

# Project Part2

- **Team:** ChenHao Cheng, Eric Murphy, Peter Delevoryas, Hulaif Muhammad Ilyas
- **Title:** Eat-net
- **Project Summary:** Eat-net is a website similar to [Hungry Buffs](#), where people in Boulder can find and order food online, and restaurant owners can sign up to instantly allow consumers to order online.

Business Requirements				
ID	Requirement	Topic Area	Actor	Priority
BR-1	Add advertisments to the site to generate revenue	Website	Eat-net	Low
BR-2	Being able to view site usage	Logging	Eat-net	Medium
BR-3	Being able to pay fees to Paypal	Payment	Paypal	Critical

User Requirements				
ID	Requirement	Topic Area	Actor	Priority
UR-1	Each business user can login to corresponding restaurant admin page	Authentication/ web generator	Businesses	Critical
UR-2	Each business user can sign up	Authentication/ web generator	Businesses	Critical
UR-3	Each business user can specify restaurant information (menu, prices, description, address)	Restaurant Administration	Businesses	Critical
UR-4	Add food item to shopping cart	Ordering	Consumer	Critical
UR-5	Review items in shopping cart	Ordering	Consumer	Critical
UR-6	Pay for items in shopping cart	Ordering	Consumer	Critical
UR-7	Generate a monthly report for each business	Reporting	Businesses	Low

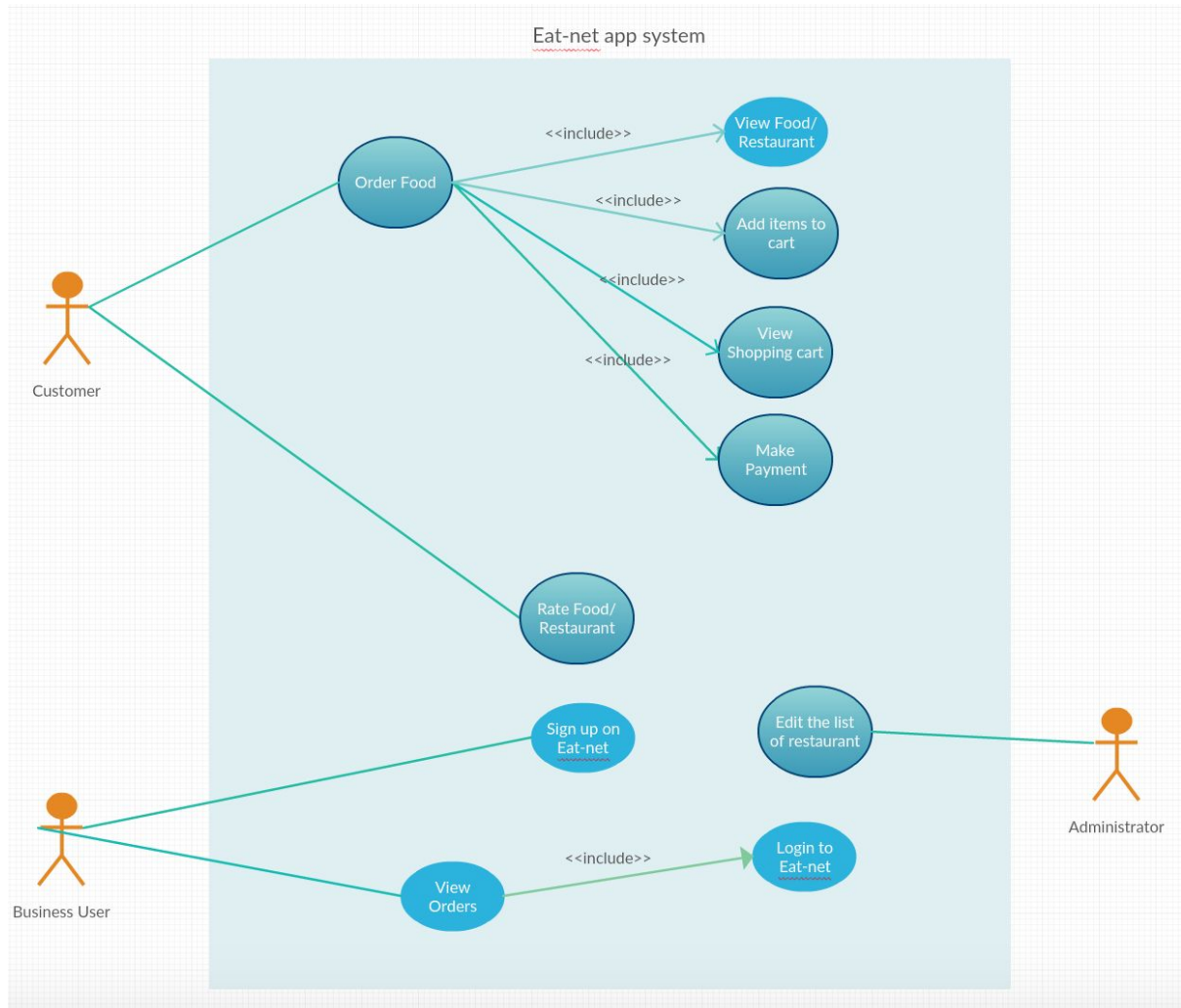
UR-8	Being able to view orders from consumers	Ordering	Businesses	Critical
UR-9	Rate restaurants and items	Reviews	Consumers	High

Non-Functional Requirements				
ID	Requirement	Topic Area	Actor	Priority
NFR-1	Payment Encryption	Security	All	Critical
NFR-2	Site and Database Reliability	Stability	All	Critical

- **Data Storage:**

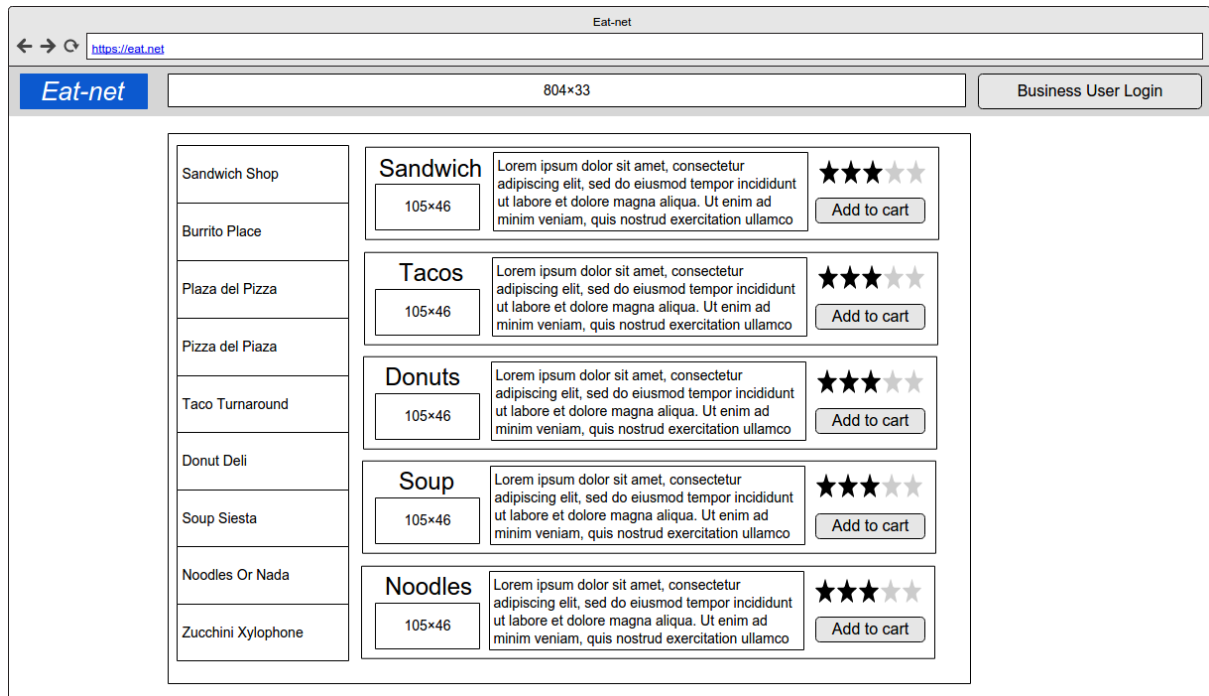
We plan on using MySQL to store data. We will have a single MySQL database which various parts of the application connect to, and through which changes to the model of our application will be synchronized. Specifically, we will need to store information for each restaurant (menu, location, payment information, prices), restaurant admin account information (username, password, corresponding restaurants), and order information (when someone makes an order, a transaction object should be created containing a unique ID number, items purchased, payment success, consumer identity).

- **Use Cases:**



- UI Mockups:

## Index page



- **Class Diagram:**

