

Period-4 Security

Securing Node/Express/REST-Backends



Explain basic security threads like: Cross Site Scripting (XSS), SQL Injection and whether something similar to SQL injection is possible with NoSQL databases like MongoDB, and DOS-attacks. Explain/demonstrate ways to cope with these problems

Explain and demonstrate ways to protect user passwords on our backend, and why this is necessary.

Explain about password hashing, salts and the difference between bcrypt and older (not recommended) algorithms like sha1, md5 etc.

Explain about JSON Web Tokens (jwt) and why they are very suited for a REST-based API

If you have time:

Explain and demonstrate a system using jwt's, focusing on both client and server side.