

Weekly Deadlines for the project: Online System for hosting CTFs and Hackathons

Week1: Learning web technology

- Revising HTML, bootstrap(css), Nodejs
- Practicing framework: Emberjs(Frontend)

Week2: Learning web technology (3days) and Learning hacking

- Learning MongoDB
- practicing framework: Sailsjs(Backend)
- Hacking: insectechs courses and video tutorials

Week3: Improving CTF specific hacking skills

- Improving CTF specific hacking skills: reverse engineering, cryptography, web vulnerabilities, binary exercises, networking

Week4: Setting capture the flag problems

- First half of the week: taking in always online CTFs.
- Second half of the week: setting up CTF problems

Week5: Implementation of CTF web application

- implementing frontend by deriving inspiration from famous CTF websites
- programming scoring, hosting system
- configuration of database

Week6: deployment CTF web application and Improvizations

- deploying the website on IITD internal server
- organising a CTF contest

Group

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