

Module 10: Authentication with JWT and Security

Assignment 1 – Create login form using JWT authentication

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Assignment – 1:

Problem Statement

Create login form and use JWT authentication to login

Follow the steps below to build the application:

1. Create a new component – **login** to build a login form
2. The login form should contain two fields:
 - a. Username
 - b. Password
3. Create new folder “_helpers” and add the below files with the required logic to implement authentication
 - a. jwt.interceptor.ts to create JWT tokens
 - b. auth.guard.ts to apply authentication logic
 - c. fake-backend.ts to store user information
 - d. error_interceptor for errors
4. Create new folder “_models”. Inside _models folder create user.ts file which will be used as model to add user information
5. Create two services:
 - a. User service
 - b. Authentication service
6. Create environment folder to store development environment config
7. Make use of CSS classes and Bootstrap to design the application

After building the application, prepare a ZIP file of the application code and upload it on LMS in Assignment solution section for evaluation.