

# 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 (Clusterdependent)	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](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/;FileEndpoint=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%2FeghP84m7IsA6MKL%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:** User01  
**Password:** Welcome1!
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
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## **How to Use Campus Eats as a Dasher**

### **Step 1: Login to Your Dasher Account**

1. Open Campus Eats Mobile App
2. Navigate to the login page
3. Use your dasher credentials:
  - **Username:** Dasher01
  - **Password:** Welcome1!

### **Step 2: Go Online to Accept Orders**

1. Navigate to your **Profile/Settings**
2. Toggle "**Start Delivering**" to go online
3. Your status will change to "Active"

### **Step 3: View Available Orders**

1. Tap on the "**Incoming**" tab at the bottom navigation
2. You will see available orders waiting for dasher assignment
3. When a new order arrives, you'll hear a notification sound

### **Step 4: Accept an Order**

1. Review the order details (customer info, items, delivery location, payment method)
2. Check the total earnings and delivery fee
3. Tap "**Accept Order**" to get assigned
4. The notification sound will stop automatically

### **Step 5: Complete the Delivery Flow**

Once you accept an order:

1. Navigate to the "**Orders**" tab to view your active delivery
2. Follow the delivery process:
  - **To Shop:** Head to the restaurant/shop
  - **Arrived at Shop:** Mark arrival and wait for order preparation
  - **Preparing:** Wait for the shop to prepare the order
  - **Ready for Pickup:** Collect the order from the shop
  - **To Customer:** Deliver to the customer's location
  - **Delivered:** Complete delivery and upload proof

### **Step 6: Manage Earnings and History**

- View completed deliveries in "**Orders**" tab (Past Orders section)
- Check your earnings and reimbursements in **Profile**
- Handle disputes or no-show reports if needed

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## How to Use Campus Eats as a Shop Owner

### Step 1: Login to Your Shop Account

1. Open Campus Eats Mobile App
2. Navigate to the login page
3. Use your shop owner credentials:
  - **Username:** Shop01
  - **Password:** Welcome1!

### Step 2: Set Up Your Shop

1. Navigate to **Profile/Settings**
2. Ensure your shop details are complete:
  - Business information
  - Shop name and description
  - Operating hours
  - Menu items and pricing
  - Delivery fee settings

### Step 3: Receive and Manage Incoming Orders

1. Tap on the **"Incoming"** tab at the bottom navigation
2. You will see new orders from customers
3. When a new order arrives, you'll hear a notification sound

### Step 4: Accept or Decline Orders

1. Review the order details (customer name, items, total, payment method)
2. Choose to:
  - **Accept Order:** Tap "Accept" to confirm - the notification sound will stop
  - **Decline Order:** Tap "Decline" and provide a reason

### Step 5: Prepare and Track Orders

Once you accept an order:

1. Navigate to the **"Orders"** tab
2. View orders in different stages:
  - **Pending Orders:** Waiting for dasher assignment
  - **Ongoing Orders:** Currently being prepared or out for delivery
  - **Past Orders:** Completed orders

### Step 6: Update Order Status

1. When order is ready, update status to **"Ready for Pickup"**
2. Wait for dasher to arrive and collect
3. Hand over the order to the dasher
4. Track delivery progress until completion

### Step 7: Manage Your Shop

- Toggle shop status (Open/Closed) in **Profile**
- Update menu items and availability
- View sales history and earnings

- Handle order disputes or issues
  - Monitor shop ratings and reviews
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## 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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