Topic selection report
11/9/2025

5 Points Possible

| Attempt 1 ▾ | ◯ In Progress **NEXT UP: Submit Assignment** | | 🗨 Add Comment |

Unlimited Attempts Allowed
11/3/2025 to 11/11/2025

∨ Details

For the rest of the semster, you will need to pick an open topic and finish a final project.

The topics may include NFTs, DeFi, games, security, but not limited to the listed.

You can always come up with your own idea.

Form a team of up to 4 persons.

You can work with the same team or switch to a new team.

If you work with the same team, just copy and paste your team info. to the following spread sheet.

Sign up or look for a team here! 🗗 **(https://docs.google.com/spreadsheets/d/11XOvGTkRUj0rJ6uuBWloSj3uBn9vbGLZzWS3d045sCU/edit?usp=sharing)**

For this assignment (topic selection report), you will ONLY need to turn in a .pdf report.

Code submission is NOT required for this assignment (Topic selection report assignment).

This topic selection report shall include:

1: The topic for the final project.

2: Team member

3: Why your team picked this topic?

4: A short description of your project.

One team only submits one copy.

For the final project, the minimum requirement is to run and demo one of the following projects:

NFT:
Simple NFT Example
https://github.com/scaffold-eth/scaffold-eth-challenges/tree/challenge-0-simple-nft 🗗 (https://github.com/scaffold-eth/scaffold-eth-challenges/tree/challenge-0-simple-nft)
https://github.com/scaffold-eth/scaffold-eth/tree/buyer-mints-nft 🗗 (https://github.com/scaffold-eth/scaffold-eth/tree/buyer-mints-nft)

AuctionDapp
https://github.com/ethereumbook/ethereumbook/tree/develop/code/auction_dapp 🗗 (https://github.com/ethereumbook/ethereumbook/tree/develop/code/auction_dapp)
https://github.com/ethereumbook/ethereumbook/blob/develop/12dapps.asciidoc 🗗 (https://github.com/ethereumbook/ethereumbook/blob/develop/12dapps.asciidoc)
https://docs.soliditylang.org/en/develop/solidity-by-example.html#blind-auction 🗗 (https://docs.soliditylang.org/en/develop/solidity-by-example.html#blind-auction)

Defi:

Decentralized Staking App

https://github.com/scaffold-eth/scaffold-eth-challenges/tree/challenge-1-decentralized-staking ➥ **(https://github.com/scaffold-eth/scaffold-eth-challenges/tree/challenge-1-decentralized-staking)**

Remix example defi tutorial plugin project

CREATE AND DEPLOY A DEFI APP

https://ethereum.org/en/developers/tutorials/create-and-deploy-a-defi-app/ ➥ **(https://ethereum.org/en/developers/tutorials/create-and-deploy-a-defi-app/)**

https://medium.com/@austin_48503/%EF%B8%8F-minimum-viable-exchange-d84f30bd0c90 ➥ **(https://medium.com/@austin_48503/%EF%B8%8F-minimum-viable-exchange-d84f30bd0c90)**

Exchanges:
Token Vendor

https://github.com/scaffold-eth/scaffold-eth-challenges/tree/challenge-2-token-vendor ➥ **(https://github.com/scaffold-eth/scaffold-eth-challenges/tree/challenge-2-token-vendor)**

Games:

Code your own CryptoKitties

https://medium.com/loom-network/how-to-code-your-own-cryptokitties-style-game-on-ethereum-7c8ac86a4eb3 ➥ **(https://medium.com/loom-network/how-to-code-your-own-cryptokitties-style-game-on-ethereum-7c8ac86a4eb3)**

CryptoZombies further improvement beyond your midterm project submission
https://cryptozombies.io/ ➥ **(https://cryptozombies.io/)**

Voting:
https://docs.soliditylang.org/en/develop/solidity-by-example.html ➥ **(https://docs.soliditylang.org/en/develop/solidity-by-example.html)**

blind auction:

https://docs.soliditylang.org/en/develop/solidity-by-example.html#blind-auction ➥ **(https://docs.soliditylang.org/en/develop/solidity-by-example.html#blind-auction)**

micropayment channel:

https://docs.soliditylang.org/en/develop/solidity-by-example.html#micropayment-channel ➥ **(https://docs.soliditylang.org/en/develop/solidity-by-example.html#micropayment-channel)**

You can also find some other projects to run and demo without changes to meet the minimum requirement.

Further improve the project or write your own code will land you with a better grade.

You can choose any network to deploy: local machine, Eth testnet, BSC testnet, etc.

For the final project grading, the rubric is ONLY for general guidance.

The minimum requirement is as shown.

The final project is open-ended and grading is subjective which is based on the novelty, creativity, and overall performance.

Building a project from scratch and/or with your own idea usually gets a better grade.
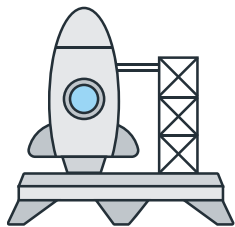
⌄ **View Rubric**

Rubric for Topic Selection Report

Criteria	Ratings		Points
The topic for the final project	**Full Marks** 1 pts	**No Marks** 0 pts	/1 pts
Why your team picked this topic?	**Full Marks** 1 pts	**No Marks** 0 pts	/1 pts
A short description of your project.	**Full Marks** 2 pts	**No Marks** 0 pts	/2 pts
Team member	**Full Marks** 1 pts	**No Marks** 0 pts	/1 pts

Choose a submission type

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Choose a file to upload

or

📷 Webcam Photo

📁 Canvas Files

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(https://csufullerton.instructure.com/courses/3532392/modules/items/88656125)

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Assignment
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