

Installation & Execution Document

Project Name:

MarketMint

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1. Prerequisites

Before running the project, ensure you have:

1. **Node.js** = v22.14.0 version
2. **npm** (comes with Node.js)
3. **Python** = Python 3.10.0 version
4. **Database** – MongoDB
 - Make sure the database server is running
 - Create required database(s) and user(s)
5. Other required tools/libraries: Nodemailer, dotenv, etc
6. EC2 instance, S3 bucket, CloudFront distribution, SES verified emails

2. Clone the Repository

Repo url: <https://github.com/aditinaik74/amazon-mini-clone.git>

```
git clone <repository_url>
```

```
cd <project_folder>
```

3. Install Dependencies

```
# Using Python scripts:  
pip install -r requirements.txt
```

4. Configuration

- Create a `.env` file in the backend folder:

```
AWS_ACCESS_KEY_ID=<your_aws_access_key>
```

```
AWS_SECRET_ACCESS_KEY=<your_aws_secret_key>
```

```
EMAIL_FROM=<your_verified_email>
```

- Adjust any ports or API keys as needed.

5. Start the Project

```
npm start  
# or  
node app.js
```

6. Access the Application

- Open your browser:
<http://localhost:3000/home>
- Expected behavior:
 - Homepage loads successfully

- Signup/Login works with email verification
- Product browsing, cart, and order placement function correctly
- AWS SES emails are sent successfully

7. Notes

- Ensure the database is running before starting the backend.
- Update `.env` variables if ports or credentials differ.
- Follow instructions exactly to avoid errors.