Hey there! The AWS workspace will be undergoing maintenance and will be unavailable on Tuesday, Jan 11th, 2021 from 3:00pm to 4:00pm Pacific Daylight Time (UTC-7:00). We apologize for any inconvenience this may cause.

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RESOURCES ▲

CONCEPTS

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○ 4. Step 2: Constructing a Block

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○ 7. Project Cheat Sheet

☆ 8. Project: Create Your Own Private ...

Project Requirements

Your project will be evaluated using the **Project Rubric**. For a project to pass, al *Specifications*. Please thoroughly read through the rubric before beginning to bu

What tools or technologies will you use to create this applicat

- This application will be created using Node.js and Javascript programming architecture will use ES6 classes because it will help us to organize the coc maintenance of the code.
- We suggest you use Visual Studio Code as an IDE because it will help easil you can choose any code editor you feel comfortable with.
- Some of the libraries or npm modules you will use are:
  - "bitcoinjs-lib": "^4.0.3",
  - "bitcoinjs-message": "^2.0.0",
  - "body-parser": "^1.18.3",
  - "crypto-js": "^3.1.9-1",
  - "express": "^4.16.4",
  - "hex2ascii": "0.0.3",
  - "morgan": "^1.9.1"

Remember if you think you need install any other library you will use

`npm install <npm_module_name>`

Libraries purpose:

1. `bitcoinjs-lib` and `bitcoinjs-message` will help us verify wallet addre signatures. **Note**: Make sure to always use Legacy Wallet addresses.
2. `express` is a node framework used to create The REST Api used in this pr
3. `body-parser` is used as a middleware module for Express and will help u submitted in a POST request.
4. `crypto-js` is a module containing some of the most important cryptogra help us create the block hash.
5. `hex2ascii` will help us **decode** the data saved in the body of a Block.

Remember all this libraries can be found in the `package.json` file in your pr

💡 Mentor Help
Ask a mentor on our Q&A platform