

Bazaar System Manual

January 2021

1 Frontend

Getting Started with Create React App

This project was bootstrapped with Create React App.
Available Scripts In the project directory, you can run:

yarn start

Runs the app in the development mode. Open **http://localhost:3000** to view it in the browser.

The page will reload if you make edits. You will also see any lint errors in the console.

yarn test

Launches the test runner in the interactive watch mode. See the section about running tests for more information.

yarn build

Builds the app for production to the build folder. It correctly bundles React in production mode and optimizes the build for the best performance.

The build is minified and the filenames include the hashes. Your app is ready to be deployed!

See the section about deployment for more information.

yarn eject

Note: this is a one-way operation. Once you eject, you can't go back!

If you aren't satisfied with the build tool and configuration choices, you can eject at any time. This command will remove the single build dependency from your project.

Instead, it will copy all the configuration files and the transitive dependencies (webpack, Babel, ESLint, etc) right into your project so you have full control over them. All of the commands except eject will still work, but they will point to the copied scripts so you can tweak them. At this point you're on your own.

You don't have to ever use eject. The curated feature set is suitable for small and middle deployments, and you shouldn't feel obligated to use this feature. However we understand that this tool wouldn't be useful if you couldn't customize it when you are ready for it.

Learn More You can learn more in the Create React App documentation.

To learn React, check out the React documentation.

1. Code Splitting
2. Analyzing the Bundle Size
3. Making a Progressive Web App
4. Advanced Configuration
5. Deployment
6. yarn build fails to minify

2 Backend

How to install and run the Django app:

Assuming you have installed python and downloaded the repository already

1. change your directory to

```
<REPOSITORY>\Projects\Backend
```

2. install virtual environment using

```
python -m venv venv
```

3. activate the virtual environment using

```
.\venv\Scripts\Activate
```

(for Windows) or

```
source mypython/bin/activate
```

(for Mac OS / Linux)

4. install the required packages using

```
pip install -r requirements.txt
```

You should be able to run the project now. To do so, use:

```
cd ./src
python manage.py runserver
```

Do not forget to add required packages into requirements.txt. To do so, use:

```
pip freeze > requirements.txt
```

Good luck on the project

3 iOS

3.1 System Requirements

1. MacOS Catalina 10.15.4 or higher
2. XCode 12.0 or higher
3. Simulator with iOS 13.0 or higher installed

3.2 How to Run

1. First, get master branch of <https://github.com/bounswe/bounswe2020group9> to your local repository. You can either use the command line or GitHub Desktop app in order to achieve this.
2. In order to run the iOS app with the Simulator on your computer go to the directory <REPOSITORY>/Projects/Mobile/Bazaar-iOS. And, open the file Bazaar-iOS.xcworkspace with XCode.
3. After ensuring that **iOS Deployment Target** is set to 13.0 or higher, build and run the project with any iOS Simulator Device having iOS 13.0 or higher (recommended devices: iPhone 11/12).