**ONLINE EXAMINATION**

**Hardware Requirements:**

* Processor: i3, i5, i7 processor
* RAM: 4GB+
* Hard Disk: 20GB+

**Software Requirements:**

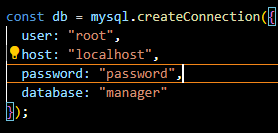
* Operating System : Windows 8 and above
* Frontend Technology : CSS3, Java Script, React.js
* Backend Technology : Node.js, Express.js
* Framework : Express.js, React
* Database : Mysql(https://www.mysql.com/downloads/)
* IDE : VS Code(https://code.visualstudio.com/download).

**Steps of implementation:**

1. **Download the project files from the following GitHub URL:** ["[mallelamamatha/Online-Examinition (github.com)](https://github.com/mallelamamatha/Online-Examinition)"](%22https://github.com/YASHWANTH1254/jiratool.git%22)
2. **Save the files in folder at desired location.**

**3. Configuring backend:**

* + Open the server.js file located in the backend directory.
  + Enter your database credentials in the db variable block.
  + Create the database in MySQL with the specified name (e.g., onlineexamination):

fe

1. **Create Tables:**
   * CREATE TABLE users (id INT PRIMARY KEY AUTO\_INCREMENT,name varchar(255) NOT NULL, email VARCHAR(255) NOT NULL UNIQUE,password VARCHAR(255) NOT NULL,role ENUM('user', 'admin') DEFAULT 'user');
   * CREATE TABLE tasks (id INT AUTO\_INCREMENT PRIMARY KEY,title VARCHAR(255) NOT NULL,description TEXT,status ENUM('created', 'ready', 'tagged',  'qc', 'completed') NOT NULL DEFAULT 'created',user\_id INT,User varchar(100));

**5.Backend Setup:**

* Open the command prompt (cmd).
* Navigate to the backend directory using the cd command:
* Install the required dependencies:

C:\Users\USER\Pictures\Screenshots\Screenshot (1561).png

* Start the server:

C:\Users\USER\Pictures\Screenshots\Screenshot (1563).png

1. **Frontend Setup:**

* Open a new command prompt window (cmd).
* Navigate to the client directory:
* Install the required dependencies:
* Start the frontend application:

C:\Users\USER\Pictures\Screenshots\Screenshot (1569).png

1. **Accessing the Application:**

* Open a web browser and go to the specified URL. The web application will run in the browser.
* You will be redirected to the login page.
* If you are a new user and don't have an account, click on the "Register" link.
* Provide the required information in the registration form. Choose your role as “Admin”, If you Are Admin, default will be “User”. Click the "Register" button.

1. **Logging In:**

* After registering, return to the login page.
* Enter your credentials (username and password) and click the "Login" button.

1. **Admin and User Dashboard:**

* Upon successful login, you will be directed to the respective dashboard based on your role (admin or user). The dashboard provides access to various features and functionalities of the application.