Schedule of tutorials

Each tutorial session contains two parts:

- hands-on sub-session: to be equipped with programming skills for projects

- theory sub-session: to get prepared for quizzes and the final exam

week 1

- hands-on sub-session: Solidity programming & testing on Remix

- theory sub-session:

  - basic structures of blockchain
  - blockchain properties overview
  - smart contract

week 2

- hands-on sub-session: deploying smart contracts to testnets & project 1 troubleshooting

- theory sub-session:

  - architectural (functional) roles of blockchain
  - non-functional properties of blockchain
  - making design trade-offs between blockchain and other technologies

week 3

- hands-on sub-session: project 2 software document

- theory sub-session:

  - taxonomy
  - making design trade-offs between blockchains
  - suitability evaluation

week 4

- hands-on sub-session: developing DApps using web as frontend

- theory sub-session: paper

week 5

project 2 presentation 1

week 6

Flexibility Week

week 7

- hands-on sub-session: developing DApps using mobile as frontend & project 2 troubleshooting

- theory sub-session: paper

week 8

- hands-on sub-session: project 2 troubleshooting

- theory sub-session: paper

week 9

project 2 presentation 2

week 10

final exam revision

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