General Information

Run the App:

run unit tests

```
cd project-6
npm install
truffle develop
compile
migrate --reset
test
```

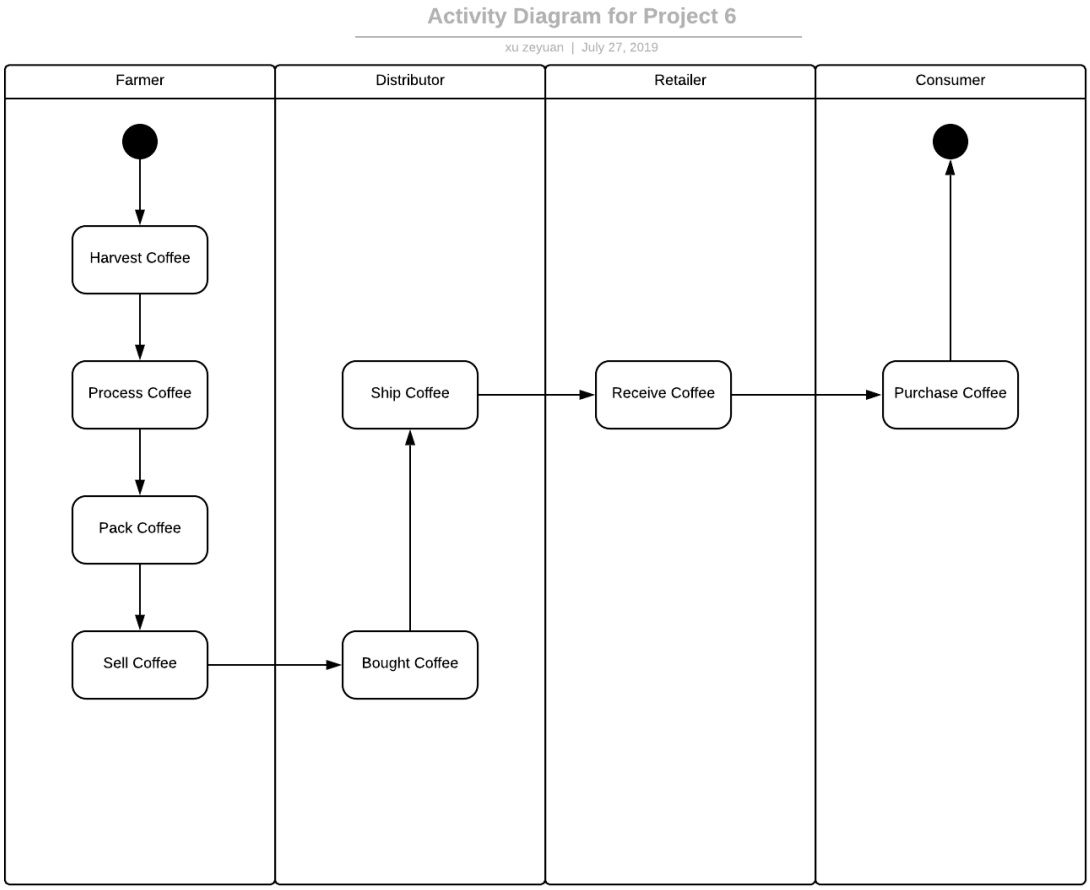
run the frontend:

```
cd project-6
npm run dev
```

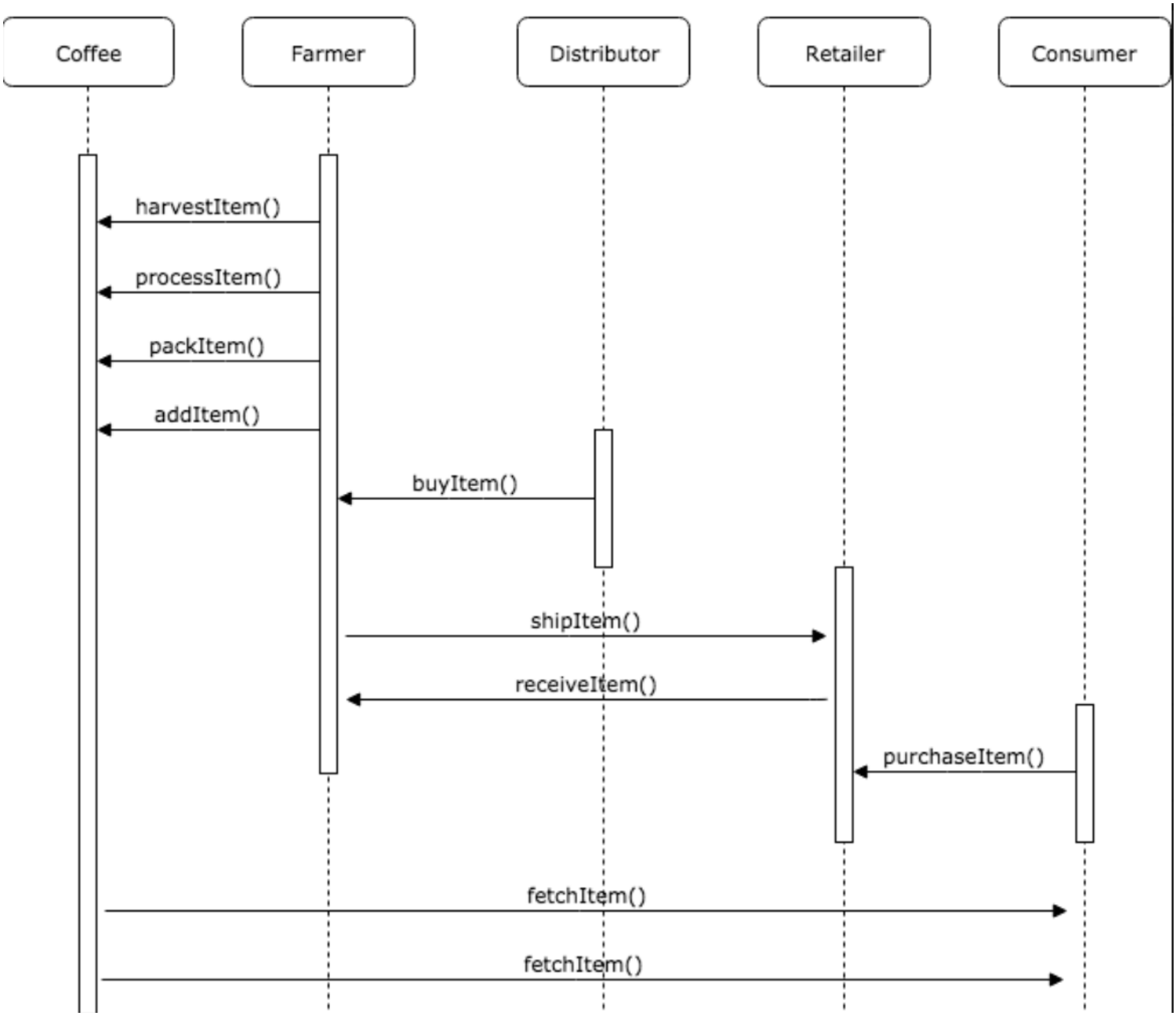
- **Contract Addresses**:
  - FarmerRole: `0x6FA03e9436112440B38966f8a6d259eD59d77A43`
  - DistributorRole: `0x49A08a85fA223c5DAf55e34946aC3ee77DE9a1e0`
  - RetailerRole: `0xe871fefa7c22750Ae89C987A0127E481b322adFf`
  - ConsumerRole: `0x47439e4673b90FB0dE730FC21aA9CD3c00e8f27E`
  - SupplyChain: `0xa58013a1187bA02c33fB0c3eA712AEad2f931956`
- **Libraries Used**: Besides the libraries used in the starter code, library `truffle-assertions` is used in the test code: this is because the `event.watch` syntax no longer works for web3js version 1.0.0, and `truffle-assertions` is the library used to observe whether an event has been emitteed.
- **IPFS**: IPFS is not used here.
- Version Number: 1.0.0
- Node version: v8.9.4
- Truffle Version: v5.0.28
- Web3 version: v1.0.0-beta.37

Diagrams

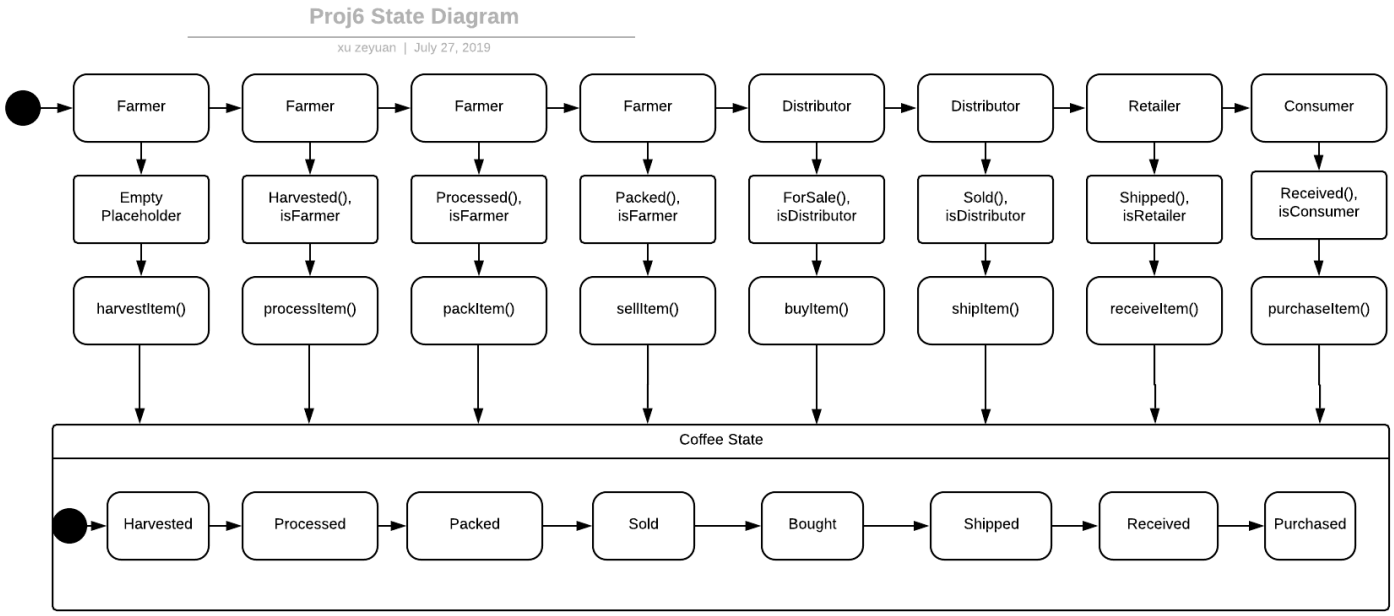
Activity Diagram



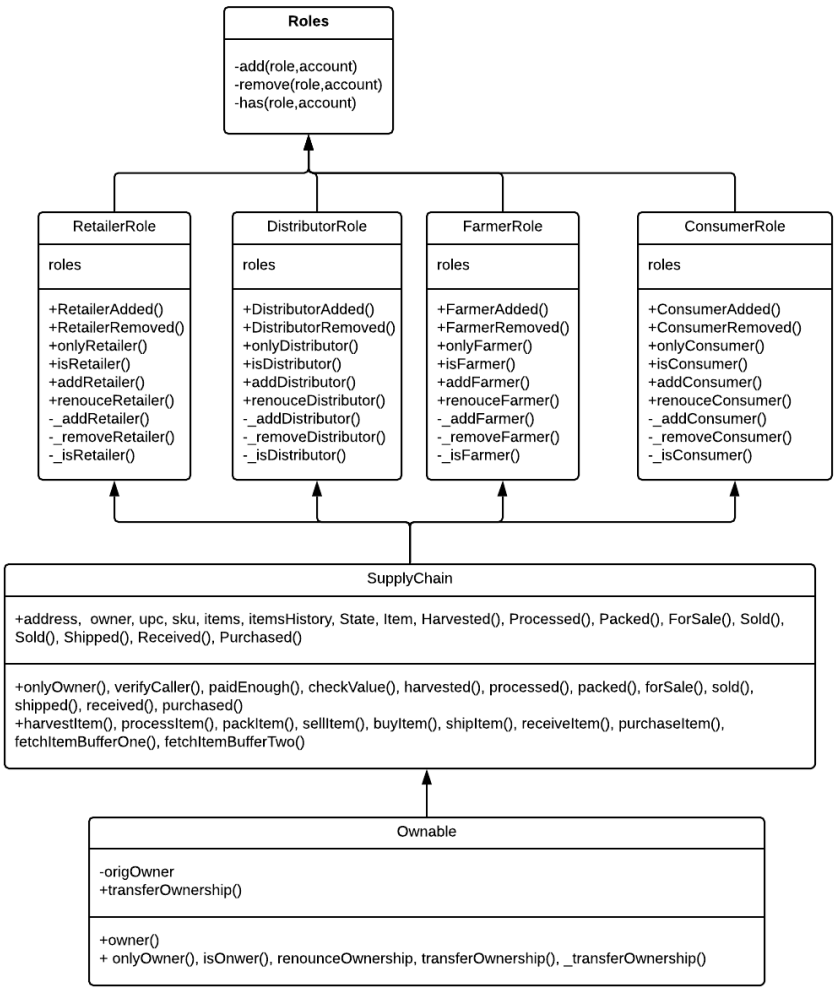
Sequence Diagram



State Diagram



Class Diagram

Proj6-ClassDiagram

xu zeyuan | July 27, 2019