PROJECT NAME: PeerTrade

Purpose:

To create fun network of people of same age who want to buy and sell their products

Target Audience:

1. Bankers
2. Professional Traders
3. Basically, anyone who wants to sell or buy items but same age-group.

Tech Stack:

1. Front-End:

* HTML
* CSS
* Bootstrap
* React JS

1. Back-End

* Node JS
* Express
* Mongo DB Data base
* External Api’s: Clarifai, Authentication

Budget (Fixed or hourly rate).. Fixed is better:

1. Cost of External API’S that have limited usage
2. Cost of Hosting

Deployment:

1. Dev ops.

Timeline:

Reasonable ….give more than less

Testing:

Check after every milestone

STEPS

Starting with the backend part (Node):

1. Create Package.json by ‘npm init’
2. Install dependencies with ‘npm i express mongoose etc’

* Express: Backend frame work for routes
* Body-parser: To handle the body of data that comes in when request is made to our server e.g for post requests
* Concurrently: To run more than one script at the same time (server and client at once)
* Express:
* Mongoose: To interact with our library (MongoDB).
* Nodemon: it updates our app when we save so we don’t have to keep restarting the server.

Install nodemon as a dev dependency since its not needed for production with ‘npm i-D’

For ‘scripts’ in package.json , change ‘tests’: ‘blah’ to ‘start’: node server.js and below add ‘server’: ‘nodemon server.js’

‘start’ is to run node and the file server.js into production.

‘server’ is to watch the server so we won’t have to keep updating it.

1. Create the modules
2. Server.js: Require express, mongoose, bodyParser.
3. Models folder: containing model
4. Routes folder: api folder: items route

State: something in the class that doesn’t change their private data

Props: something it takes in