

README

Campus Eats: The Inter-Campus Food Delivery Ecosystem

A mobile-platform-based food ordering and delivery system tailored for students and staff, which features distinct user roles for customers, shops, dashers, and a tiered administration system including an Admin and a Super Admin.

Teck Stack

Technology	Version/Release	Description
React Native	0.76.9	Primary framework for building Android apps.
Expo	~52.0	Tools and services for building and running React Native apps
Spring Boot	3.2.6	Backend framework for building REST APIs.
MongoDB Atlas	Serverless (Cluster-dependent)	Cloud-hosted NoSQL database for flexible data storage

Install Prerequisites

Java Development Kit (JDK)

- **Version:** Java 17 (LTS)
- **Download:** [Oracle JDK](#) or [OpenJDK](#)
- **Verify Installation:**

```
• java -version
• # Should show: java version "17.x.x"
```

Apache Maven

- **Version:** 3.8.x or higher
- **Download:** <https://maven.apache.org/download.cgi>
- **Verify Installation:**

```
• mvn -version
• # Should show: Apache Maven 3.8.x
```

MongoDB

- **Version:** 5.0 or higher
- **Cloud (Recommended):** [MongoDB Atlas](#) (Free Tier Available)

Clone Repository (skip this part if repository already downloaded)

1. Install Git from <https://git-scm.com/downloads>.

2. Open Command Prompt (Windows) or Terminal (macOS/Linux).
3. in the Command Prompt, run: `cd [folder location where you want to store the project]`
ex. `cd Documents`
4. **run:** `git clone https://github.com/Lracc/campus_eats.git`

Installation Instructions for the Server (Springboot)

1. After the repository has been cloned, open folder in VS Code
2. Add a new file inside the backend/campuseats/src/main/resources named '.env'
3. Copy and paste content below to the new file '.env'

```
MONGO_DATABASE=campuseats
MONGO_USER=carljtampus
MONGO_PASSWORD=Password1!
MONGO_CLUSTER=campuseats.b3apc.mongodb.net
```

```
AZURE_CONNECTION_STRING=BlobEndpoint=https://campuseats1.blob.core.windows.net/;QueueEndpoint=https://campuseats1.queue.core.windows.net/;FileEn
dpoint=https://campuseats1.file.core.windows.net/;TableEndpoint=https://campuseats1.table.core.windows.net/;SharedAccessSignature=sv=2024-11-
04&ss=bfgt&srt=sco&sp=rwdlacupiytfx&se=2025-12-30T19:19:17Z&st=2025-06-
12T11:19:17Z&spr=https&sig=7w6%2FeqhP84m7IsA6MKL%2BsdPQV%2BPrvp2f5Pk3HCrtY8s%3D
```

```
EMAIL_ID=campuseatsv2@gmail.com
VERIFY_EMAIL_HOST=http://localhost:8080/
BREVO_API_KEY=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
```

```
XENDIT_SECRET_KEY=xnd_development_9RkEe2ZB6uHoC6mquSSRxxzNWGQmDRackgMsKx6koOqsOe7LkLjd9Zjpaxoea
#PAYMONGO_SECRET_KEY=sk_test_RgxM2ho9g9kexWcLuByQ37jP
XENDIT_WEBHOOK_URL=http://localhost:8080/api/xendit-webhook
XENDIT_WEBHOOK_VERIFICATION_TOKEN=TBpJLYGFevPcQe0RxA3poqnZ4JbWLJCWtyM8ftyYdrtOOH8G
FRONTEND_URL=exp://192.168.1.30:8081
```

```
REACT_APP_API_BASE=http://localhost:8080
```

```
REACT_APP_SOCKET_URL=http://localhost:3001
VITE_SOCKET_URL=http://localhost:3001
```

```
# Agora RTC Configuration
AGORA_APP_ID=8577fb1c76804e25a69047331f7c526c
AGORA_APP_CERTIFICATE=6a854a4f51394275b518bf24dcab92ef
```

4. Open Terminal (Ctrl + Shift +')
5. Run:
 - a. `cd backend/campuseats` (let VS Code detect java before proceeding to next steps)
 - b. `mvn clean install`
 - c. `mvn spring-boot:run`
6. Terminal should state "Server running" somewhere. You can test by going to localhost:8080

Installation Instructions for the Client (Expo Go)

1. In the terminal go back to the root folder of the repository "campus_eats"
 - a. `cd ../../`
 - b. `cd mobile`
2. Install the dependencies
 - a. `npm install`
3. Run the Development Server
 - a. `npx expo start`
4. Install expo go on your Mobile devices, Scan the Qr from the Terminal]

User Instructions for Placing an Order Steps to Place an Order:

1. **Login:**
Navigate to the login page.
Use the following credentials:
Username: user
Password: Testing123
 2. **Go to Home:** After logging in, you'll be directed to the homepage.
 3. **Select a Shop:** Browse available shops listed on the homepage and choose one.
 4. **Select Item(s):** Choose the items you want to order from the selected shop.
 5. **Open Cart:**
Open the cart by clicking on the **Cart** icon in the navbar.
 6. **Edit Cart:** You can modify your cart by adding/removing items or adjusting quantities.
 7. **Proceed to Checkout:** Once satisfied with your cart, click **Proceed to Checkout**.
 8. **Enter Delivery Details:** Fill in your delivery address and other details.
 9. **Select Payment Method:** If you're using online payment, select your preferred payment method (e.g., GCash, Online Banking).
 10. **Redirect to XendIt:** You'll be redirected to XendIt for payment processing.
Choose your payment method (e.g., GCash, Online Banking).
 11. **Finish Payment:** Complete the payment process, It will redirect shortly to the application.
 12. **Order Completion:** Wait for a dasher to accept and complete your order.
 13. **Rate the Dasher:** After the dasher has delivered your order, confirm by rating them.
 14. **Finish:** Your order process is complete.
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Application Process Overview for Dasher and Shop Owner

Registration Flow

1. Download and install the Campus Eats mobile app
 2. Create a customer account (if you don't have one)
 3. **NEW USERS:** Pop-up prompt appears immediately after first login
 4. Submit application as Dasher or Shop Owner
 5. Wait for admin approval
 6. Receive email notification upon approval
 7. Log in with approved role access
-

How to Apply as a Dasher

Step 1: Access the Application Form

For New Accounts:

- **Automatic Pop-up:** When you first log in, you'll see a welcome pop-up asking: "Would you like to apply as a Dasher or Shop Owner?"
- **Tap "Apply as Dasher"** to proceed directly to the application form

For Existing Accounts:

1. **Open Campus Eats Mobile App**

2. **Navigate to Profile/Settings**

3. **Tap on "Apply as Dasher"**

Step 2: Fill Out the Application Form

Step 3: Submit Application

1. Review all information

2. Accept Terms and Conditions

3. Tap **"Submit Application"**

4. Confirmation message: *"Your dasher application has been submitted and is pending approval."*

Step 4: Wait for Approval

- **Processing Time:** 1-3 business days

- **Email Notification** sent to: campuseatsv2@gmail.com

- **Check Status:** Profile > Application Status

Step 5: Start Dashing

Once approved:

1. Log out and log back in

2. Toggle to "Start Delivering"

3. Go online and start accepting orders!

How to Apply as a Shop Owner

Step 1: Access the Application Form

For New Accounts:

- **Automatic Pop-up:** When you first log in, you'll see a welcome pop-up asking:

"Would you like to apply as a Dasher or Shop Owner?"

- **Tap "Apply as Shop Owner"** to proceed directly to the application form

For Existing Accounts:

1. **Open Campus Eats Mobile App or Web Dashboard**

2. **Navigate to Profile/Settings**

3. **Tap on "Register Your Shop"**

Step 2: Fill Out the Application Form

Complete the shop owner application form with:

- Business owner information

- Shop/restaurant details (name, description, cuisine type)

- Location and operating hours

- Upload required documents (Business Permit, Sanitary Permit, Valid ID)

- Bank/payment information

Step 3: Submit Application

1. Review all information

2. Accept Shop Owner Terms and Conditions

3. Tap **"Submit Application"**

4. Confirmation message: *"Your shop application has been submitted."*

Step 4: Wait for Approval

- **Processing Time:** 2-5 business days

- **Email Notification** sent to: campuseatsv2@gmail.com

- **Admin may contact** you for verification or shop inspection

Step 5: Start Managing Your Shop

Once approved:

Via Mobile App:

- Switch to "Shop Owner Mode"
 - Manage menu, orders, and shop status
-

Administrator Credentials

The Campus Eats system includes pre-set administrator accounts used to manage each campus. These login details are supplied by the development team.

Admin accounts are **pre-created** and do not require registration. Contact the development team to receive admin credentials.

Login Information Format:

- Email: [Provided by development team]
- Password: [Provided by development team]

Access Points: Web Dashboard: <http://localhost:3000>

Admin Dashboard Access

Step 1: Access the Web Dashboard

1. **Open your web browser** (Chrome recommended)
2. **Navigate to:**
 - **Local:** <http://localhost:3000>
 - **Production:** [Your deployed URL]
3. **Log in** with provided admin credentials

Step 2: Admin Features

Once logged in as admin, you have access to:

Dashboard Overview

- Total users, orders, revenue statistics
- Real-time order monitoring
- System analytics and reports

User Management

- View all registered users (Customers, Dashers, Shop Owners)
- Approve/reject Dasher applications
- Approve/reject Shop Owner applications
- Suspend or delete user accounts
- View user activity and history

Shop Management

- Review and approve new shop applications
- Edit shop information
- Suspend or remove shops
- Monitor shop performance

Dasher Management

- Review and approve dasher applications
- View active dashers and their status
- Monitor delivery performance
- Manage dasher ratings

Order Management

- View all orders (Active, Completed, Cancelled)
- Monitor order flow in real-time
- Handle customer disputes
- Issue refunds when necessary

Payment Management

- View all transactions
- Monitor payment statuses (via Xendit)
- Generate financial reports
- Track commission earnings

Notifications & Communications

- Send system-wide announcements
- Email notifications to users
- Manage approval/rejection emails

For more information or questions contact:

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