



Web Secure Coding'24 Summer Training

Project Ideas & Minimum Requirements

2024/2025

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1 Projects

1.1 Examples Project Ideas

- Notes website
- Study Group Collaboration website
- Jobs Offering website
- Online Wallet website
- Cinema Movies website
- Day Organizing website
- E-Learning Platform
- Blog website
- Restaurants Rating website

1.2 Project Functionality Minimum Requirement

1. Authentication
2. File upload
3. Comment section
4. Add new Feature
5. Payment
6. Searching
7. Normal user and admin hierarchy (**Optional**)

1.3 Project Security Constraints

1. Strong Password Policy
2. Secure Sensitive Data Storage
3. Strong Authentication Mechanism & Non-Vulnerable to Brute-Forcing Attacks
4. Restricted File Uploading Mechanism
5. Securing Payments Mechanism Against Any Parameters Tampering
6. Non-Vulnerable to SQLI
7. Non-Vulnerable to XSS
8. Non-Vulnerable to SSTI
9. Non-Vulnerable to IDOR

1.4 Project Delivery Rules

- The code must run without any errors.
- The project must contain at least 4 of the mentioned functionalities.
- The code must contain a minimal number of vulnerabilities.
- All project files and dependencies must be attached.
- Cheating attempts will be punished.
- Each member should understand every implemented functionality in the project.
- No questions will be answered after the discussions start.
- Making noise during other teams discussions will be punished.
- The discussion won't be repeated under any circumstance.
- Discussions will start on Saturday **27/8/2024** at **10.00 AM**.



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