Perfect! Here's a full **summary and structure** of your upgraded JavaScript project that will test your skills and look great on your CV.

**🎓 Full Project: Student Management System with Admin Panel (Pure JavaScript)**

**👥 Actors:**

**1. Admin**

* Can login using predefined credentials
* Can add new students
* Can view, edit, delete all student records
* Can search/filter student data
* Can log out (session ends)

**2. Student (Optional / View-only Role)**

* If you want to extend, you can allow a student to login and only view their own profile

**🔧 Project Functionalities:**

**🔐 Authentication**

* **Login Page** (login.html)
  + Admin enters **email** and **password**
  + Credentials are checked (hardcoded or from localStorage)
  + On success, redirect to dashboard.html
  + Use sessionStorage to track login
  + On unauthorized access to dashboard, redirect to login

**📊 Dashboard (dashboard.html)**

* Welcomes Admin
* Navigation links/buttons:
  + Add Student
  + View All Students
  + Logout

**🧑‍🎓 Student Management**

**✅ Add Student (add-student.html)**

* Form inputs:
  + Name
  + Roll Number
  + Class
  + Section
* Stores in localStorage as an object with unique id

**📃 View Students (view-students.html)**

* Display students in a table
* **Features:**
  + Edit student info (opens a form or inline)
  + Delete student
  + Search (by name, roll number, or class)
  + Filter by class or section
  + Optional: Sort table by column headers

**🔄 Data Handling**

* Stored as array of objects in localStorage:

[

{

id: "st1",

name: "Ali",

roll: "101",

class: "10th",

section: "A"

},

...

]

**🧪 Admin Credentials**

const admin = {

email: "admin@example.com",

password: "admin123"

};

**📂 Folder Structure**

student-management/

│

├── login.html

├── dashboard.html

├── add-student.html

├── view-students.html

├── style.css

├── script/

│ ├── auth.js // Login, logout, session check

│ ├── student.js // All student CRUD logic

│ └── utils.js // ID generator, alert functions, etc.

└── assets/ // Optional: icons or images

**💼 CV Project Description (Example)**

**Student Management System with Admin Panel**  
Developed a web-based system using pure JavaScript, HTML, and CSS. Included secure admin authentication, dynamic student data management (CRUD), search/filter functionalities, and localStorage persistence. Implemented modular code structure and user session control.

**🧠 Skills Practiced**

* JavaScript DOM & event handling
* Form validation
* Session and localStorage management
* Page redirection based on roles
* Modular file-based JavaScript
* Data-driven UI updates
* Simple authentication simulation