

Final Year Project Work Plan

Semester 1

Period	Key Tasks & Learning Goals	Deliverables
Weeks 1–4	Project initiation. Finalize proposal. Analyze SRN website. Learn ASP.NET Core basics.	Submitted Proposal Form. Requirements Specification Document.
Weeks 5–7	Learn EF Core & PostgreSQL. Design database schema. Draft API endpoints. Prepare presentation slides.	Database ER Diagram. API Design Draft. Presentation Slides.
Weeks 8–9	Prepare & deliver project presentation. Refine backend design based on feedback.	Project Presentation. Updated System Architecture.
Weeks 10–12	Implement core backend APIs. Connect EF Core to PostgreSQL. Testing & debugging. Write Interim Report.	Functional ASP.NET Core Backend. Interim Report.
Holiday	Learn Solidity, Nethereum, and Ganache. Develop & test a basic smart contract.	Solid blockchain foundation. A simple, working smart contract.

Semester 2

Period	Key Tasks & Learning Goals	Deliverables
Weeks 1–4	Design blockchain data flow. Develop & rigorously test the production smart contract. Begin Nethereum integration.	Finalized Smart Contract. Blockchain Integration Strategy.
Weeks 5–8	Complete backend-blockchain integration. Conduct comprehensive system/API testing. Write Draft Report.	Working Blockchain Integration. Draft Report
Weeks 9–11	Final end-to-end testing & polishing. Fix bugs. Prepare final demo/presentation. Start writing Final Report.	Product Ready for Submission. Final Presentation/Demo Materials. Draft of Final Report.
Week 12	Finalize and submit Final Product. Continue writing and refining Final Report.	Final Product Submission. Polished Final Report Draft.
Week 13	Incorporate final feedback. Proofread, format, and submit Final Report.	Final FYP Report Submission.