

**9530**

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**COMPUTER SCIENCE ENGINEERING**

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**Completed the project named as**

**Phase 2**

**LOGIN AUTHENTICATION SYSTEM**

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## **Phase 2 — Solution Design & Architecture**

### **Tech Stack Selection**

- **Frontend:** AngularJS (1.x version)
- **Backend:** Node.js with Express (for handling API requests)
- **Storage:** \$rootScope or \$cookies for session data
- **Styling:** Bootstrap (optional)

### **UI Structure / API Schema Design**

#### **Login Page:**

- Fields: Username, Password
- Button: Login
- Displays error messages.

#### **Dashboard Page:**

- Shows username.
- Logout button to end session.

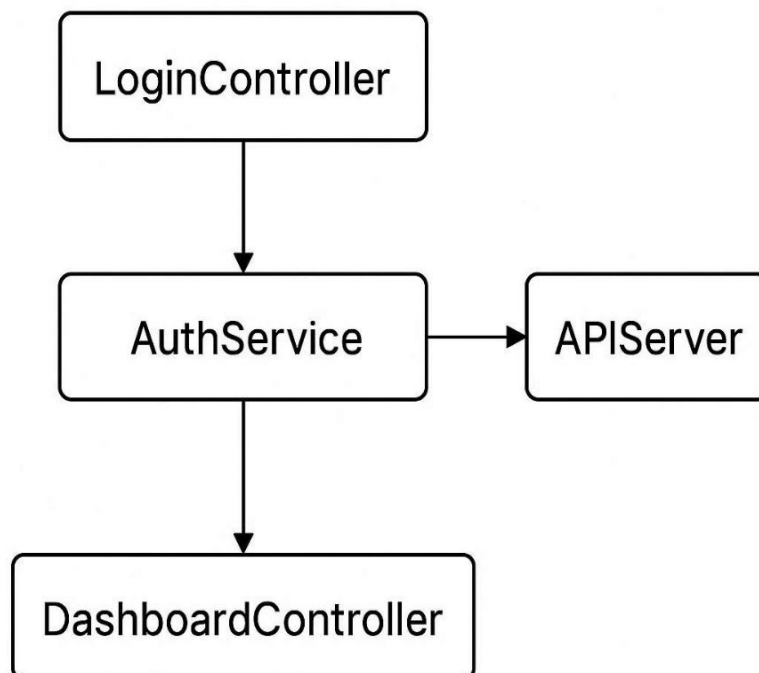
#### **API Schema Example:**

```
{  
  "username": "string",  
  "password": "string"  
}
```

## Data Handling Approach

- Use AngularJS service (AuthService) to manage authentication state.
- Store session information in \$rootScope or browser cookies.
- Send user credentials to the backend via \$http.
- Handle API responses to update UI and manage session.

## Component / Module Diagram



## Basic Flow Diagram

