

Web App Final - It Vending Machine

❖ How to Install App

- Import sql Database, Install dependencies
- Install cors, express, body-parser, mysql2, and dotenv
- Import the sql
 - From downloads on machine terminal
 - `scp db.sql@raspberry-pi-ip:Desktop`
 - On the pi
 - `mysql -u user -p DB <db.sql`
- Create directory
 - `Mkdir vending/web/api/js/src/iotapi/sh/json`
- Create sub directory in iotapi
 - `Mkdir iotapi/routes`
- Import files
 - `index.js` in iotapi
 - Bash files in sh folder
 - `User.js` and `item.js` in routes folder
 - Json files in json folder
- Sudo apt install npm
- Sudo apt install nodejs
- Download angular client
 - `Sudo npm install @angular/10.0.16`
- Make new angular app in vending directory
 - `Ng project angular-vending-app`
- Make home component
 - `Ng new component home`
- Import files
 - Import html in the `home.component.html` file
 - Import css in the `home.component.css` file
 - Import ts in the `app.module.ts` (in the app folder)
 - Import the ts in the `app-routing.module.ts` (in the app folder)

❖ **How to Setup an Inventory**

➤ **Inventory**

- **Login as Admin**
- **Use Add Function to Create Inventory**

➤ **QR Code Generation**

- **A Python File Connected to qrGenerator Automatically Creates the Qr Codes**

❖ **[ERD for Database](#)**