Moody Foody Deployment Guide

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1 Introduction

Moody Foody is a Flutter-based restaurant application with a Node.js backend API. This guide outlines the steps to run the application on your local machine for testing and development.

2 Prerequisites

1. **Flutter SDK:** Install Flutter on your machine. Follow the official Flutter installation guide: https://flutter.dev/docs/get-started/install.

2. **Node.js and npm:** Install Node.js and npm. Follow the official Node.js installation guide: https://nodejs.org/en/download/.

3. **MongoDB:** Ensure that MongoDB is installed and running on your local machine.

4. **Moody Foody Source Code:** Clone or download the Moody Foody source code from the repository.

3 Moody Foody Backend (Node.js API)

1. **Navigate to the Backend Directory:** Open a terminal and navigate to the directory containing the Moody Foody backend.

2. **Install Dependencies:** Run the following command to install the backend dependencies.

    ```
    npm install
    ```

3. **Configure Environment Variables:** Create a `.env` file in the backend directory and set the MongoDB connection string and other necessary variables.

```
MONGODB_URI=your-mongodb-connection-string
PORT=3000
```

4. **Start the Backend Server:** Run the following command to start the Node.js server.

```
npm start
```

4   Moody Foody Frontend (Flutter App)

1. **Navigate to the Frontend Directory:** Open a new terminal and navigate to the directory containing the Moody Foody Flutter app.

2. **Install Dependencies:** Run the following command to install the Flutter dependencies.

```
flutter pub get
```

3. **Run the App:** Ensure that an Android emulator or iOS simulator is running, or connect a physical device. Run the following command to launch the Flutter app.

```
flutter run
```

5   Testing

1. **Access the Moody Foody App:** Open a web browser or the Flutter app on your emulator/device. Access the app at the specified URL or on the emulator/device.

2. **Test Functionality:** Test various functionalities, including user registration, menu browsing, and placing orders.

6   Conclusion

Congratulations! You have successfully deployed the Moody Foody application on your local machine. Use this local deployment for testing and development purposes. Adjust configuration files and environment variables based on your requirements.

For production deployment, consider hosting the backend API on a cloud server and configuring the Flutter app accordingly.