

1. Run Integration Middleware

Depending on the systems to run as per the Technical Diagram, run appropriate servers from the following

i. WampServer

Go to <http://localhost/phpmyadmin/>

Import 'restaurant_info.sql' and 'customer_info.sql' from "/sql" directory into phpmyadmin

ii. EMS Server

Start Tibco EMS Server

iii. TIBCO Designer

Click "Open existing project"

Choose "/Integration Middleware" to as project directory

Click "OK" to import the TIBCO BW project

Click "F9"

Click "Select All"

Click "Load Selected" to run the Test Mode

2. Run CRM and RMS

i. Execute both setup.bat and then run.bat in /Sys-CRM and /Sys-RMS

3. Prepare and run Customer Order System (COS)

COS is a NetBeans project and can be executed with NetBeans IDE. Alternatively, it can be deployed in the Tomcat server.

i. As it sends JMS message to integration middleware, we need to change the server field of EMSMessageSender.java to the EMS/IM server's IP address.

EMSMessageSender is located at /Sys-

COS/src/java/utility/EMSMessageSender.java

ii. To receive payment confirmation message from Payment Server deployed on Heroku, COS has to be accessed from Heroku server. Given that our machine cannot be accessed from server outside SMU network during out presentation, we use pagekite service to forward COS's port 8080 to a remote URL "eizuiqiang.pagekite.me". The setup file pagekity.py can be found in /Sys-COS. It requires python environment to execute the script.

iii. Run COS with NetBeans after setting up CRM, RMS and the Integration Middleware. Put in a valid user ID (luning, jj, yuxuan etc.) and a valid Singapore-based postal code.(e.g. 330004) (The database only capture postal codes that lies in Kallang, Novena and Rochor) Submit the request.

iv. COS will then display a list. Select one or many packages of one restaurant and submit request.

v. Fill in the credentials in the PayPal page and continue until you receive a thank-you message

Credential for testing: Username – eat.eat.eat@gmail.com Password – Jjjjjjj1