compatibility Across Devices



JavaScript: is an object-oriented scripting language used to enable programmatic access to objects within both the client application and other applications.

It is primarily used in the form of client-side JavaScript, implemented as an integrated component of the web browser, allowing the development of enhanced user interfaces and dynamic websites. JavaScript is a dialect of the ECMAScript standard and is characterized as a dynamic, weakly typed, prototype-based language with first-class functions.

Node JS: The Node.js platform is a server side runtime environment based on the JavaScript code.

Why we use Node JS?

- Its execution time is very fast and it runs very quickly.
- Node JS do not need to wait for an API to return data , so for building real time and data intensive web applications.
- It is very useful. It is totally asynchronous in nature that means it is totally non-blocking.
- The loading time for an audio or video is reduced by Node JS.
- As Node JS is open-source and it is nothing but a JavaScript framework , so for the developers who are already used to JavaScript, for them starting developing their projects with Node JS is very easy.



Vue.js: or simply Vue is a light weight, JavaScript framework for building reactive web user interfaces. Vue extends standard HTML and CSS to create a suite of powerful tools for building the front end of interactive web applications.

Why we use Mongo DB?

- As a document database, MongoDB makes it easy for developers to store structured or unstructured data.
- it enables to build applications faster, handle highly diverse data types, and manage applications more efficiently at scale.
- MongoDB can also handle high volume and can scale both vertically or horizontally to accommodate large data loads.

Background of study:

Information technology enables institution of high learning to save time and money, and allow the delivery of education with easiness, 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 the 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 the technology advances, the transaction became more rapid, accurate and efficient.

As time goes by computers have become more useful for every transaction. Online Examination System for introduction to management is an application that is designed and developed for students and lecturers.

The system helps students to take examination.

It helps also lecturers to upload the questions and answers in the database and they can see the students who fail or pass the exam.

Motivating factors of project:

- Purpose Online Exams System fulfills the requirements of the colleges to conduct the exams online. They do not have to go to any software developer to make a separate application for being able to conduct exams online.
- students just have to register on the application-project and enter the exam details and the lists of the students, which can appear in the exam. Students can give exam without the need of going to any physical destination.
- students can view the result at the same time.
- Thus the purpose of the application-project is to provide a system that saves the efforts and time of both the colleges and the students.
- In customary framework directing exam is extremely repetitive work for analyst and educator too. The entire procedure of allocating exam and assessing their score after the test was done physically till date. Be that as it may, online examination framework is absolutely electronic framework.

- The framework goes for diminishing expenses connected with directing exams over a timeframe and accomplishing complete computerization of examination framework related assignments like enlistment, distribution of results, which prompts a high level of framework effectiveness.

- In the wake of experiencing huge numbers of reference papers at long last we are concluded that we can manufactured one examination framework that can be give easy to understand access to establish for directing exam and investigation of result.

- **Simplification of Oral Viva Exam**
Online exams have made it easier to conduct oral for large numbers of people at once. Individual answers can be recorded in the system and reviewed later on, so there's no need to wait as patiently with every other instructor .

Problem Statement:

- **The problem with the current system** is that students take their exam manually.
- This outdated system will take long time utilization; the manual procedure used for conducting exam is 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, student are not satisfy with the current system of taking the multiple choice examination.
- A lot of resources (time and money) are wasted since students have to move from place to place to do exams.
- Time and man power is also wasted as setting and marking of the exams is done manually. The purpose of on-line exam system is to take online test in an efficient manner and no time wasting for checking the paper.
- The main objective of on-line test simulator is to efficiently evaluate the candidate thoroughly through a fully automated system that not only saves lot of time but also gives fast results.
- For students they give papers according to their convenience and time and there is no need of using extra thing like paper, pen etc

Chapter: 2

1.Objectives and Scope of project:

General objective

General objective of our project is to change the current manual system into computerized one. This project would be very useful for educational institutes where regular evaluation of students' is required.

Specific objective

- Online examination project assesses student by conducting online objective tests.
- Responses by the candidates will be checked automatically. It reduces time consumption.
- Being an integrated online examination system reduce paper work.
- Questions can have multiple options, multiple answers or can be text answers.
- To allow department to create tests and answers.
- The result will be shown after some time to the participating students.
- Can generate various report for evaluation purpose when and where required.

- This project will enable educational institutes to conduct test and have automated checking of answers based on the response by the candidates.
- It would enable educational institutes to perform testes quiz and create feedback forms.



Waterfall project management methodology

Simply put, traditional waterfall project management is a sequential, linear process of project management.

It consists of several discrete phases.

No phase begins until the prior phase is complete, and each phase's completion is terminal.

waterfall management does not allow you to return to a previous phase.

The only way to revisit a phase is to start over at phase one.



Requirements(*planning*)

Analysis

Design

Implementation

Testing

System



SDLC:

The software development lifecycle is a process that produces software with the highest quality and lowest cost in the shortest time possible.

SDLC provides a well-structured flow of phases that help an organization to quickly produce high-quality software which is well-tested and ready for production use.

SDLC works by lowering the cost of software development while simultaneously improving quality and shortening production time. SDLC achieves these apparently divergent goals by following a plan that removes the typical pitfalls of software development projects. That plan starts by evaluating existing systems for deficiencies.

Next, it defines the requirements of the new system. It then creates the software through the stages of analysis, planning, design, development, testing, and deployment. By anticipating costly mistakes like failing to ask the end-user or client for feedback, SLDC can eliminate redundant rework and after-the-fact fixes.

It's also important to know that there is a strong focus on the testing phase. As the SDLC is a repetitive methodology, you have to ensure code quality at every cycle. Many organizations tend to spend few efforts on testing while a stronger focus on testing can save them a lot of rework, time, and money. Be smart and write the right types of tests.



Next, let's explore the different stages of the Software Development Life Cycle:

- **Planning.**
- **Analysis.**
- **Design.**
- **Implementation.**



Advantages:

- Flexibility in use.
- More secure, less cheating
- Saves money
- Saves time
- The test bank feature that makes the creating exam operation so easy.
- The Excel file that the examiner will download will make the analysis of the students degrees so easy.
- Easy connection between the Instructor and Student.



Chapter : 3

System Development:-

Tasks and time plan:

Azab

- _planning
- _from 15 Aug to 15sep

Alaa

- _Analysis
- _from 16 sep to 15 Nov

Fawzy

- _Design
- _from 16 Nov to 15 Dec
- _from 1 Feb to 1 April

Taha

- _Implementation
- _from 16 Nov to 15 Dec
- _from 1 Feb to 1 April

Eslam

- _Testing
- _From 2 April to 15 May

Plan phase:-

The planning phase is where the project plan is documented, project deliverables and requirements are determined, and the project schedule is created.

It involves creating a set of plans to help guide your team through the implementation and closing phases of a project.

System Request.

Project Sponsor:-

We bought some libraries from ecommerce store.

Project Needs and Reasons :-

It is to provide a comfortable test experience for examinees and instructors, solve the problems that everyone encounters during the test, reduce cheating, and let the test take the test anytime, anywhere.

Project Requirements:-

- Provide a website.
- Provide online access
- Provide a camera
- Provide data for registration

project feasibility:

1. Technical Feasibility

Building this system is technically feasible. The hardware and software needed are all available, it is not difficult to get them. Briefly I can say the necessary resources needed for the development and maintenance of the system are available.

I am going to use Java programming languages and database.

2. Operationally Feasibility

The project I am developing is operationally feasible as there is no need for users to have good knowledge in computer before using it. The user can learn and use the system with ease; he just needs to read the manual or tutorial from the developers.

3. Economic Feasibility

Besides being technically feasible, developing this system is economically feasible as well.

The development of the system does not require the developers to spend a lot of money.

The tools I will be using to develop the system are not expensive and the software's are open source. All I need is time.

Even the maintenance of the system will not be expensive.

The system is indeed economically feasible



Chapter : 4

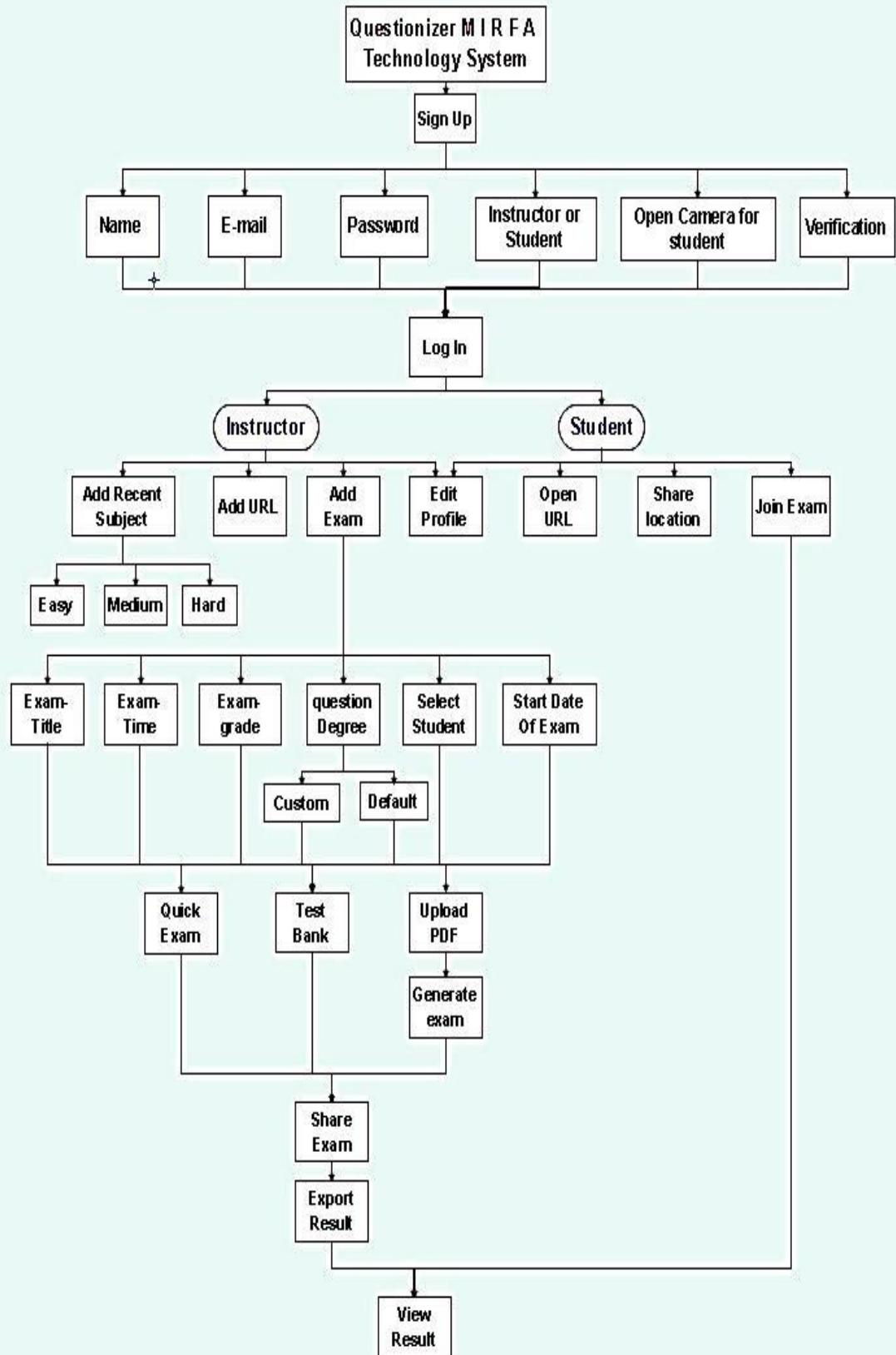
Analysis phase:-

The purpose of the Analysis Phase is to thoroughly examine and evaluate the viable options identified in the Feasibility Phase and to arrive at an optimum high-level solution that will satisfy the client's requirements and the project's constraints.

The recommended solution together with other viable options and their respective cost estimates, timelines, risks, controls and evaluation criteria, will be put forward in the Business Case to obtain management authorization and funding commitment by means of preliminary project approval (PPA) for the project. The level of effort required for this phase is dependent on the nature, complexity and sensitivities of the project.



Functional jobs:

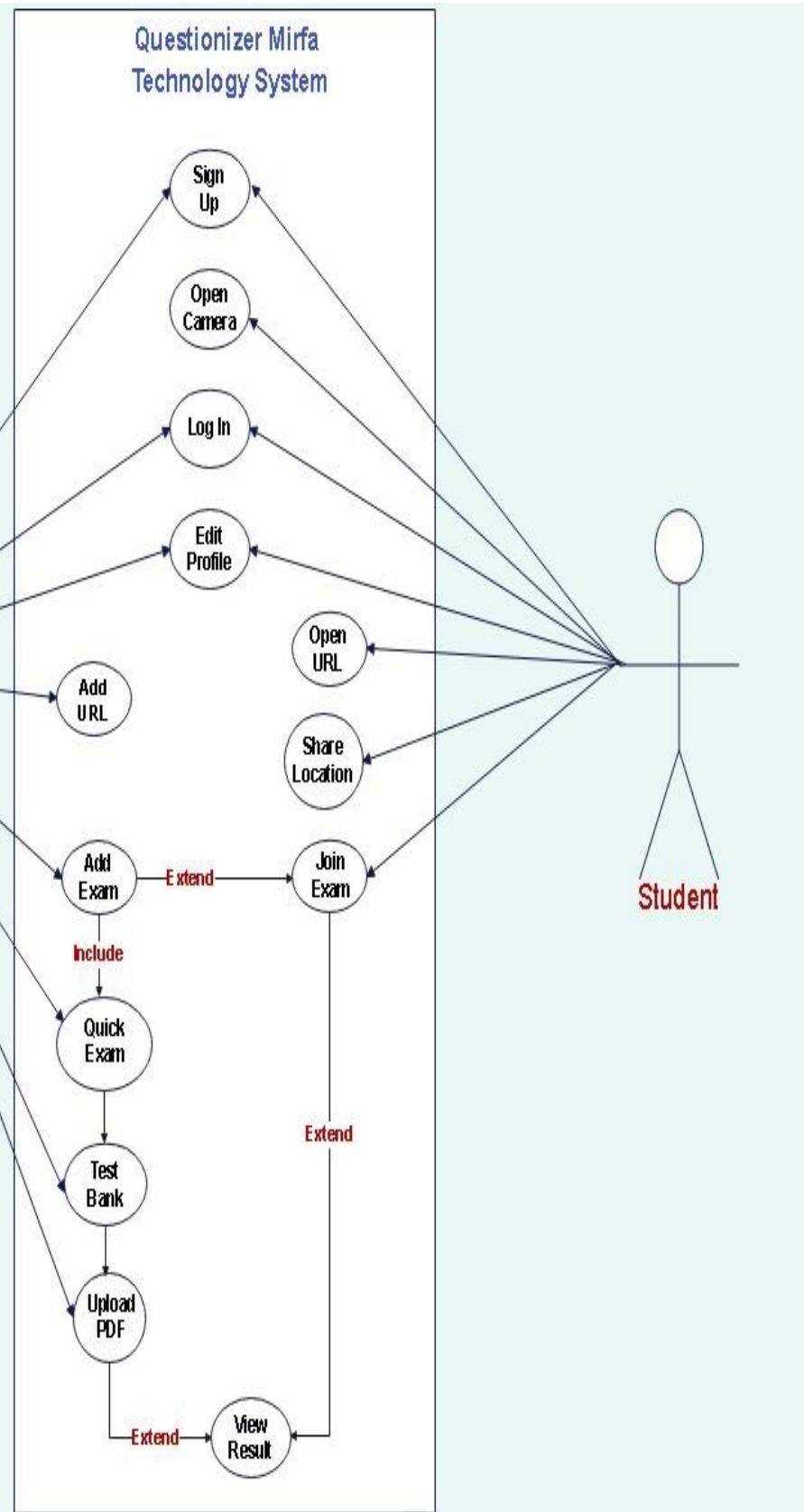


Use case :

use case diagram is the simplest display of a user's interactions with a system. Use cases are represented as circles or ellipses. It shows the relationships between a user and the different use cases in which they participate. A usage diagram can also show different types of users and use cases and is often used in conjunction with other types of diagrams.

The unified modeling language used is 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 and lecturers. The use case diagram is designed in the following figure.





Use case narrative:-

A use case narrative is a high-level description of a use case that outlines the steps involved in achieving a specific goal. It is typically written in a narrative or story-like format and provides a broad overview of the use case's main flow. The narrative is usually short, concise, and easy to understand, making it suitable for a wide range of audiences.



Use case name : Sign Up

Actor: Instructor – Student

Id : U.C.1

Priority : high

DESCRIPTION: this use case describes the instructor and the student personal data entry operation.

Trigger : the instructor and the student need to start the website

TYPE: External

Precondition:

1- Open the browser

2- Open the website

Normal course :

1- Create email and password

2- Add 3 pictures for student

3- Confirm the sign up

4- Verify the email

5- Verify the camera for student

Steps:

Sign up data

Sign up data

Sign up confirmation

Sign up verification

Sign up verification

Post condition:

1- The sign up page will disappear

2- The system will take you into the login page

Exceptions :

1- Enter invalid email or Password (Occur at step 1)

2- Could not get the validation code (Occur at step 2)

SUMMARY:

Input	Source	Output	Description
Username ,E-mail ,Password ,photo	Instructor – Student	Entering the system	Enter the system



Use case name : Login

Actor: Instructor – Student

Id : U.C.2

Priority : high

DESCRIPTION: this use case describes the instructor and the student to enter the System.

Trigger : the instructor and the student need to have an account in the data base and they want to enter the System

TYPE: External

Precondition:

3- sign in and create an account in the system

4- Enter your email and password

5- Get verification of the email

Normal course :

6- Enter your email and password

7- The system will process the login

8- The user can enter the system

Steps:

Login data

Login confirmation

Login acceptation

Post condition:

3- The login page will disappear

4- The system will take you into the main page

Exceptions :

3- Enter invalid email or Password (Occur at step 3)

4- Could not get the validation code (Occur at step 4)

SUMMARY:

Input	Source	Output	Description
E-mail , Password	Instructor_ Student	Entering the system	Enter the system

Flow chart:-

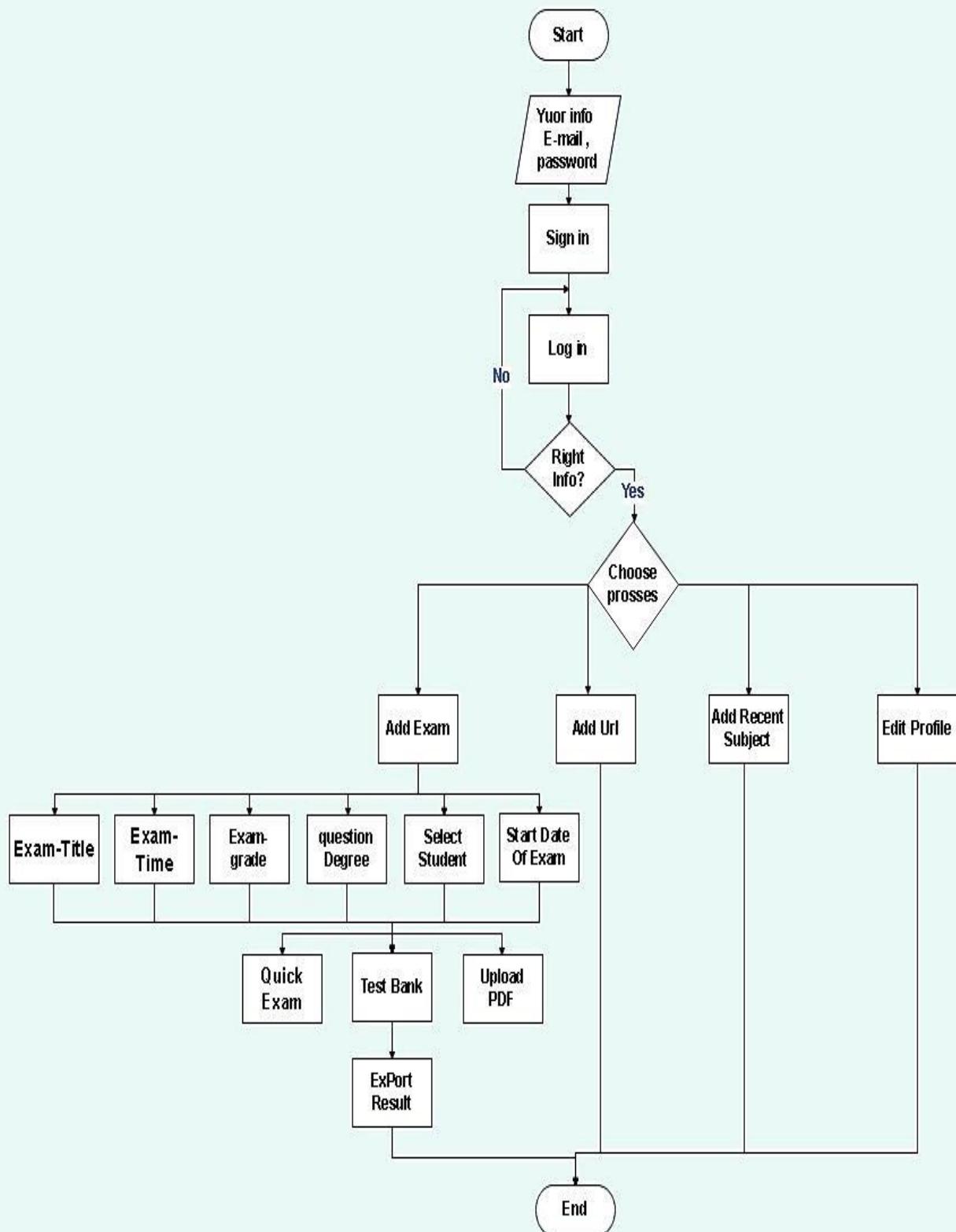
A flowchart is a diagram that depicts a process, system or computer algorithm. They are widely used in multiple fields to document, study, plan, improve and communicate often complex processes in clear, easy-to-understand diagrams.

Flowcharts are sometimes called by more specialized names such as Process Flowchart, Process Map, Functional Flowchart, Business Process Mapping, Business Process Modeling and Notation (BPMN), or Process Flow Diagram (PFD).

They are related to other popular diagrams, such as Data Flow Diagrams (DFDs) and Unified Modeling Language (UML) Activity Diagrams.

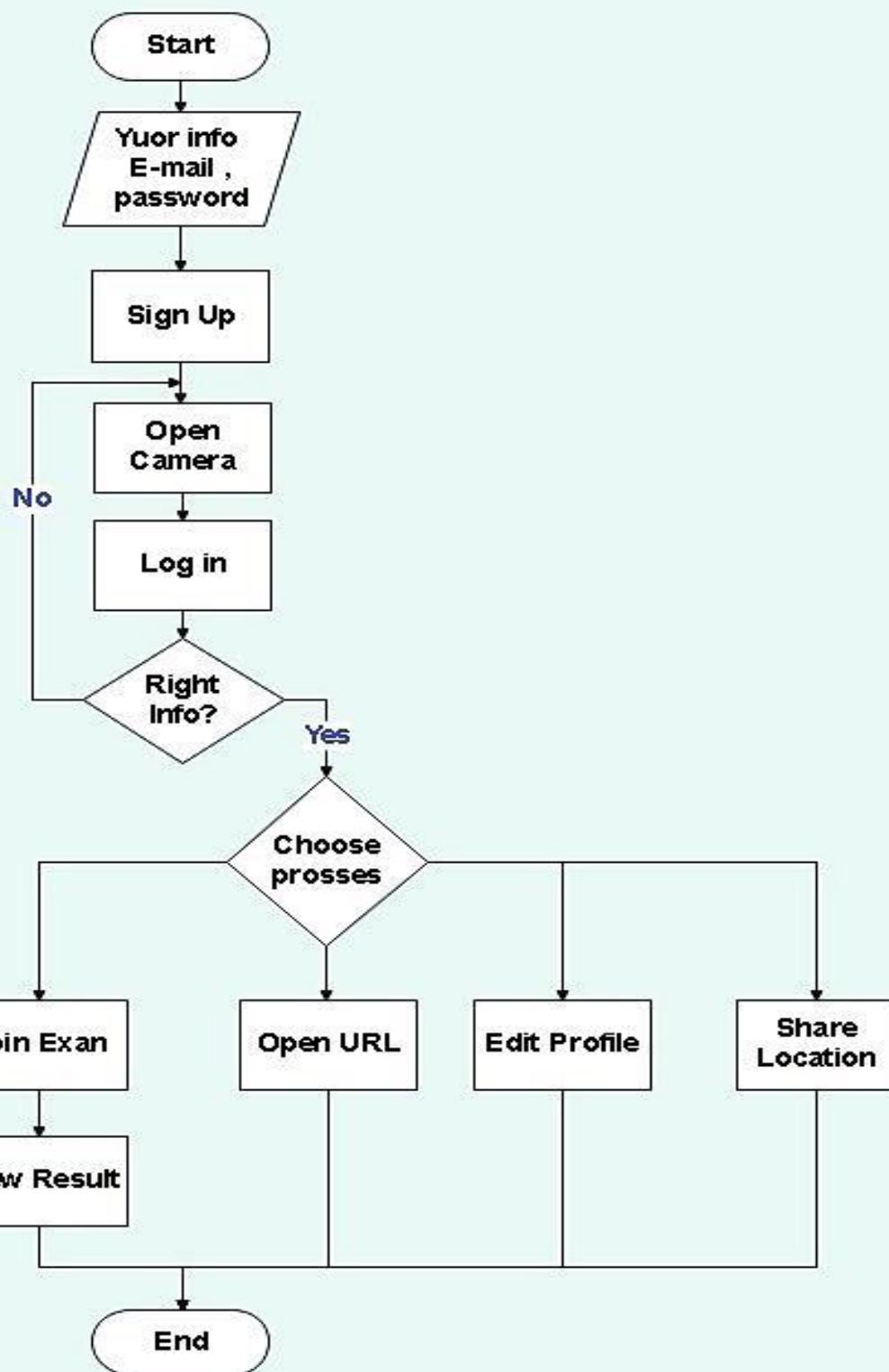


Flow Chart For Instructor:





Flow Chart For Student:





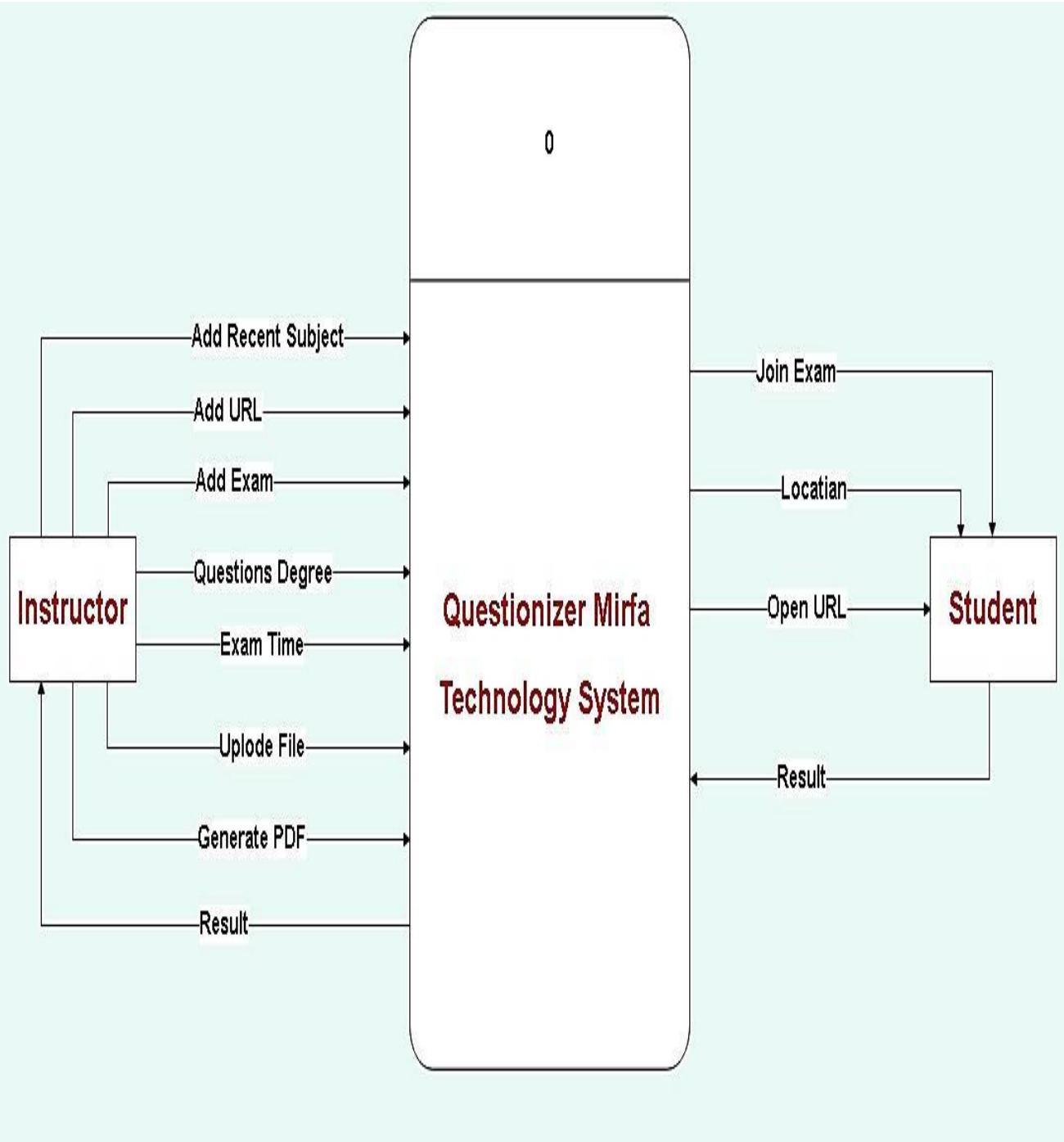
Context Diagram:

Context diagrams show the interactions between a system and other actors (external factors) with which the system is designed to interface. System context diagrams can be helpful in understanding the context which the system will be part of. They are used early in a project to get agreement on the scope and can be included in a requirements document. A context diagram shows the entire system as a single process.

Steps:

1. Label the system/process in the centre – name of system/process usually contains a verb
2. Identify entities that interact directly with the system/process – entities are usually a noun
3. Group like entities
4. Identify major flows of data between the entity and system/process.

Context Diagram



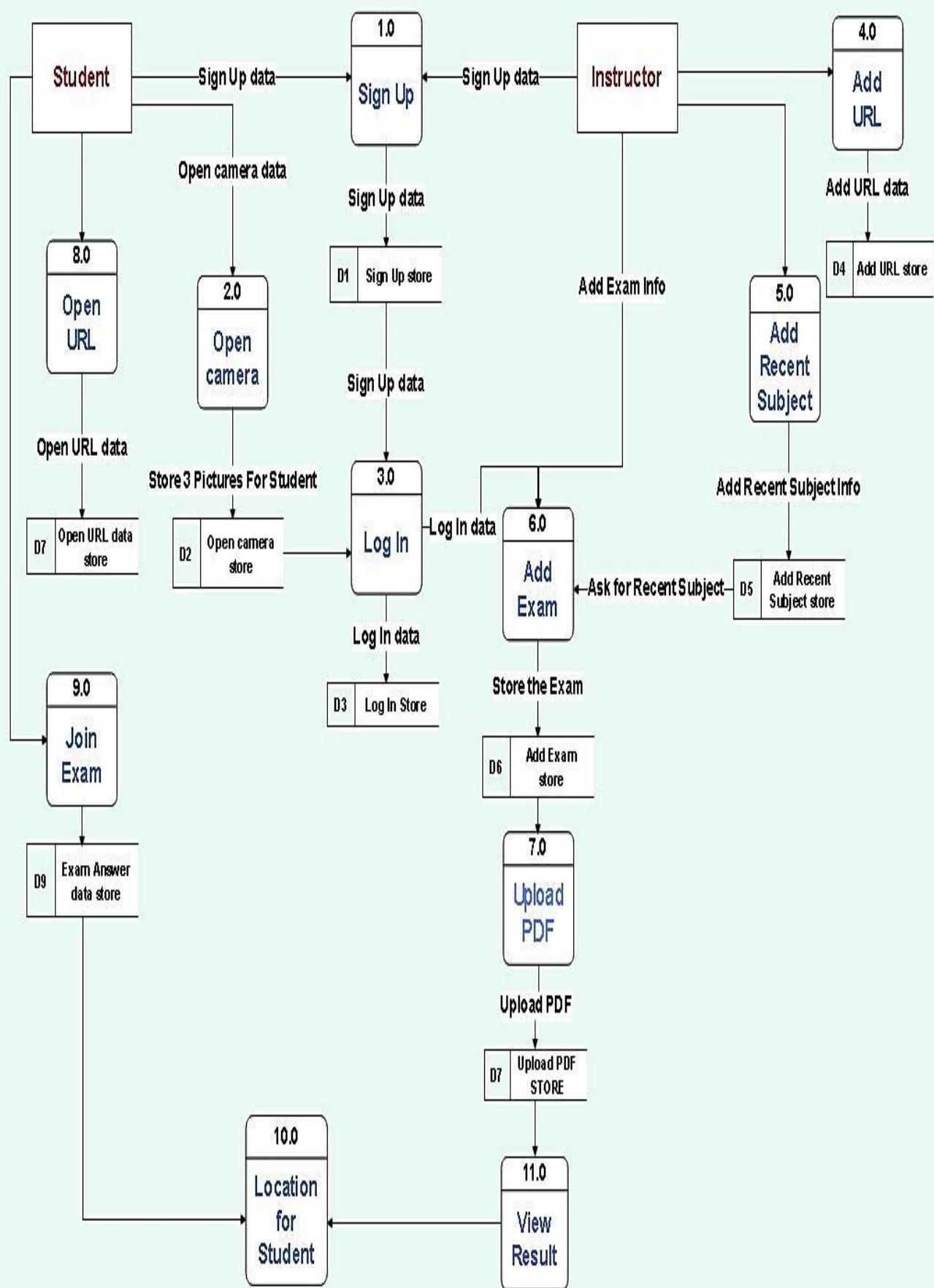


Data Flow Diagram :

A data flow diagram (DFD) maps out the flow of information for any process or system. It uses defined symbols like rectangles, circles and arrows, plus short text labels, to show data inputs, outputs, storage points and the routes between each destination.

➤ The components and features of an DF diagram

- External entity: an outside system that sends or receives data, communicating with the system being diagrammed.
- Process: any process that changes the data, producing an output. It might perform computations, or sort data based on logic, or direct the data flow based on business rules.
- Data store: files or repositories that hold information for later use, such as a database table or a membership form. Each data store receives a simple label, such as “Orders.”
- Data flow: the route that data takes between the external entities, processes and data stores.



Entity Relationship Diagram (ERD):

An Entity Relationship (ER) Diagram is a type of flowchart that illustrates how “entities” such as people, objects or concepts relate to each other within a system.

ER diagrams are related to data structure diagrams (DSDs), which focus on the relationships of elements within entities instead of relationships between entities themselves.

The components and features of an ER diagram

Entity

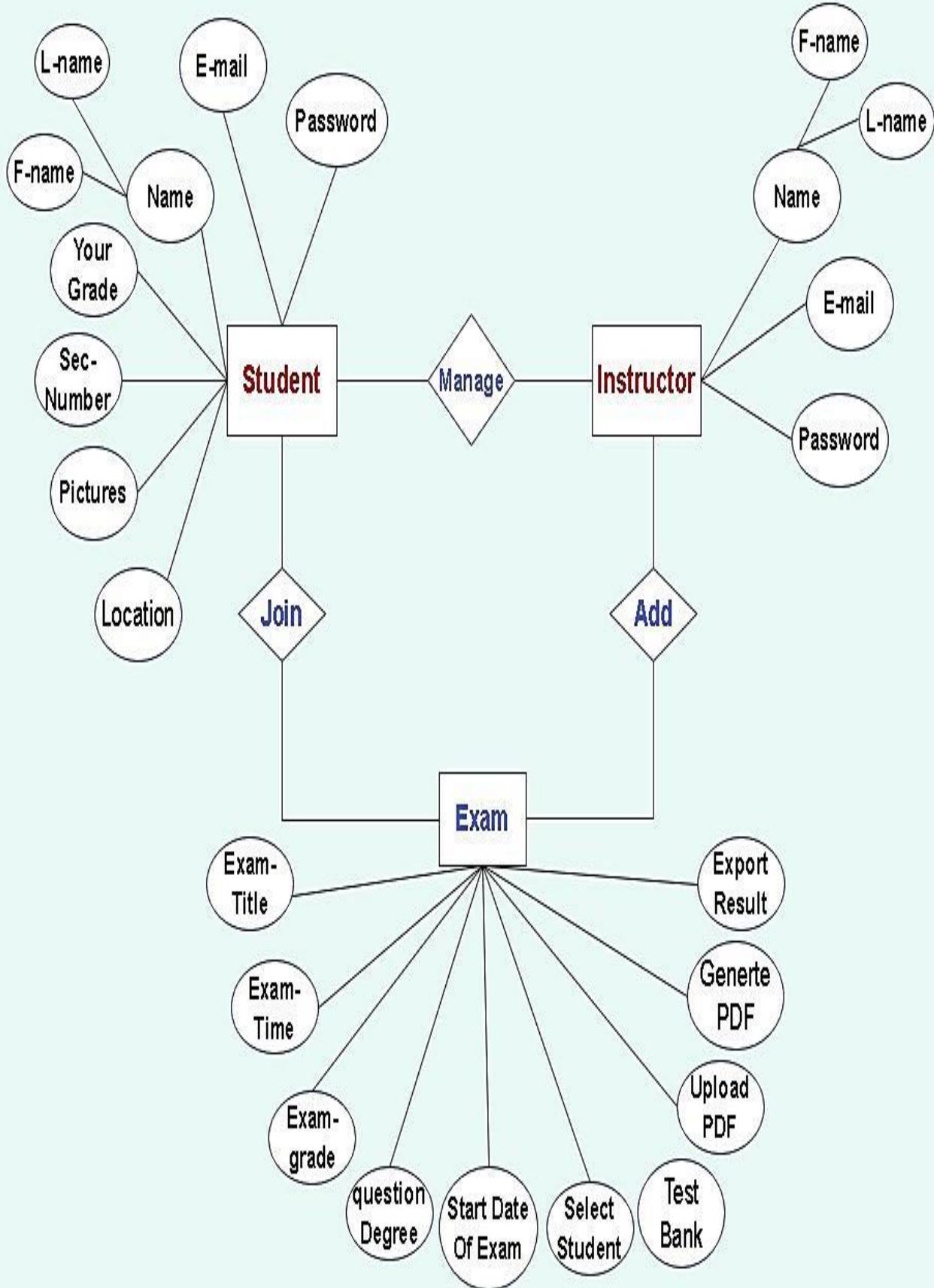
A definable thing—such as a person, object, concept or event—that can have data stored about it. Think of entities as nouns. Examples: a customer, student, car or product. Typically shown as a rectangle.

Relationship

The two entities would be the student and the course, and the relationship depicted is the act of enrolling, connecting the two entities in that way. Relationships are typically shown as diamonds or labels directly on the connecting lines.

Attribute

A property or characteristic of an entity. Often shown as an oval or circle.





Chapter 5

Design and Implementation Phase:-

```
File Edit Selection View Go Run Terminal Help
File Edit Selection View Go Run Terminal Help
generalsignup  SignUp.vue - Final project - Visual Studio Code
generalsignup
  computed: {
    ...mapState(['signUpModule']),
  },
  watch: {
    'render.username'(val) {
      if (val === "REACTOR") {
        this.images = [];
        this.render.securityLogs = [];
      }
    },
  },
  methods: {
    ...mapActions([
      'validateSignups',
      'checkProfile',
      'checkAvatar',
      'temploading',
    ]),
    uploadImage(e) {
      if (!e.target.files[0]) {
        return;
      }
      let imgObj = {
        file: e.target.files[0],
        checked: false,
        error: null,
      };
      let checkList = [imgObj];
      this.render.securityLogs.forEach((log) => {
        if (log.name === e.target.files[0].name) {
          checkList = [log];
        }
      });
      if (checkList.length === 1) {
        const fileHeader = new FileHeader();
        const img = e.target.files[0];
        this.render.securityLogs.push(img);
        fileHeader.addEventListener("load", () => {
          imgObj.url = fileHeader.result;
          this.images.push(imgObj);
        });
      }
    },
    removing(index) {
      this.images.splice(index, 1);
      this.render.securityLogs.splice(index, 1);
    },
    async getuserData() {
      const checkAuth = await this.$store.dispatch('checkAuth');
      if (checkAuth) {
        this.$router.push('/');
      } else {
        if (this.images.length < 3 || this.render.overdue === 'student') {
          this.checkLogIn.isThereLogIn = false;
          this.checkLogIn.errorMsg = "You have to upload 3 images of your face";
          return;
        }
        this.checkLogIn.isThereLogIn = true;
        this.checkLogIn.errorMsg = '';
        await this.$store.dispatch('checkAuth');
        if (this.signUpModule.errors) {
          document.querySelector('#sign-up-loading').style.cssText =
            'display: none';
        }
      }
    },
  },
  outline
  timeline
  
```



Sign up

Taha Alaa Fawzy

Reda Eslam

375553766735@gmail.com

Email address must end with 'fci.zu.edu.eg'

Student Instructor

Sign up

Login

Page of Sign up for Instructor

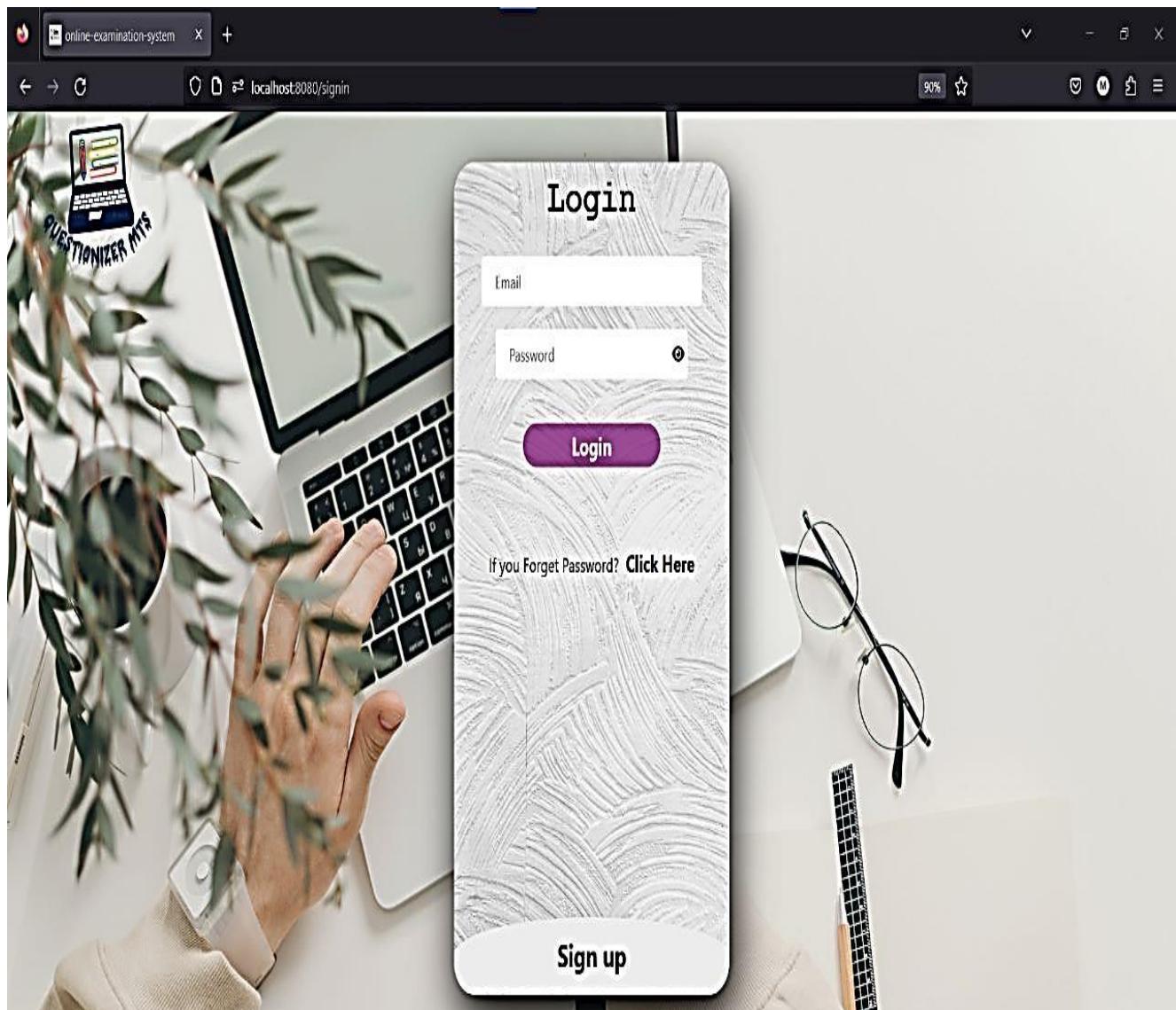


Signin.vue - Final project - Visual Studio Code

```
File Edit Selection View Go Run Terminal Help
```

```
157    mounted() {
158      async signin() {
159        const checkAuth = await this.$store.dispatch('checkAuth');
160        if (checkAuth) {
161          this.$router.push('/');
162        } else {
163          await this.checkAuth(this.$cookies);
164          if (this.$store.state.logInfo) {
165            if (this.$store.state.logInfo.userRole == "TEACHER") {
166              document.querySelector('#sign-in .loading').style.opacity = "0.7";
167              document.querySelector('#sign-in .loading').style.visibility =
168                "visible";
169              await fetch(
170                `${this.$store.state.apiUrl}/users/verify-login/${this.$store.state.logInfo.id}/${this.$store.state.logInfo.firstName}`,
171                { method: "POST", credentials: "include" }
172              )
173                .then(res => res.json())
174                .then(data => {
175                  if (this.$store.state.logInfo.userRole == "STUDENT") {
176                    localStorage.setItem("rule", "STUDENT");
177                    this.$cookies.set("/student-home");
178                  } else {
179                    localStorage.setItem("rule", "INSTRUCTOR");
180                    this.$cookies.set("/instructor-home");
181                  }
182                })
183                .catch(err => {
184                  console.log(err);
185                  this.$refs.signInServer.error("Failed to Login, Try Again", "close");
186                })
187                .finally(() => [
188                  document.querySelector("#sign-in .loading").style.opacity = "0";
189                  document.querySelector("#sign-in .loading").style.visibility =
190                    "hidden";
191                ])
192            ) catch(e) {
193              settimeout(() => {
194                document.querySelector("#sign-in .loading").style.opacity = "0";
195                document.querySelector("#sign-in .loading").style.visibility =
196                  "hidden";
197                setTimeout(() => {
198                  this.$refs.signInServer.error("Failed to Login, Try Again", "close");
199                }, 1000);
200              }, 1000);
201            }
202          }
203        }
204      }
205    }
206  
```

Line 158 Col 8 (selected) Space 2 LTR-B U via fannedjs/extension 1.1.3 (github-prerelease) P 0



Page of Login for Instructor



ForgetPassword.vue - Final project - Visual Studio Code

```
File Edit Selection View Go Run Terminal Help
```

```
src
  +-- # generated by Vuetify.js
    +-- index.html
    +-- components
        +-- global
            +-- logging
                +-- ForgetPassword.vue
                    <script>
                        import { computed, ref, watch } from 'vue';
                        import TheLoading from './loading/TheLoading.vue';

                        export default {
                            name: 'ForgetPassword',
                            data() {
                                return {
                                    email: '',
                                    loading: false,
                                };
                            },
                            components: { TheLoading },
                            computed: {
                                ...mapState(['forgetpass']),
                            },
                            methods: {
                                showAlert(icon, msg, title) {
                                    this.$swal({
                                        title: title,
                                        icon: icon,
                                        confirmButtonText: 'OK',
                                        confirmButtonColor: '#007bff',
                                        showCancelButton: true,
                                    });
                                },
                                ...mapActions(['setResetters', 'checkEmail', 'sendForgot']),
                                clearInputs() {
                                    e.currentTarget.style.display = 'none';
                                },
                                async getForgotPassword() {
                                    this.loading = true;
                                    const newForgot = await this.$store.dispatch('checkEmail', this.email);
                                    if (newForgot.error) {
                                        this.loading = false;
                                        this.showAlert('error', newForgot.error, 'try again');
                                    } else {
                                        this.loading = false;
                                        this.showAlert('success', newForgot.message, 'close');
                                        this.email = '';
                                    }
                                },
                                async mounted() {
                                    this.loading = true;
                                    this.$store.dispatch('getForgot');
                                    const checkEmail = await this.$store.dispatch('checkEmail', this.$route.state.urlLink);
                                    if (checkEmail) {
                                        this.$router.push('/');
                                    } else {
                                        this.loading = false;
                                    }
                                },
                            },
                        };
                    </script>
                    <template>
                        <div>
                            <input type="text" v-model="email" name="email" placeholder="Email" class="email" required />
                            <button Submit />
                        </div>
                        <div class="go-signin">
                            <a href="#" class="link">Create account</a>
                            <br/>
                            <a href="#" class="link">Forgot password?</a>
                        </div>
                    </template>
                    <style scoped>
                        .email {
                            width: 100px;
                        }
                        .link {
                            color: #007bff;
                            text-decoration: none;
                            font-weight: bold;
                        }
                    </style>
                
```

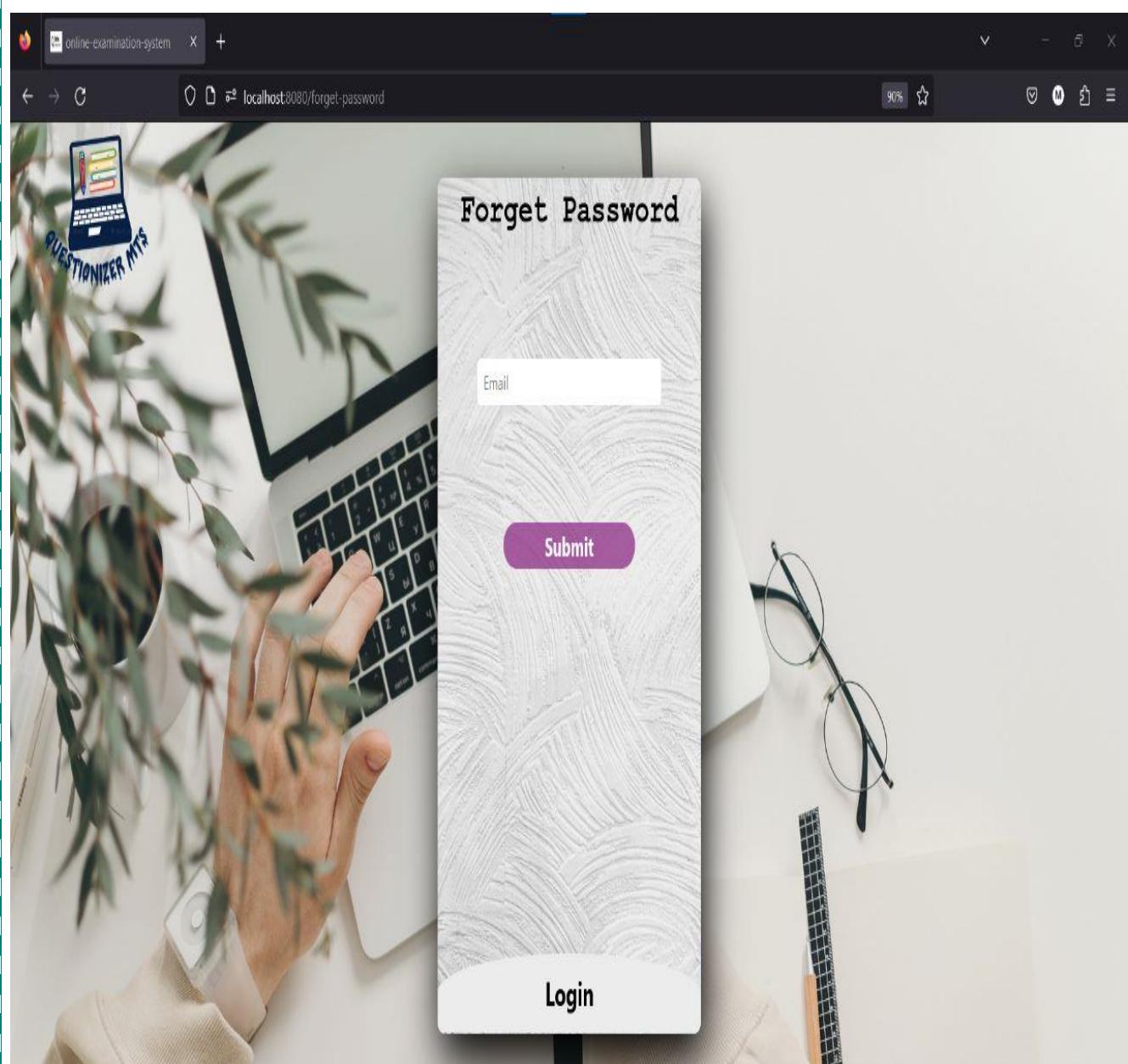
File Edit Selection View Go Run Terminal Help

ForgetPassword.vue - Final project - Visual Studio Code

```
File Edit Selection View Go Run Terminal Help
```

```
src
  +-- # generated by Vuetify.js
    +-- index.html
    +-- components
        +-- global
            +-- logging
                +-- ForgetPassword.vue
                    <script>
                        import { computed, ref, watch } from 'vue';
                        import TheLoading from './loading/TheLoading.vue';

                        export default {
                            name: 'ForgetPassword',
                            data() {
                                return {
                                    email: '',
                                    loading: false,
                                };
                            },
                            components: { TheLoading },
                            computed: {
                                ...mapState(['forgetpass']),
                            },
                            methods: {
                                showAlert(icon, msg, title) {
                                    this.$swal({
                                        title: title,
                                        icon: icon,
                                        confirmButtonText: 'OK',
                                        confirmButtonColor: '#007bff',
                                        showCancelButton: true,
                                    });
                                },
                                ...mapActions(['setResetters', 'checkEmail', 'sendForgot']),
                                clearInputs() {
                                    e.currentTarget.style.display = 'none';
                                },
                                async getForgotPassword() {
                                    this.loading = true;
                                    const newForgot = await this.$store.dispatch('checkEmail', this.email);
                                    if (newForgot.error) {
                                        this.loading = false;
                                        this.showAlert('error', newForgot.error, 'try again');
                                    } else {
                                        this.loading = false;
                                        this.showAlert('success', newForgot.message, 'close');
                                        this.email = '';
                                    }
                                },
                                async mounted() {
                                    this.loading = true;
                                    this.$store.dispatch('getForgot');
                                    const checkEmail = await this.$store.dispatch('checkEmail', this.$route.state.urlLink);
                                    if (checkEmail) {
                                        this.$router.push('/');
                                    } else {
                                        this.loading = false;
                                    }
                                },
                            },
                        };
                    </script>
                    <template>
                        <div>
                            <input type="text" v-model="email" name="email" placeholder="Email" class="email" required />
                            <button Submit />
                        </div>
                        <div class="go-signin">
                            <a href="#" class="link">Create account</a>
                            <br/>
                            <a href="#" class="link">Forgot password?</a>
                        </div>
                    </template>
                    <style scoped>
                        .email {
                            width: 100px;
                        }
                        .link {
                            color: #007bff;
                            text-decoration: none;
                            font-weight: bold;
                        }
                    </style>
                
```



Page of Forget Password



File Edit Selection View Go Run Terminal Help DrHomeComponent.vue - Final project - Visual Studio Code

EXPLORER ... generateExams DrHomeComponent.vue X

```
FINAL PROJECT
  / bootstrap
  / components
    / error404
      - NotFound.vue M
    / global
      / loading
        - TheLoading.vue
      / logging
        - ForgetPasswo... M
        - SignIn.vue
        - SignUp.vue
    / Profile
      - EditProfile.vue
      - TheProfile.vue M
    / themes
    / instructor
      / HomePage
        - DrHomeComponent.vue
        - SeeResults.vue
        - SeeResults.vue M
      / test-creating
        - CreateExam.vue M
        - ExamDetails.vue M
        - GeneratePopups.vue
      / test-preview
        - TestPreview.vue M
      / testBank
        - BankPage.vue
        - SubjectsHome.vue
        - SubjectsPreview.vue
      / student
        / HomePage
          - StudentHome.vue
        / search
          - image.jpg
          - SearchPreview.vue
        / StartTest
        / router
    / OUTLINE
    / TIMELINE
```

```
378  };
379  await this.doDelSharedExam(payload);
380  await this.doDelExamsAction(localStorage.getItem("del-exam"));
381  let theId = checkAuth._id;
382  this.doDelSharedExam(payload);
383  await this doGetExams(theId);
384  this.getAllExams = this.InstrucHome.allExams;
385  localStorage.removeItem("del-exam");
386  }
387  },
388  openAddUrl() {
389  document.querySelector(".dr-home .add-url-div .add-url").style.display =
390  "none";
391  document.querySelector(
392  ".dr-home .add-url-div .write-url-div"
393  ).style.display = "block";
394  document
395  .querySelectorAll(".dr-home .add-url-div .write-url-div input")
396  .forEach((inp) => {
397  inp.value = "";
398  });
399  closeUrl();
400  },
401  closeUrl() {
402  document.querySelector(".dr-home .add-url-div .add-url").style.display =
403  "block";
404  document.querySelector(
405  ".dr-home .add-url-div .write-url-div"
406  ).style.display = "none";
407  },
408  async addNewUrl() {
409  const checkAuth = await this.doCheckAuth(this.$store.state.apiUrl);
410
411  if (!checkAuth) {
412  this.$router.push("/signin");
413  } else {
414  let urlInp = document.querySelector(
415  ".dr-home .add-url-div .write-url-div input[type=url]"
416  );
417  let allUrls = [];
418  if (
419  document.querySelector(".dr-home .add-url-div .urls ul").innerHTML !=
420  "") {
421  allUrls = document.querySelectorAll(
422  ".dr-home .add-url-div .urls ul li"
423  );
```

Ln 401 Col 79 Spaces 2: UTF-8 CRLF vue frontend.jsonconfig 5.13 <tagName prop-name/> R C



online-examination-system X +

localhost:8080/instructor-home

QUESTIONIZER MTS

Recent Exams

Decision Analysis

test

software

Recent URLs

Secand Lecture Of Forecasting

The screenshot shows the 'instructor-home' page of the 'online-examination-system'. At the top, there is a navigation bar with icons for notification, edit profile, and exit. Below the navigation bar, there are two main sections: 'Recent Exams' and 'Recent URLs'. The 'Recent Exams' section displays four cards, each representing a quiz. The first card is for 'Forecasting' (start: 09:30, end: 09:50, status: Open). The second card is for 'Decision Analysis' (start: 02:00, end: 03:00, status: Closed). The third card is for 'test' (start: 21:53, end: 09:53, status: Closed). The fourth card is for 'software' (start: 00:00, end: 19:00, status: Closed). Each card has 'Results' and 'Delete' buttons. The 'Recent URLs' section shows a single card for 'Secand Lecture Of Forecasting', which features a stack of books and glasses on a desk. A large pink '+' button is located at the bottom center of the page.

Instructor's page that create Exams and add URLs

- There are **notification** button , **Edit profile** button and **Exit** button in nav bar



QUESTIONIZER MTS

File Edit Selection View Go Run Terminal Help DHomeComponent.vue - Final project - Visual Studio Code

EXPLORER ... # generateExam.js DHomeComponent.vue

FINAL PROJECT
srujanjs
> students
> exam_files
> middlewares
> models
> node_modules
> profile.json
> routes
0 env
B index.js
[] package-lock.json
[] package.json
0 README.md
frontend
> release
> dist
> fontawesome-free-6.1.0-web
> node_modules
> public
 src
 > assets
 > bootstrap
 components
 > error404
 global
 loading
 theLoading.vue
 logging
 forgetPassword.vue
 signature
 signature
 > profile
 > theorav
 instructor
 views
 Home Page
 DHomeComponent.vue
 > SetResults
 > test-creating
 test preview
 TestPreview.vue
 > testlink
 > student
 router
 store
 views
 Approve
 > marks
 OUTLINE
 > TIMELINE

```
1 <template>
2   <div class="dr-home">
3     <theNav />
4     <div class="container-fluid mt-3">
5       <theLoading />
6
7       <div class="row">
8         <div class="col-12 col-sm-8 pr-sm-2">
9           <div class="add-exam-div">
10             <div class="title">
11               <h3 class="text-center py-3">Recent Exams</h3>
12             </div>
13             <div class="exams px-3">
14               <div class="empty-exams"
15                 v-if="getAllExams == '' || getAllExams == 0"
16               >
17                 <p>There is no Exams added yet !</p>
18               </div>
19             <div class="row">
20               <div
21                 v-for="exam in getAllExams"
22                   :key="exam.id"
23                   class="col-6 col-sm-4 col-lg-3 mb-2 exam-card"
24                   id="exam_id"
25                   data-time="exam.time"
26                   data-degree="exam.totalDegree"
27               >
28                 <div
29                   class="exam-card p-4 position-relative"
30                   style="width: 18rem"
31                 >
32                   
38                   <div class="exam-body card-body">
39                     <div class="d-flex align-items-center">
40                       <h5 class="exam-title card-title">
41                         {{ exam.title }}
42                       </h5>
43                     </div>
44                     <p class="exam-date d-flex align-items-center">
45                       <span class="month">{{ exam.startDate }}</span>
46                     </p>
47                     <p class="exam-start-time d-flex align-items-center">
48                       <span class="exam-start-time">
49                         start: {{ exam.startTimeAt.slice(0, 5) }}</span>
50                       </span>
51                     </p>
52                     <p class="exam-end-time mb-1">
53                       <span>End: {{ exam.endTimeAt.slice(0, 5) }}</span>
54                     </p>
55                     <p>
```

ln1, Col1 Spaces2 UTF-8 CR LF vue frontend/config.json 513 <TopLine prop name> R C



online-examination-system X +

localhost:8080/exam-details

67% ⚡ M 🔍

≡ 🔔 🌐 ↗

Write Your Exam Title Here

Exam Time Out

1 Minutes

Exam Grade

First Grade

Question Degree

Default Degree 0 Custom Degree 0

Degree / Question

Start And End

Start Date: 07/06/2023

Start Time: ..:.. ..

End Time: ..:.. ..

Submit

This screenshot shows the 'Exam Details' page of an online examination system. The page has a dark-themed overlay on a light-colored background image. The overlay contains fields for 'Exam Title', 'Exam Time Out' (set to 1 minute), 'Exam Grade' (set to 'First Grade'), 'Question Degree' (with 'Default Degree' at 0 and 'Custom Degree' at 0), and 'Start And End' dates/times. A 'Submit' button is at the bottom. The background image features a person's hands on a keyboard, green leaves in the foreground, and a pair of glasses and a pencil in the background.

This page describe **Exam Details.**



QUESTIONIZER MTS

File Edit Selection View Go Run Terminal Help ExamDetails.vue - Final project - Visual Studio Code

EXPLORER ... # generateExam.js ExamDetails.vue N X

```
frontend>src>components>instructor>test-creating>ExamDetails.vue > () template
  <template>
    ...
    <!-- mapState(['getSubjects']) -->
  </template>
  <script>
    ...
    methods: {
      ...
      ...mapActions([
        'doGetSubjects',
        'doAddExam',
        'doCheckAuth',
        'uploadPdfFunc'
      ]),
      async uploadPdf(e) {
        if (e.target.files[0]) {
          this.generatePopup = false;
          return;
        }
        this.pdfQuestions = [];
        this.generatePopup = true;
        this.loading = true;
        let generatedQuestions = await this.uploadPdfFunc({
          pdf: e.target.files[0],
        });
        if (generatedQuestions) {
          generatedQuestions.questions.forEach((q, i) => {
            let correctAns = q.correct_answer;
            delete q.correct_answer;
            let hasAnswer;
            q.choices.forEach((choice, i) => {
              if (choice == correctAns) {
                q.correctAnswerIndex = i + 1;
                hasAnswer = true;
              }
            });
            if (!hasAnswer) {
              generatedQuestions.questions.splice(i, 1);
            }
          });
          this.pdfQuestions = generatedQuestions.questions;
        }
        this.generatePopup = false;
        this.loading = false;
      },
      defaultDegreeSelect() {
        document.querySelector('.exam-details__degree-div .default-field label').style.display = 'inline-block';
      },
      sync createGeneratedExam() {
        this.pdfQuestions.forEach(q => {
          q.degree = this.pdfQuesDegree;
        });
        this.examToSave.questions = this.pdfQuestions.splice(0, this.pdfSelectedQuestions);
      }
    }
  </script>
  <style>
    ...
  </style>
  <script>
    ...
  </script>

```

OUTLINE TIMELINE

main.js @ 1.0.0

ln1, Col1 | Spaces 2 | UTF-8 | CR/LF | vue | mounted|config.json | 513 | <highName prop-name> | R | C



online-examination-system

localhost:8080/exam-details

80%

software

Exam Time Out

5 Minutes

Exam Grade

Final Grade

Quick Exam Test Bank Upload Pdf

Question Degree

Degree / Question

Start And End

Start Date: 07/06/2023

Start Time: 11:11 AM

End Time: 11:00 PM

questions: alltheques,

Ln 78, Col 52 Spaces 2 UTF-8 CR LF vue monacojsconfig.json 513 <logName prop-name>

The Methods Used To Generate an Exam.



QUESTIONIZER MTS

CreateExam.vue - Final project - Visual Studio Code

```
File Edit Selection View Go Run Terminal Help
```

generateExam.js ▾ CreateExam.vue H X

frontend > src > components > instructor > test-creating > CreateExam.vue

```
document.querySelectorAll(".create-test .ques-container .btns input")
    .forEach((degree) => {
        this.questionDegrees.push(degree.value);
        this.degreeCounter += JSON.parse(degree.value);
    });
this.allExamDetails = [
    title: this.localStorageBeta.title,
    totalTime: this.localStorageData.totalTime,
    startTime: this.localStorageData.startTime,
    endTime: this.localStorageData.endTime,
    startDate: this.localStorageData.startDate,
    totalDegrees: this.degreeCounter,
    status: "Pending",
    userId: checkAuth._id,
    grade: this.localStorageData.grade,
];
let allTheQues = [];
for (let k = 0; k < this.questionsArr.length; k++) {
    let quesTitle = this.questionsArr[k].title;
    let quesDegree = this.questionsArr[k].quesDegree;
    let correctAns = this.questionsArr[k].correctAnswer;
    let choose1 = this.questionsArr[k].choices[0];
    let choose2 = this.questionsArr[k].choices[1];
    let choose3 = "";
    let choose4 = "";
    if (this.questionsArr[k].choices.length > 2) {
        choose3 = this.questionsArr[k].choices[2];
        if (this.questionsArr[k].choices.length > 3) {
            choose4 = this.questionsArr[k].choices[3];
        }
    }
    const choicesArr = [];
    choicesArr.push(choose1);
    choicesArr.push(choose2);
    choicesArr.push(choose3);
    choicesArr.push(choose4);
    const examQuesData = {
        question: quesTitle,
        degree: quesDegree,
        choices: choicesArr,
        correctAnswerColumn: JSON.parse(correctAns[0]) + 1,
    };
    allTheQues.push(examQuesData);
}
const theExam = {
    instructoruserId: this.allExamDetails.userId,
    startDate: this.allExamDetails.startDate,
    startTime: this.allExamDetails.startTime,
    endTime: this.allExamDetails.endTime,
    status: this.allExamDetails.status,
    totalDegree: this.allExamDetails.totalDegrees,
    time: this.allExamDetails.totalTime,
    title: this.allExamDetails.title,
    questions: allTheQues,
```

In 78, Col 52, Spaces 2, UTF-8, CR LF, vue, frontend/config.json, 513 <logName prop name>, R, C



online-examination-system X +

localhost:8080/create-exam

80% ⚡ 🌐 🎯 🏷️ 🎧 📁 🗃

☰ 🔔 📥

1 + Question One

software

1+ Write Your Question Here..

A Choice

B Choice

C Choice

Add Choice

Degree 0

Save Exam

This page describe how to **Create Quick Exam.**



online-examination-system X +

localhost:8080/exam-details

Minutes

Exam Grade

First Grade

Question Degree

Easy 0 0 Medium 0 0

Difficult 0 0

Degree / Question
Question Degree

Start and End

Create Exam

Start Date: [input field]

Start Time: 11:11 AM

End Date: [input field]

End Time: 12:00 AM

Submit

This screenshot shows a web-based application for generating exams from a test bank. At the top, there's a navigation bar with a logo for 'online-examination-system' and a URL 'localhost:8080/exam-details'. Below the bar, a timer indicates '1 Minutes'. The main area is titled 'Exam Grade' with a dropdown set to 'First Grade'. A purple box labeled 'Question Degree' contains three categories: 'Easy' (0), 'Medium' (0), and 'Difficult' (0). Below this is another purple box labeled 'Degree / Question Question Degree' with a 'Create Exam' button. At the bottom, there are fields for 'Start Date' and 'End Date', and a 'Submit' button. The background features a dark, slightly blurred image of a person working at a desk.

This page describe how to **Generate Exam from Test Bank**



File Edit Selection View Go Run Terminal Help

TestPreview.vue - Final project - Visual Studio Code

EXPLORER Type to search ⌂

generated.js ▼ TestPreview.vue M X

```
frontend>src>components>inductor>test-preview>▼TestPreview.vue () style>▼test-preview ques container>▼quesRow>4 input
  25    </input>
  26  <div>
  27    <input class="ques-choice" disabled placeholder="Choice" value="choice" v-if="choice != ''" />
  28  </div>
  29  </div>
  30  <p class="ques-deg m-4 mr-5 text-center" style="font-size: 18px">
  31    {{ question.degree }} / Degree
  32  </p>
  33  </div>
  34  <div class="degree-time d-flex justify-content-around align-items-center">
  35    <div class="degree">
  36      <h3>Total Degree</h3>
  37      <p class="degree-text">
  38        {{ examPrev.examDetails.totalDegree }} / Degrees
  39    </p>
  40  </div>
  41  <div class="time">
  42    <h3>Total Time</h3>
  43    <p class="time-text">{{ examPrev.examDetails.time }} / Minutes</p>
  44  </div>
  45  </div>
  46  </div>
  47  </div>
  48  </template>
  49
  50  <script>
  51    import Thelav from '@/components/global/themes/Thelav.vue';
  52    import { mapActions, mapState } from "vuex";
  53    import Theloading from '@/components/global/loading/Theloading.vue';
  54
  55    export default {
  56      name: "TestPreview",
  57      components: {
  58        Thelav,
  59        Theloading,
  60      },
  61      computed: {
  62        ...mapState(["examPrev"]),
  63      },
  64      methods: {
  65        ...mapActions(["getExamQuestions", "doCheckAuth"]),
  66      },
  67      async mounted() {
  68        const checkAuth = await this.doCheckAuth(this.$store.state.apl.link);
  69        if (!checkAuth) {
  70          this.$router.push("/signin");
  71        } else {
  72          await this.getExamQuestions(this.$route.params.id);
  73          document.querySelector(".test-preview .loading").style.cssText = `>
  74            opacity: 0; visibility: hidden
  75        `;
  76      }
  77    },
  78  };
  79  </script>
```

In 115 Col 1 Spaces 2 UTF-8 CR LF vue frontend/config.json 5.1.3 <fileName.proName> R C

online-examination-system X Telegram Web X +

localhost:8080/test-preview/64a60e8f94138cab74f7b8a0 67% ⚡ M 🔍

≡ Decision Analysis

1+ The high computational complexity of binary-coded GA is due to the more bits.

1 True

2 False

1 / Degree

2+ What is a feedforward neural network?

1 A network where the information moves in circular directions

2 A network where the information moves in both directions, forward and backward

3 A network where the information moves only in one direction, forward, from the input nodes.

4 A network where the information moves in random directions

1 / Degree



This page show Instructor Generate Exam from Pdf.



online-examination-system

localhost:8080/subjects-home

Recent Subjects

Easy 0

Medium 0

Difficult 0

This page show **only Instructor available Recent Subject**



online-examination-system

localhost:8080/test-bank

fuzzy

1+ Write Your Question Here..

A Choice

B Choice

C Choice

Add Choice

Save Subject

This screenshot shows a web-based application for creating examination questions. The interface includes a sidebar on the left with a 'Question One' section and a '+' button. The main area features a placeholder text '1+ Write Your Question Here..'. Below it is a list of three choice options: 'A Choice', 'B Choice', and 'C Choice', each with a small radio button icon. A 'Save Subject' button is located at the bottom right. In the background, a person's hands are visible, one holding a yellow pen and writing in a notebook. The application has a purple header bar with the 'QUESTIONIZER MTS' logo and a bell icon.

This page describe how to **Create Recent Subject**.



online-examination-system Data | Cloud: MongoDB Cloud

localhost:8080/instructor-home

Recent Exams

No Student Available!

Recent URLs

Grade: All Grades

Section: All Sections

No Student Available!

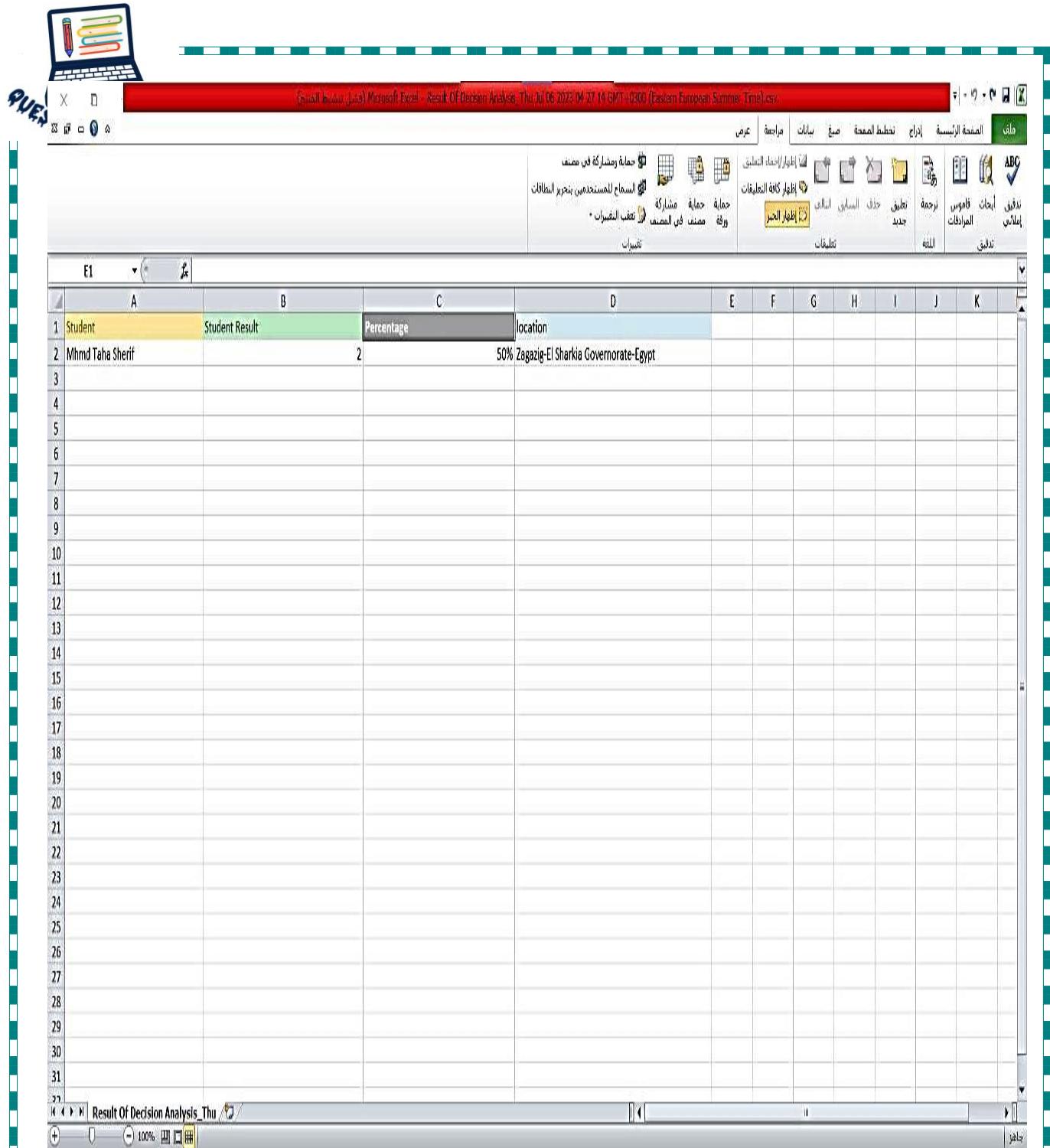
When the instructor wants to **share** the exam for a specific grade and a specific section.



The screenshot shows a web browser window with two tabs: "online-examination-system" and "Data | Cloud: MongoDB Cloud". The main content area displays a "Decision Analysis" report for a student named "Mhmd Taha Sherif". The report includes the student's name, result (2), percentage (50%), and location (Zagazig-El Sharkia Governorate-Egypt). The background of the report features a photograph of a person holding a spiral-bound notebook with "EXAM Results" written on it, along with an alarm clock and a pair of glasses.

Student	Student Result	Percentage	location
Mhmd Taha Sherif	2	50%	Zagazig-El Sharkia Governorate-Egypt

After the students take the exam, the program creates a table containing the **student's email, grade, percentage, and location**.



The screenshot shows a Microsoft Excel spreadsheet titled "Result Of Decision Analysis_Thu 06 06 2023 (4:27:14 GMT+0300) (Eastern European Summer Time).csv". The ribbon menu is in Arabic, with tabs like "ملف" (File), "المقدمة الرئيسية" (Home), "الإدخال" (Insert), "تحطيم المقدمة" (Break Text), "صيغة" (Format), "بيانات" (Data), and "مراجعة" (Review). The main content area displays a single row of data:

A	B	C	D
1 Student	Student Result	Percentage	location
2 Mhmd Taha Sherif		2	50% Zagazig-El Sharkia Governorate-Egypt
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
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The instructor by pressing the export button, it downloads a sheet containing all the students' data.



File Edit Selection View Go Run Terminal Help

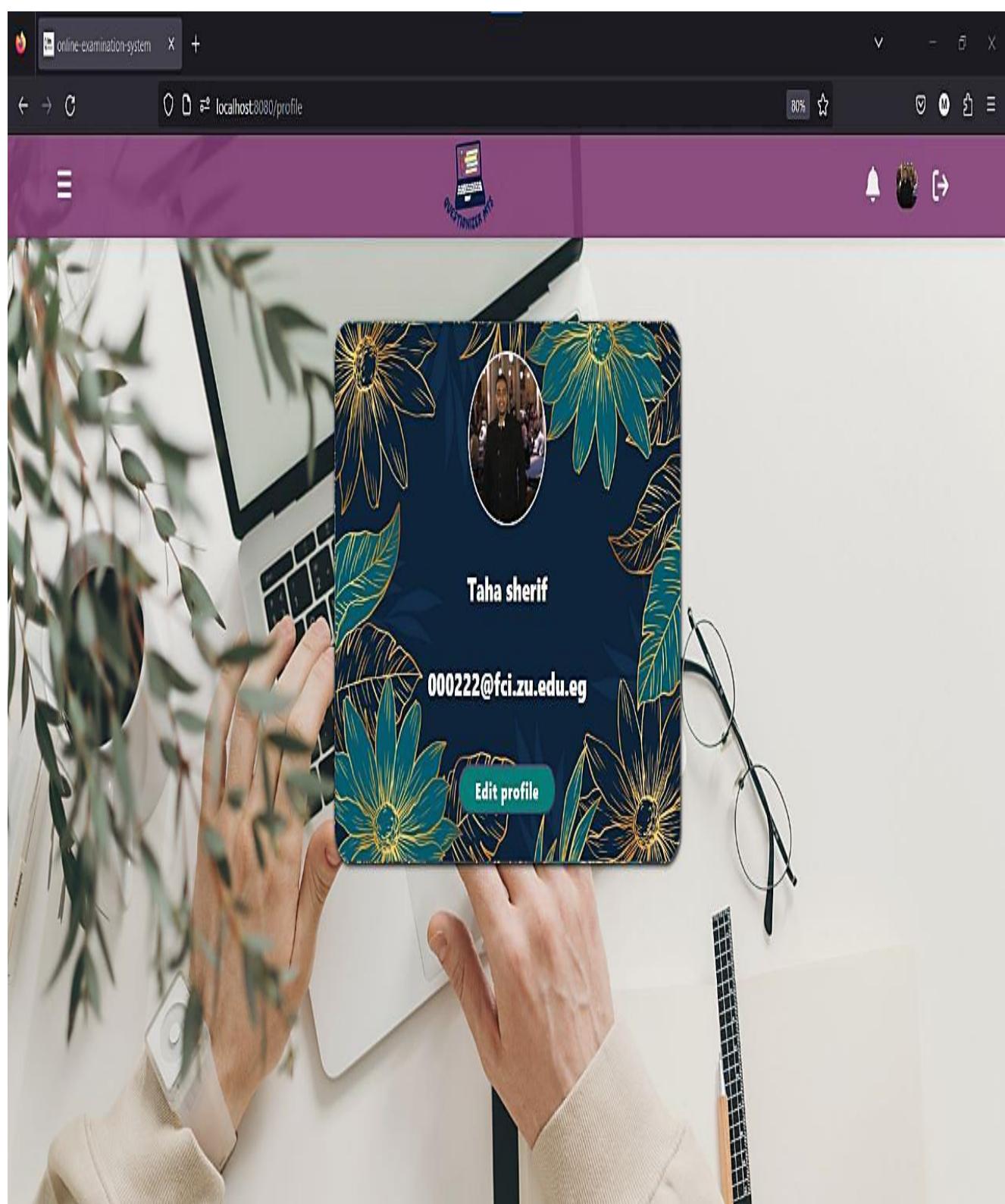
TheProfile.vue - Final project - Visual Studio Code

X



```
fronted>src>components>global>Profile>TheProfile.vue
<>
</>
<script>
  import TheNav from "@/components/global/theme/TheNav.vue";
  import TheLoading from "@/components/global/loading/TheLoading.vue";
  import { mapState, mapActions } from "vuex";
</script>
<template>
  <div>
    <TheNav />
    <TheLoading />
    <div>
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```

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Profile page of instructor



QUESTIONIZER MTS

TheProfile.vue - Final project - Visual Studio Code

```
File Edit Selection View Go Run Terminal Help
```

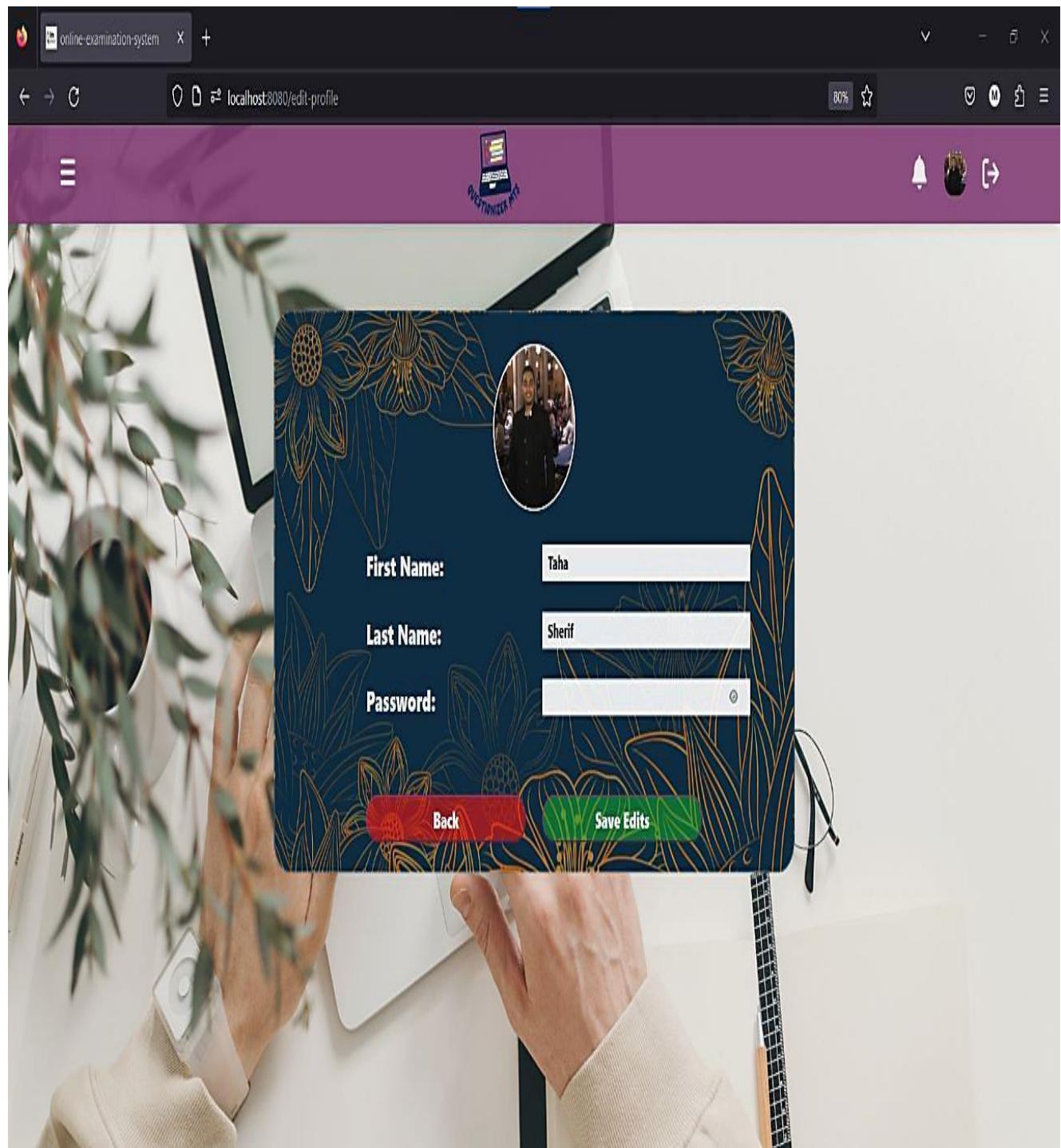
generated.js ▾ TheProfile.vue

```
frontend>src>components>global>Profile>TheProfile.vue
```

```
script
import TheNav from "@/components/global/theme/TheNav.vue";
import TheLoading from "@/components/global/loading/TheLoading.vue";
import { mapState, mapMutations } from "vuex";

export default {
  name: "TheProfile",
  components: {
    TheNav,
    TheLoading,
  },
  computed: {
    ...mapState(["userInfo", "setUserInfo"]),
  },
  data() {
    return {
      firstName: "",
      lastName: "",
      email: "",
      photos: "",
      userID: "",
    };
  },
  methods: {
    ...mapActions(["doCheckAuth"]),
    closePhoto(e) {
      e.target.parentElement.style.display = "none";
    },
    showing(e) {
      const styles = window.getComputedStyle(e.target.parentElement);
      if (e.target.getAttribute("src")) {
        document.querySelector(
          ".profile .show-profile .img-field"
        ).style.backgroundImage = `url(${e.target.getAttribute("src")})`;
      } else {
        document.querySelector(
          ".profile .show-profile .img-field"
        ).style.backgroundImage = styles.backgroundImage;
      }
    },
    document.querySelector(".profile .show-profile").style.display = "block";
  },
  async mounted() {
    const checkAuth = await this.doCheckAuth(this.$store.state.apilink);
    if (!checkAuth) {
      this.$router.push("/signin");
    } else {
      setTimeout(() => {
        document.querySelector(
          ".profile .profile-info .loading"
        ).style.opacity = "0";
        document.querySelector(
          ".profile .profile-info .loading"
        ).style.display = "none";
      }, 1000);
    }
  }
}
```

In 1 Col 1 Spaces 2 UTF-8 LF Vue monokai.json 5.3.3 <logName>.prjName.js R C



Edit Profile page of instructor



File Edit Selection View Go Run Terminal Help

Sign Up.vue - Final project - Visual Studio Code

EXPLORER

FINAL PROJECT
src
students
notifications.js
savedTests.js
exam_files
middlewares
models
node_modules
profilings
routes
env
index.js
package-lock.json
package.json
README.md
frontend
firebase
dist
fontawesome-free-6.1.0-web
node_modules
public
src
assets
bootstrap
components
error404
global
loading
logging
ForgotPassword.vue
Signin.vue
Signup.vue
Profile
thenav
instructor
HomePage
SeeResults
test-creating
CreateExam.vue
ExamDetails.vue
GeneratePopup.vue
test-preview
TestBank
student
HomePage
StudentHome.vue
search
OUTLINE
TIMELINE

```
148     <option value="#017">Section 17</option>
149     <option value="#018">Section 18</option>
150     <option value="#019">Section 19</option>
151     <option value="#020">Section 20</option>
152   </select>
153 </div>
154 <br style="background-color: ##848598; margin: -10px 20px 10px;" />
155 <div class="upload-ings" v-if="newUser.userRole == 'STUDENT'">
156   <label
157     class="d-block text-center"
158     for="load"
159     style="color: #rgb(0, 0, 0);font-family:cursive;font-size: 18px"
160   >Upload 3 Security Images</label>
161 </div>
162 <div
163   style=
164     width: 40px;
165   margin: auto;
166   height: 40px;
167   position: relative;
168   >
169   <i
170     class="fa fa-camera"
171     style="color: #rgb(0, 0, 0); font-size: 30px; cursor: pointer"></i>
172 </div>
173 <input
174   type="file"
175   accept="image/*"
176   @change="uploading"
177   name="upload"
178   :disabled="images.length > 2"
179 />
180 </div>
181 <div
182   class="images-display"
183   style="overflow-x: auto;
184   overflow-y: auto;
185   display: flex;
186   justify-content: space-around;
187   gap: 30px;
188   padding: 0px 12px 5px;
189   flex-wrap: wrap;
190   ${[
191     images.length > 0
192       ? 'height: 230px; margin-bottom: 25px;'
193       : 'height: unset; margin-bottom: 0;'
194   }"
195   >
196   <div
197     v-for="(img, i) in images"
198     :key="i"
199     style="max-width: 200px; max-height: 200px"
200   >
```

Ln 166, Col 30 Spaces: 2 UTF-8 LF vue frontend\js\config.json 5.1.3 <TagName prop-name/> R D



The screenshot shows a Firefox browser window with the URL `localhost:8080/signup`. The main content is a "Sign up" form for an "online-examination-system".
Fields filled:

- Name: Taha Alaa Fawzy
- Email: Reda Eslam
- Temporary Email: 375553766735@gmail.com

A red error message is displayed above the temporary email field: "Email address must end with 'fci.zu.edu.eg'"
Other form elements:

- Gender Selection: Radio buttons for "Student" (selected) and "Instructor".
- Grade Selection: Dropdown menu set to "Fourth Grade".
- Section Selection: Dropdown menu set to "Section 16".
- Security Image Upload: A placeholder image of a smiling man.

Page of Sign up for Student



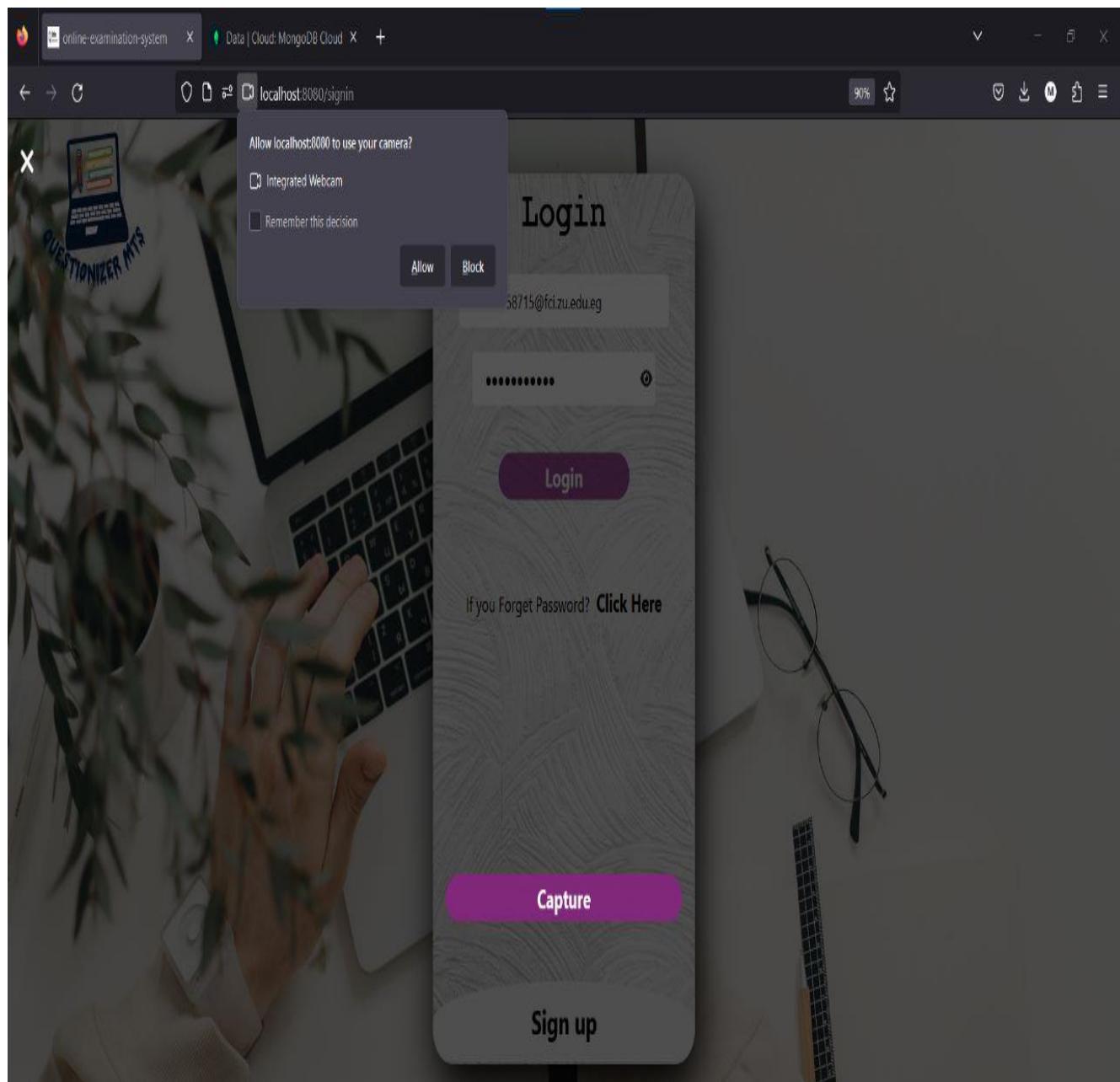
File Edit Selection View Go Run Terminal Help

Signin.vue - Final project - Visual Studio Code

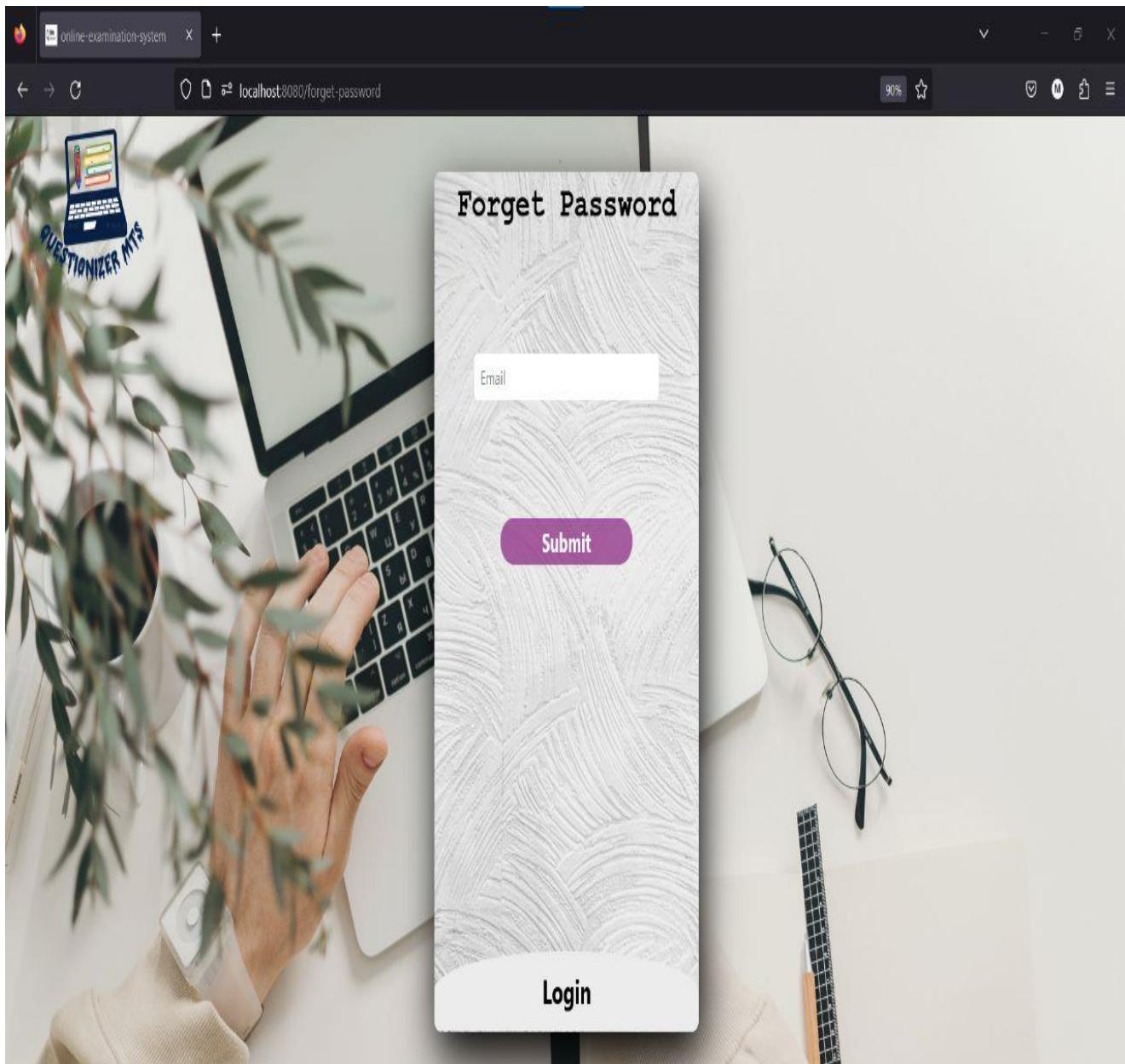
```
frontend > src > components > global > logging > Signin.vue > script > default > methods > signinfun > setTimeout callback
```

147 },
148 showAlert(icon, msg, btnTxt) {
149 this.\$swal({
150 title: msg,
151 icon: icon,
152 confirmButtonText: btnTxt,
153 confirmButtonColor: "#197278",
154 showCloseButton: true,
155 });
156 },
157 async signinfun() {
158 const checkAuth = await this.doCheckAuth(this.\$store.state.apilink);
159 if (checkAuth) {
160 this.\$router.push("/");
161 } else {
162 await this.checkUser(this.userData);
163 if (this.\$store.state.loginData) {
164 if (this.\$store.state.loginData.userRole == "INSTRUCTOR") {
165 document.querySelector(".sign-in .loading").style.opacity = "0.7";
166 document.querySelector(".sign-in .loading").style.visibility =
167 "visible";
168 await fetch(
169 `\${this.\$store.state.apilink}/users/verify-ing/\${(this.\$store.state.loginData._id)}/\${(this.\$store.state.loginData.firstName)}',
170 { method: "POST", credentials: "include" }
171)
172 .then((res) => res.json())
173 .then(() => {
174 if (this.\$store.state.loginData.userRole == "STUDENT") {
175 localStorage.setItem("rule", "STUDENT");
176 this.\$router.push("/student-home");
177 } else {
178 localStorage.setItem("rule", "INSTRUCTOR");
179 this.\$router.push("/instructor-home");
180 }
181 })
182 .catch((err) => {
183 console.log(err);
184 this.showAlert("error", "Failed To Login, Try Again", "close");
185 })
186 .finally(() => {
187 document.querySelector(".sign-in .loading").style.opacity = "0";
188 document.querySelector(".sign-in .loading").style.visibility =
189 "hidden";
190 });
191 } else {
192 setTimeout(() => {
193 document.querySelector(".sign-in .loading").style.opacity = "0";
194 document.querySelector(".sign-in .loading").style.visibility =
195 "hidden";
196 setTimeout(() => {
197 this.imgfile = "";
198 this.showCamPopUp = true;
199 this.webCam = true;
200 this.startVideo();
201 }, 1000);
202 }, 1000);
203 }
204 }
205 }
206

Ln 193 Col 79 Spaces: 2 UTF-8 LF vue frontend\src\config.json 5.1.3 <TagName prop-name />



Page of login for Student



Page of Forget password for Student



online-examination-system X +

localhost:8080/student-home

Gmail YouTube Maps Card Background V...

Recent Exams

Taha Sheriff

Decision Analysis ...
2023-07-06
Start: 02:00
End: 05:00
Open

Saved URLs

Taha Sheriff

second lecture of forecasting

The screenshot shows a web browser window for 'online-examination-system' at 'localhost:8080/student-home'. The page has a purple header with the 'QUESTIONIZER MTS' logo. Below the header are sections for 'Recent Exams' and 'Saved URLs'. The 'Recent Exams' section features a stack of books and a potted plant, with a small inset showing a hand pointing at a laptop screen displaying a 'QUIZ' button. The 'Saved URLs' section features a stack of books and a green apple. A search bar and a user profile icon are also visible.

Student Home Page.



online-examination-system X +

localhost:8080/student-home

Gmail YouTube Maps Card Background V...

Recent Exams

You have already completed this exam

Exam Degree 4

Result Degree 2

Percentage 50.00%

Close

Saved URLs

This screenshot shows a web-based student dashboard. At the top, there's a navigation bar with links for Gmail, YouTube, Maps, and Card Background. Below it, a purple header bar features a logo of a laptop with pens, a search bar, and user profile icons. The main content area has two sections: 'Recent Exams' on the left and 'Saved URLs' on the right. In the center, a modal window is displayed, indicating that the student has already completed an exam. The modal includes an illustration of an open book with the number '4' on it, and text showing the 'Exam Degree' as 4, the 'Result Degree' as 2, and a 'Percentage' of 50.00%. A 'Close' button is at the bottom of the modal. The background of the dashboard shows a photograph of a study desk with a stack of books, a pair of glasses, and a potted plant.

Show result When the student clicks on the exam after he finished exam



File Edit Selection View Go Run Terminal Help SearchPreview.vue - Final project - Visual Studio Code

EXPLORER FINAL PROJECT

frontend > src > components > student > search > SearchPreview.vue

```
236 this.$swal({
237   title: msg,
238   icon: icn,
239   confirmButtonText: btnTxt,
240   cancelButtonText: cancelTxt,
241   confirmButtonColor: "#197278",
242   cancelButtonColor: "#dc3545",
243   showCancelButton: showCancel,
244   showCloseButton: true,
245 });
246 },
247 closeResultPop() {
248   document.querySelector(".search-preview .result-popup").style.display =
249     "none";
250 },
251 closePhoto(e) {
252   e.target.parentElement.style.display = "none";
253 },
254 async doGetSerachData(_id) {
255   const checkAuth = await this.doCheckAuth(this.$store.state.apiLink);
256   if (!checkAuth) {
257     this.$router.push("/signin");
258   } else {
259     await fetch(`${this.$store.state.apiLink}/users/profile/${_id}`)
260       .then(res => res.json())
261       .then(data => {
262         this.firstName = data.firstName;
263         this.lastName = data.lastName;
264         this.profileImage = data.profileImg;
265         let userImg = data.profileImg;
266         let userName = `${data.firstName} ${data.lastName}`;
267         let userEmail = data.email;
268         document.querySelector(".search-preview .user-name").innerText =
269           userName;
270         if (userImg != "") {
271           document
272             .querySelector(".search-preview .the-img img")
273             .setAttribute("src", userImg);
274         }
275         document.querySelector(".search-preview .user-email").innerText =
276           userEmail;
277       });
278   }
279 },
280 showImg(e) {
281   document.querySelector(
```

Ln 1, Col 1 Spaces 2: UTF-8 CRLF wie frontend/config.json S.13 <tagName prop-name/> R ↵



online-examination-system

localhost:8080/student-home

Gmail YouTube Maps Card Background V...

Paused

000222@fci.zu.edu.eq

taha sherif

Recent Exams

There is no Exams added yet !

Saved URLs

There is no URLs Saved yet !

When Student needs to search of Instractour profil



online-examination-system

localhost:8080/search-preview/6491bc293dfb0df28289e23

Gmail YouTube Maps Card Background V...

follow

Open Exams

Decision Analysis

2023-07-06

Start: 02:00

End: 05:00

Open

URLs

second lecture of forecasting Save

The image shows a web browser window with a search result for 'online-examination-system'. The result is a card titled 'Decision Analysis' with a 'Quiz' button on a keyboard image. To the right are two cards: 'Open Exams' showing a stack of books and a potted plant, and 'URLs' showing a stack of books with glasses and an apple.

When **the student searches** for the university email of the instructor to follow up with him and to know everything about exams and links to the grade in which the student is registered, even if he is **not following the instructor.**



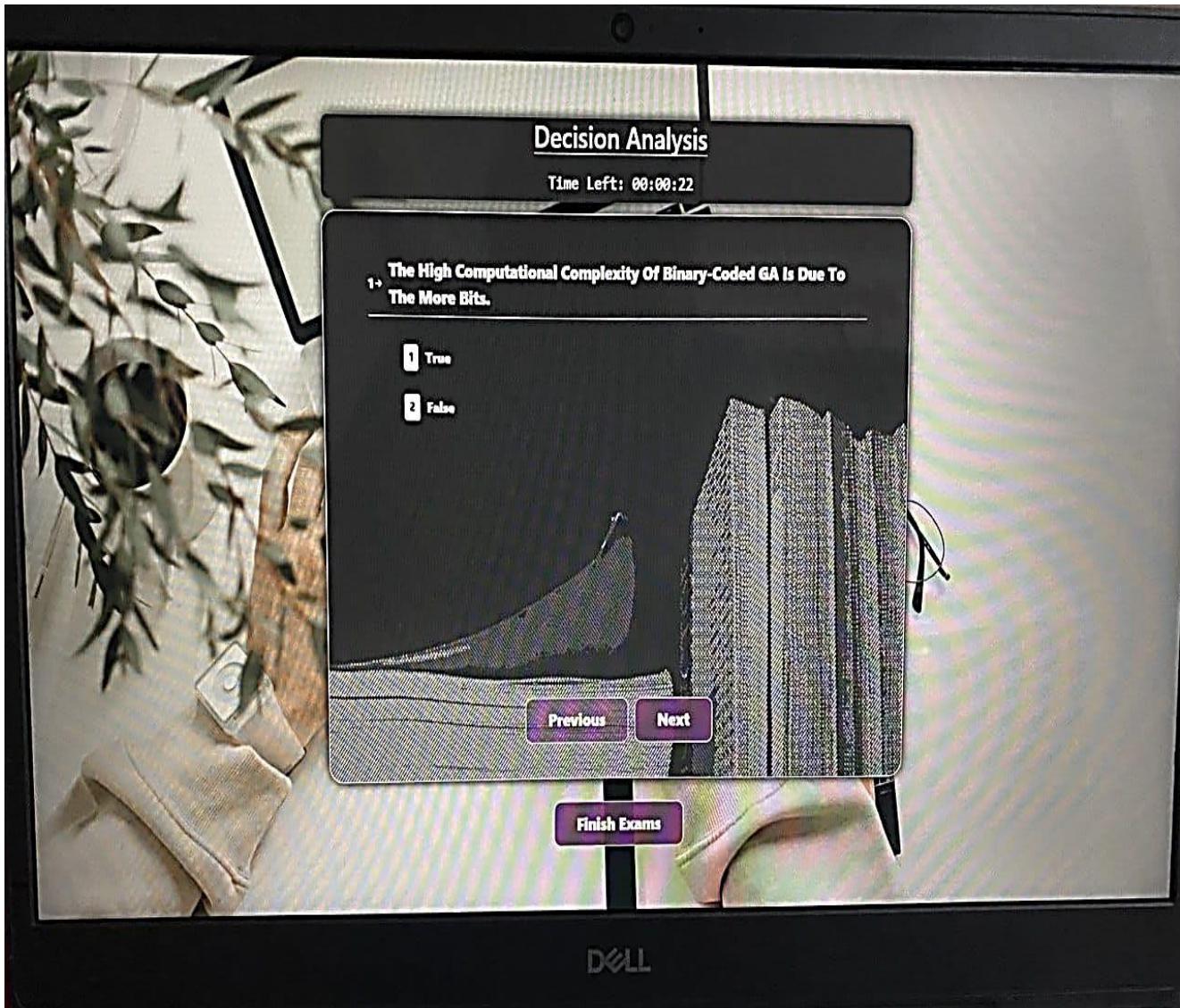
File Edit Selection View Go Run Terminal Help

StudentHome.vue - Final project - Visual Studio Code

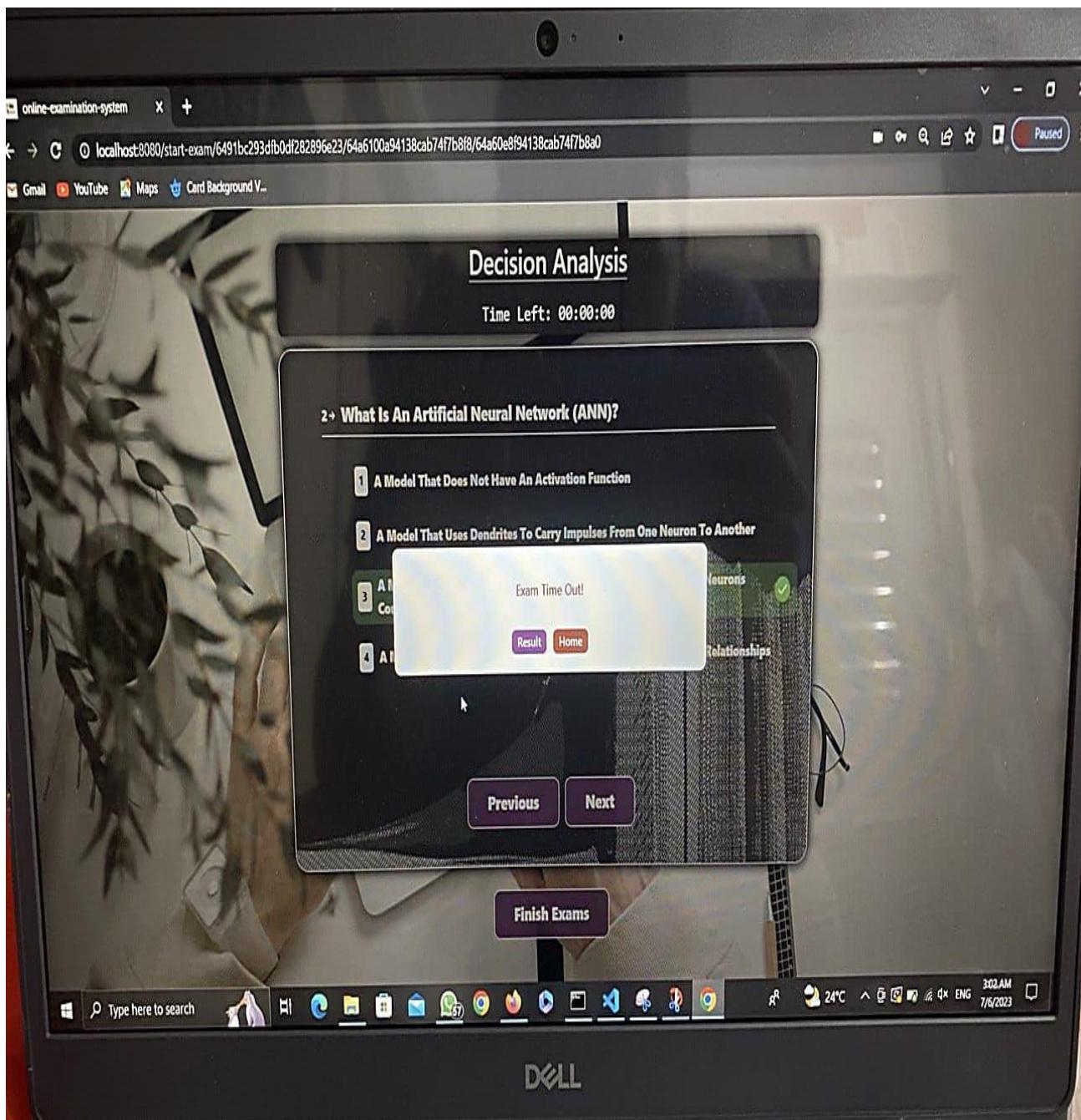
EXPLORER FINAL PROJECT frontend > src > components > student > HomePage > StudentHome.vue > () template

```
  213   "none";
  214 },
  215 async openExam(instId, stId, examId) {
  216   const checkAuth = await this.doCheckAuth(this.$store.state.apiUrl);
  217   if (!checkAuth) {
  218     this.$router.push("/signin");
  219   } else {
  220     document.querySelector(".student-home .loading").style.cssText =
  221       `opacity: 0.7; visibility: visible`;
  222   }
  223   const payload = {
  224     instId: instId,
  225     stId: stId,
  226     examId: examId,
  227   };
  228   let checkExam = await this.checkIfExam(payload);
  229   if (checkExam.status != "Closed") {
  230     if (checkExam.isExamed == false) {
  231       setTimeout(() => {
  232         document.querySelector(".student-home .loading").style.cssText =
  233           `opacity: 0; visibility: hidden`;
  234         localStorage.setItem("exam-available", "true");
  235         this.$router.push(`/start-exam/${instId}/${stId}/${examId}`);
  236       }, 1000);
  237     } else {
  238       document.querySelector(
  239         ".student-home .result-popup .body p"
  240       ).innerText = "You have already completed this exam";
  241       document.querySelector(
  242         ".student-home .result-popup .body p"
  243       ).classList = "alert alert-success";
  244       setTimeout(() => {
  245         document.querySelector(".student-home .loading").style.cssText =
  246           `opacity: 0; visibility: hidden`;
  247       };
  248       this.examTotal = checkExam.totalDegree;
  249       this.stResult = checkExam.result;
  250       this.resPercent =
  251       (
  252         (parseInt(checkExam.result) * 100) /
  253         parseInt(checkExam.totalDegree)
  254       ).toFixed(2) + "%";
  255       setTimeout(() => {
  256         document.querySelector(
  257           ".student-home .result-popup .body p"
  258         ).innerText = this.resPercent;
  
```

File1, Col1 Spaces2 UTF-8 CRLF vue frontend.jsonconfig.json S.13 <TagName prop-name/> R ↴



When the student enters the exam, the program **freezes** everything **except only the left button until the end of the exam time**

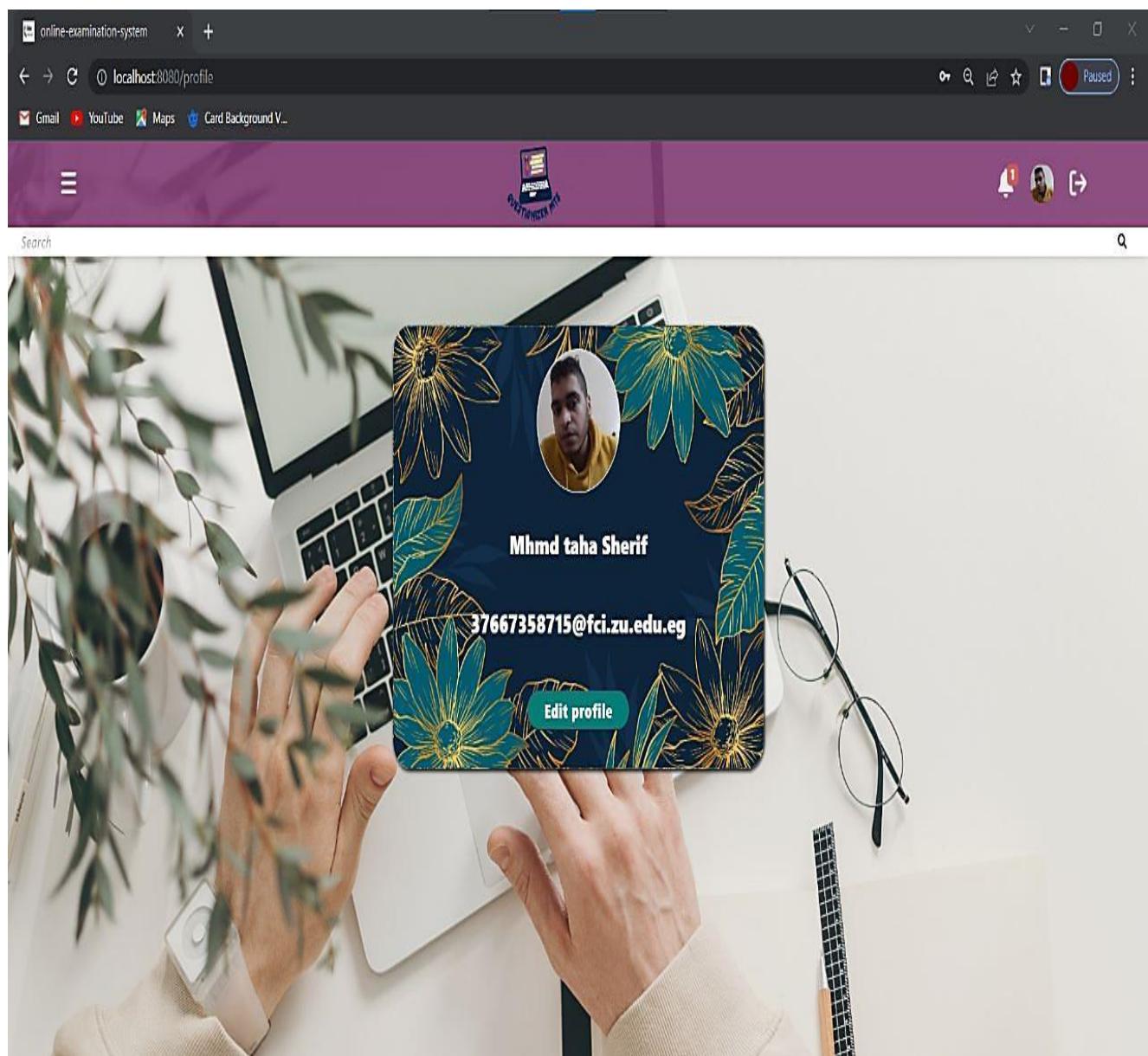


This will happen to student when the exam **time finish**



TheProfile.vue - Final project - Visual Studio Code

```
# generated.js  TheProfile.vue X
frontend>src>components>global>Profile>TheProfile.vue (1 template)
  <script>
    import TheNav from '@/components/global/TheNav.vue';
    import TheLoading from '@/components/global/loading/TheLoading.vue';
    import { mapState, mapActions } from 'vuex';
  </script>
  <template>
    <div>
      <TheNav />
      <TheLoading />
      <div>
        <div>
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                                                                                                                            <div>
                                                                                                                              <div>
                                                                                                                                <div>
                                                                                                                                  <div>
                                                                                                                                    <div>
................................................................
```



Profile page of Student

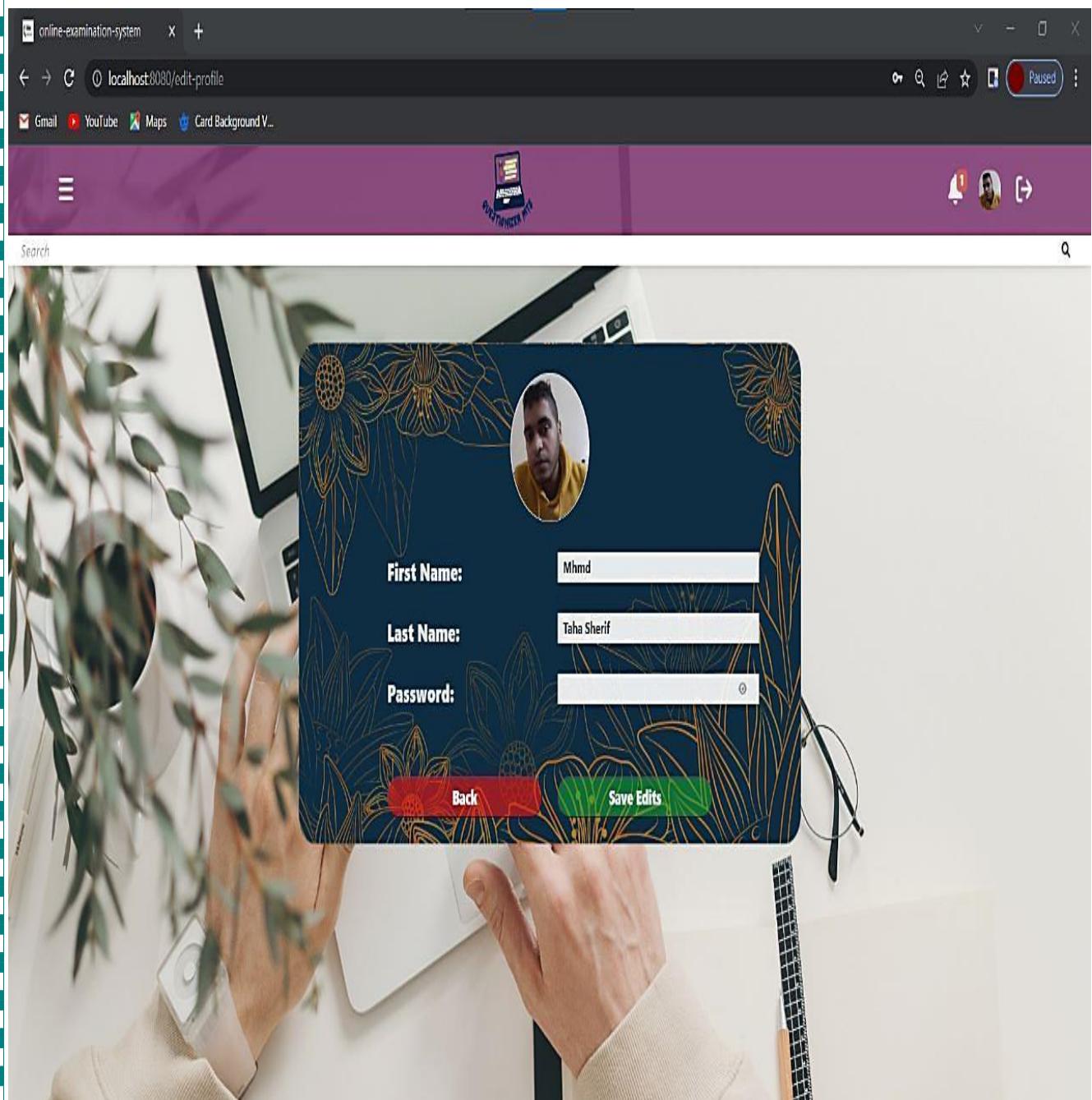


File Edit Selection View Go Run Terminal Help EditProfile.vue - Final project - Visual Studio Code

EXPLORER Type to search FINAL PROJECT

```
frontend > src > components > global > Profile > EditProfile.vue > {} script > default > methods > submitEdit
216 const theForm = document.querySelector(".edit-profile .info form");
217 const payload = {
218   firstName: theForm.firstname.value,
219   lastName: theForm.lastname.value,
220   password: theForm.password.value,
221   profileImg: this.allUserInfo.profileImage,
222   userId: checkAuth._id,
223 };
224 await this.updateInfo(payload);
225 await this.getUserInfo(checkAuth._id);
226 setTimeout(() => {
227   this.showAlert("success", "Profile Updated successfully!", "OK");
228   document.querySelector(".edit-profile .loading").style.opacity =
229     "0";
230   document.querySelector(".edit-profile .loading").style.visibility =
231     "hidden";
232   this.$router.push({ name: "TheProfile" });
233 }, 1000);
234 }
235 },
236 closePopup(e) {
237   e.currentTarget.style.display = "none";
238   setTimeout(() => {
239     this.$router.push("/profile");
240   }, 1000);
241 },
242 showPassword(e) {
243   document.querySelector(".edit-profile input.the-password").type = "text";
244   e.currentTarget.style.display = "none";
245   document.querySelector(".edit-profile i.hide-password").style.display =
246     "block";
247 },
248 hidePassword(e) {
249   document.querySelector(".edit-profile input.the-password").type =
250     "password";
251   e.currentTarget.style.display = "none";
252   document.querySelector(".edit-profile i.show-password").style.display =
253     "block";
254 },
255 changePhoto(e) {
256   if (!e.target.files[0]) {
257     return;
258   }
259   const reader = new FileReader();
260   reader.addEventListener("load", () => {
261     
```

Ln 109, Col 78 Spaces: 2 UTF-8 LF vue frontend.jsonconfig.json 5.13 <TagName prop-name/> R C



Edit Profile page of Student



File Edit Selection View Go Run Terminal Help

NotFound.vue - Final project - Visual Studio Code

EXPLORER FINAL PROJECT

generateExam.js

NotFound.vue

frontend > src > components > error404 > NotFound.vue > {} style scoped > .not-found > img

```
<template>
  <div class="not-found">
    
    <router-link to="/"> Back to Homepage? </router-link>
  </div>
</template>

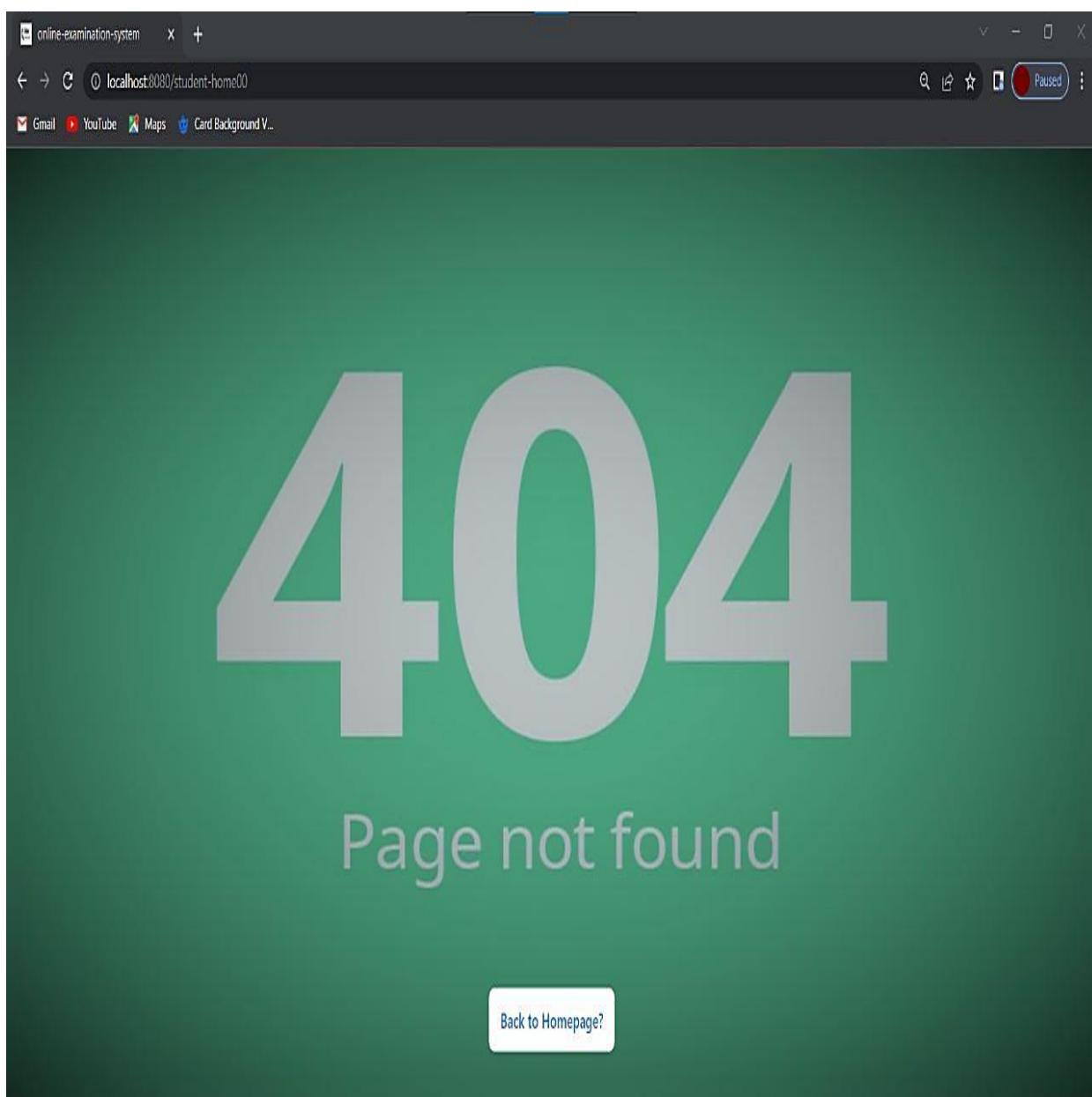
<style scoped lang="scss">
  .not-found {
    width: 100%;
    height: 100%;
    position: fixed;
    left: 0;
    top: 0;
    img {
      width: 100%;
      height: 100%;
      background-size: auto;
    }
    a {
      z-index: 1;
      position: absolute;
      left: 50%;
      bottom: 50px;
      transform: translate(-50%);
      background: white;
      padding: 15px 20px;
      border-radius: 10px;
      font-size: 20px;
      font-weight: 600;
    }
  }
</style>
```

OUTLINE

TIMELINE

main 0 0 0

Ln 19, Col 26 Spaces: 2 LF vue frontendjsconfig.json 5.1.3 <TagName prop-name /> R C



This page will appear when there is an **error** in the
search path for a page in the project



File Edit Selection View Go Run Terminal Help package-lock.json - Final project - Visual Studio Code

EXPLORER FINAL PROJECT backend generateExam.js package-lock.json ExamDetails.vue M TestPreview.vue M SubjectsPreview.vue M

```
backend package-lock.json ...
  "engines": {
    "node": ">= 6.0.0"
  },
  "node_modules/agent-base/node_modules/debug": {
    "version": "4.3.4",
    "resolved": "https://registry.npmjs.org/debug/-/debug-4.3.4.tgz",
    "integrity": "sha512-PRfHsJS9tQjPmWV7jket1jt50u5fPPzsel0S2Z18qUFIPEiswqIwQH0gX7GvCJlhehxkfQ==",
    "dependencies": {
      "ms": "2.1.2"
    },
    "engines": {
      "node": ">=6.0"
    },
    "peerDependenciesMeta": {
      "supports-color": {
        "optional": true
      }
    }
  },
  "node_modules/agent-base/node_modules/ms": {
    "version": "2.1.2",
    "resolved": "https://registry.npmjs.org/ms/-/ms-2.1.2.tgz",
    "integrity": "sha512-gQkPxVjWtm6WZ7oA4FBFELFCZ2454qe80MCv68ET+jb3vkRyaGPOPTk4tmLS8b+adTEvb1PeH2w=="
  },
  "node_modules/ansi-regex": {
    "version": "5.0.1",
    "resolved": "https://registry.npmjs.org/ansi-regex/-/ansi-regex-5.0.1.tgz",
    "integrity": "sha512-quJLTSUL2LH950Xk8Y4soanhgo6LN504E1LBcE8s300wpd1RzyR9z/ZZJMW37a0b9jd1MUEKF0==",
    "engines": {
      "node": ">0"
    }
  },
  "node_modules/anymatch": {
    "version": "3.1.2",
    "resolved": "https://registry.npmjs.org/anymatch/-/anymatch-3.1.2.tgz",
    "integrity": "sha512-P43epOATupkgU0ycrc4q79kz2iu0U1jaETwZTHt0Y/GK7vaa8rY816dkjZ7rda5XldcpFTXNq+Rvlg==",
    "dev": true,
    "dependencies": {
      "normalize-path": "3.0.0",
      "picomatch": "2.0.4"
    },
    "engines": {
      "node": "0"
    }
  },
  "node_modules/aproba": {
    "version": "2.0.8",
    "resolved": "https://registry.npmjs.org/aproba/-/aproba-2.0.8.tgz",
    "integrity": "sha512-1y4G7QT+NG60sA+2heNtef08i00IK/Xk8rdfsn01/jPPXbx0tE9v9c127Mu5ggQ0bjnQ/a/y+KHP0=="
  },
  "node_modules/are-we-there-yet": {
    "version": "2.0.8",
    "resolved": "https://registry.npmjs.org/are-we-there-yet/-/are-we-there-yet-2.0.8.tgz",
    "integrity": "sha512-C1/qEwmHnsY9XIClUN5LeOkJ6R121j9V/J5wyq0nh/nPEpTxJb82XkZj684hlK7zV/p6v9952WMeUiw==",
    "dependencies": {
      "form-data": "3.1.2"
    }
  }
}
```

main.js 0 △ 0



online-examination-system X Database Deployments | Cloud X

https://cloud.mongodb.com/v2/63d6dc38d781174c302325e2#/clusters

Atmos test Access Manager Billing All Clusters Get Help Mhd

Project 0 Data Services App Services Charts

TEST > PROJECT 0

Database Deployments

+ Create

Find a database deployment...

DEPLOYMENT

Database Data Lake

SERVICES

Triggers examsApp Connect View Monitoring Browse Collections ...

FREE SHARED

Stream Processing

SEARCH

Stream Processing

For better performance and full access to Atlas features, upgrade your cluster now!

Upgrades

R 0.3 W 0.69 Last 6 hours 0.0s

Connections 6.0 Last 6 hours 12.0

In 175.6 B/s Out 675.8 B/s Last 6 hours 990.2 B/s

Data Size 364.3 KB / 512.0 MB (8%) Last 30 days 512.0 MB

SECURITY

Backup Database Access Network Access Advanced

New On Atlas 8

+ Add Tag

System Status: All Good

VERSION	REGION	CLUSTER TIER	TYPE	BACKUPS	LINKED APP SERVICES	ATLAS SQL	ATLAS SEARCH
6.0.6	AWS / Bahrain (me-south-1)	M0 Sandbox (General)	Replica Set - 3 nodes	Inactive	Application-0	Connect	Create Index



online-examination-system X Data | Cloud: MongoDB Cloud X +

https://cloud.mongodb.com/v2/63d6dc38d781174c30232e2#/metrics/replicaSet/63d6dca5f239e1253c91fb1/explorer/Questionizer_MTS/exams

Atlas test Access Manager Billing All Clusters Get Help Mhmd

Project 0 Data Services App Services Charts

TEST > PROJECT 0 > DATABASES

Database examsApp

VERSION 6.0.6 REGION AWS Bahrain (me-south-1)

Data Lake Overview Real Time Metrics Collections Search Profiler Performance Advisor Online Archive Cmd Line Tools

DATABASES: 1 COLLECTIONS: 8

+ Create Database

Search Namespaces

Questionizer_MTS

exams follows

sovedurls shares

stnotifications subjects

urls users

Find Indexes Schema Anti-Patterns Aggregation Search Indexes

INSERT DOCUMENT

Filter Type a query: { field: 'value' } Reset Apply More Options

QUERY RESULTS: 1-10 OF 10

```
_id: ObjectId('64597762d1d498183cf1fc89')
time: "3"
startDate: "2023-05-09"
startTimeAt: "08:00:00"
endTimeAt: "02:00:00"
instructorUserId: "6453727e7fbadadca7167877"
questions: Array
status: "Closed"
title: "mhmmd taha"
totalDegree: "10"
grade: "fourth"
__v: 0
```

Mongo Data Base.

Reference:-

1. <https://www.w3schools.com/>
2. <https://codepen.io/>
3. <https://www.mongodb.com/developer/products/mongodb/mongodb-schema-design-best-practices/>
4. https://www.brandcrowd.com/s/logo-maker?code=25OFFSEM&gclid=Cj0KCQjw756IBhDMARIsAEI0AgnDdX44bXDKxYobMtwMuzYiB2iuSns5ICtI8zQI9_igkY4LOZHNTW4aAoG2EALw_wcB
5. <https://www.wikipedia.org/>