

## Assignment 2

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 :-

Registration Form

Username: Nayan

Email: nayanprakashbhai@gmail.c

Password: ....

Confirm Password: ....

Gender: ☒ Male ☐ Female

Hobbies: ☐ Reading ☐ Sports ☒ Music

Profile Pic: Choose File 3b035002-0...991966c.jpg

Other Pics: Choose Files 2.jpg

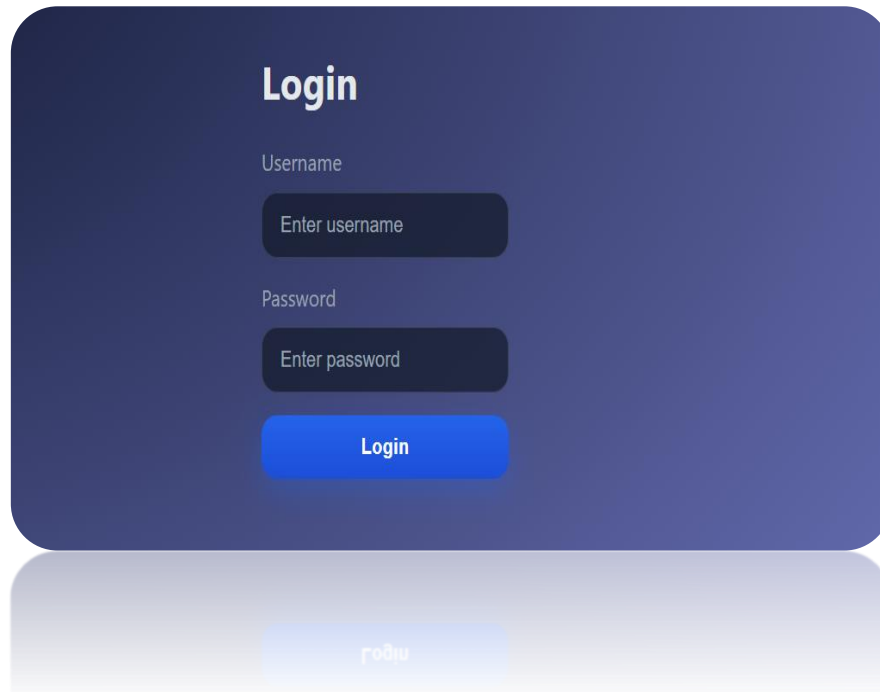
Register

Username	Nayan
Email	nayanprakashbhai@gmail.com
Gender	Male
Hobbies	Music
Profile Pic	
Other Pics	

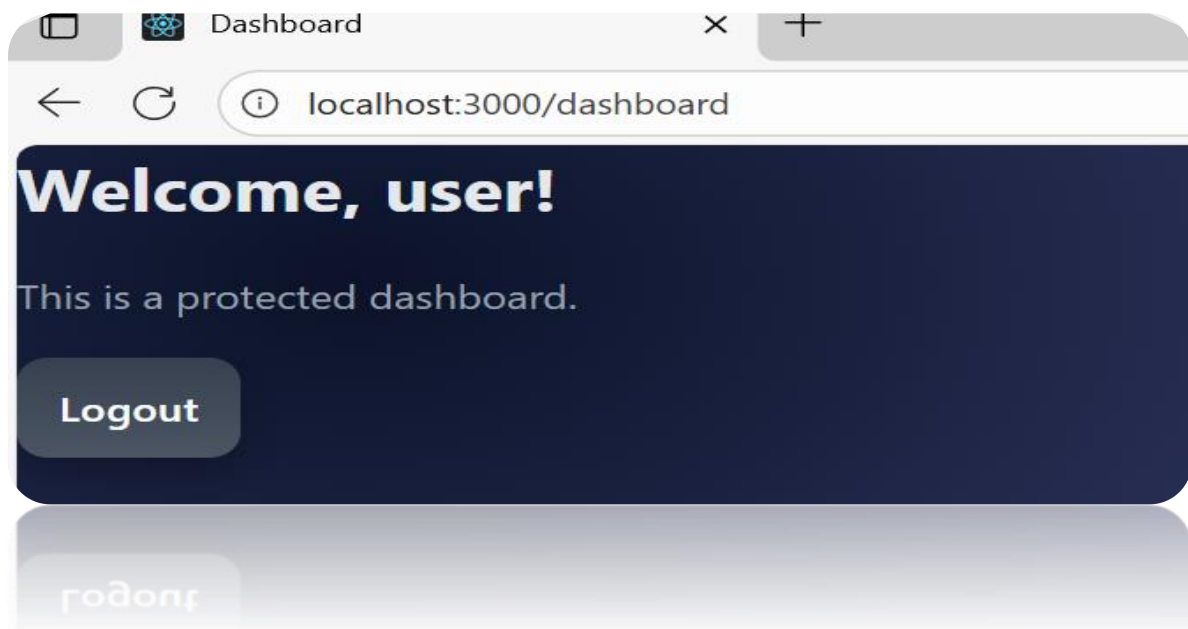
[Download User Data](#)

2. Express Login application with file session store.

Output :-



A login form with a dark blue background. At the top, the word "Login" is written in white. Below it, there are two input fields: "Username" and "Password". Each input field has a dark blue placeholder text "Enter username" and "Enter password" respectively. Below the password field is a blue "Login" button.



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

Output :-



### Login

Username

Enter username

Password

Enter password

Login

public

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EXPLORER
35_Nayan_Padhiyar_304_A1
35_Nayan_Padhiyar_304_A2
node_modules
Node-Q1
Node-Q2
Node-Q3
node_modules
public
views
dashboardejs
loginjs
appjs
package-lock.json
package.json
Node-Q4
Node-Q5
Node-Q6
Node-Q7
.gitignore
35_Nayan_Padhiyar_304_A2.docx
35_Nayan_Padhiyar_304_A2.pdf
package-lock.json
package.json
run_all.bat
README.md

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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.

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 :-

```
3
4 # Admin login (keep these safe; use bcrypt if you prefer)
5 ADMIN_USER=user
6 ADMIN_PASS=user@123
7
8 # SMTP settings (example: Gmail SMTP/App Password OR any SMTP)
9 SMTP_HOST=smtp.gmail.com
10 SMTP_PORT=587
11 SMTP_SECURE=false
12 SMTP_USER=nayanprakashbhai@gmail.com
13 SMTP_PASS=oddt gtxr ovrc kodp
14 MAIL_FROM="HR <nayanprakashbhai@gmail.com>"
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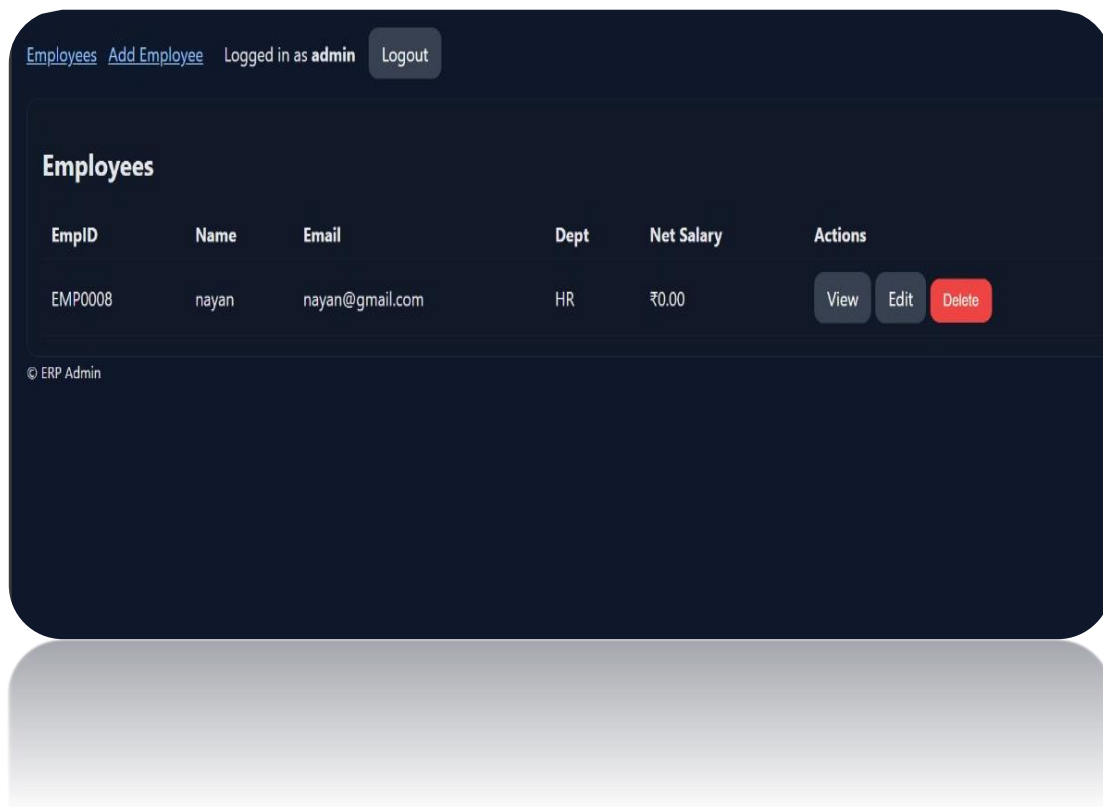
Employees Add Employee Logged in as admin Logout

### Add Employee

Name	Email
nayan	nayan@gmail.com
Department	Role
HR	Employee
Basic	HRA
20000	10
DA	Allowance
20	1000
Deductions	
2000	

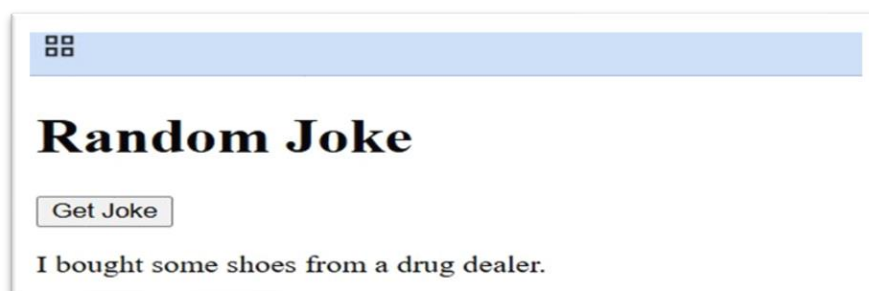
A temporary password will be auto-generated, stored securely (hashed) and emailed to the employee.

Save



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

Output :-



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

Output :-