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Roll No : 11

MSC - ICT (Sem-3)

Practical Assignment- 1

GitHub Link : https://github.com/Krupali119/11_Krupali_Dhodiya_304_A2

Q.1. Develop a user registration form (fields: username, password, confirm password, email, gender, hobbies, upload profile pic, upload other pics) (use text box, radio, checkboxes, file upload) using Express. Form should also contain file upload (single, multiple) with validations.

- In case of invalid data, display errors along with all previous field values.
- In case of all valid fields, display all data and images in a well formatted tabular form.

and allow the user to download that file using Express. Develop route for file download.

(Use express, ejs, express-validator)

Output :

User Registration

Username:
krupali

Email:
kuku@gmail.com

Password:

Confirm Password:

Passwords do not match

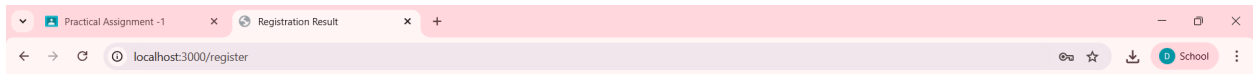
Gender:
☐ Male ☒ Female Select gender

Hobbies:
☒ Reading ☐ Sports ☒ Music Choose at least one hobby



Profile Picture:
Choose File ap2.jpg

Other Pictures:
Choose Files ap.jpg

Register



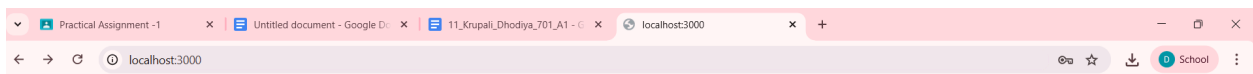
Registration Successful

Username	krupali
Email	kuku@gmail.com
Gender	Female
Hobbies	Sports, Music
Profile Pic	
Other Pics	

[Download Your Data File](#)

Q.2.Express Login application with file session store.

Output :



Login Page

admin

Login



Q.3. Express Login application with redis session store.

Output :

Redis Login

Username:

Password:

Welcome, user1!

[Logout](#)

Q.4. Develop login for an ADMIN panel of ERP system with session, CRUD operations for employees table (generate empid and password) with salary calculation with mongoose, express and EJS template engine. Send email to employee when inserted. Encrypt the password. Logout.

Output :

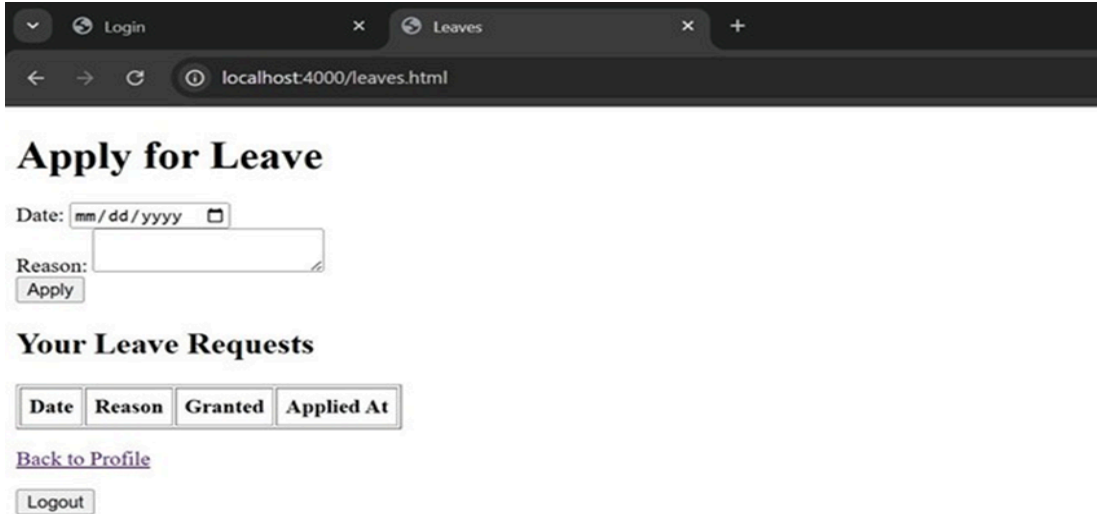
Welcome Admin

[Manage Employees](#) | [Logout](#)

Q.5. Develop employee site (refer Q4) login with JWT, for

employees with mongoose, express and frontend(html,css,javascript/jquery JAM Stack), -Page1) display employee profile . Page2) - Application for leave (fields date, reason, grant yes/no) Add, List - Logout.

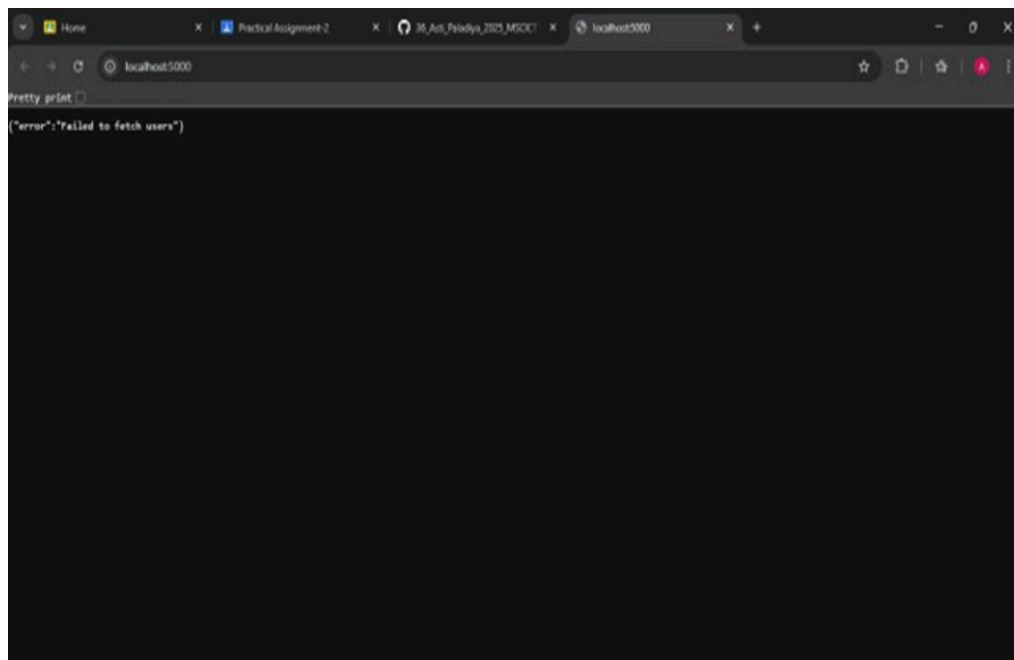
Output :



The screenshot shows a web browser with two tabs: 'Login' and 'Leaves'. The address bar displays 'localhost:4000/leaves.html'. The page content includes a section titled 'Apply for Leave' with a date input field (placeholder 'mm/dd/yyyy'), a text area for 'Reason', and an 'Apply' button. Below this is a section titled 'Your Leave Requests' containing a table with headers 'Date', 'Reason', 'Granted', and 'Applied At'. Under the table is a link 'Back to Profile' and a 'Logout' button.

Q.6. Call any free api for a useful utility from frontend and backend.

Output :



Q.7.Shopping cart with admin site and user site with (2 level) Category and Products.



Shopping Cart

[Shop](#) | [Admin](#)

Main Categories

- [JAVA](#)
- [Communication Skills](#)



Shopping Cart

[Shop](#) | [Admin](#)

Products

- fadf - \$4000
- sample - \$5600



Shopping Cart

[Shop](#) | [Admin](#)

Categories

- JAVA
- Dummy
- Digital Arts Perfect
- Communication Skills



Shopping Cart

[Shop](#) | [Admin](#)

Products

- fadf - \$4000 (Category: JAVA)
- sample - \$5600 (Category: JAVA)

