

The background of the slide is a scenic photograph of the University of Colorado Boulder campus. A large, historic brick building with a central tower and an American flag on top is visible. The building is surrounded by lush green trees with some autumn-colored foliage. In the background, a large, rugged mountain with rocky peaks rises under a blue sky with scattered white clouds.

Food Delivery

Team #28

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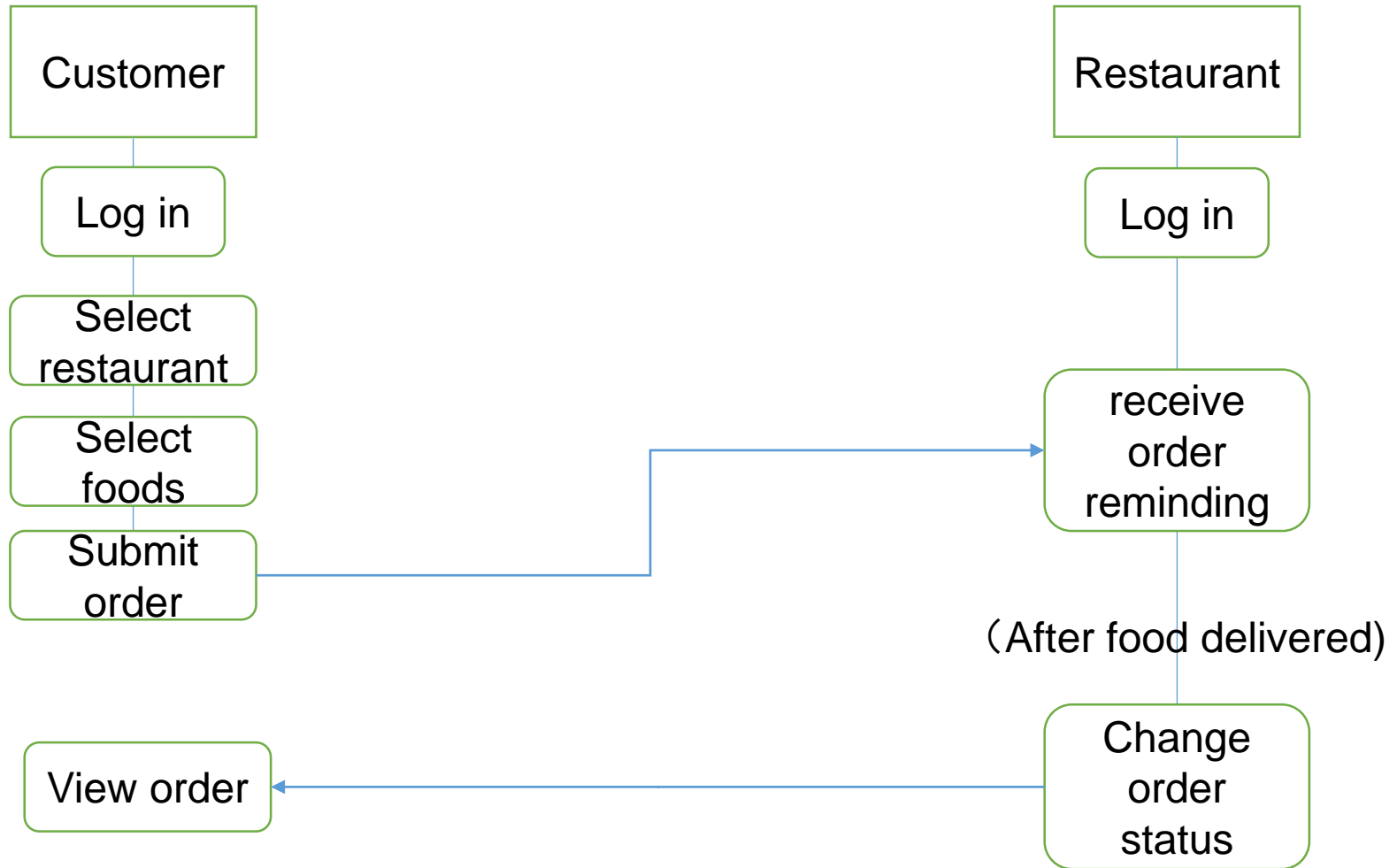


University of Colorado **Boulder**

Project Proposal

- Customer can select his/her favorite restaurant and make order. The restaurant should begin cook the food and delivery it to customer's address.
- Restaurant can update restaurant information and food menu. It should be notified after an order have been made by a customer.

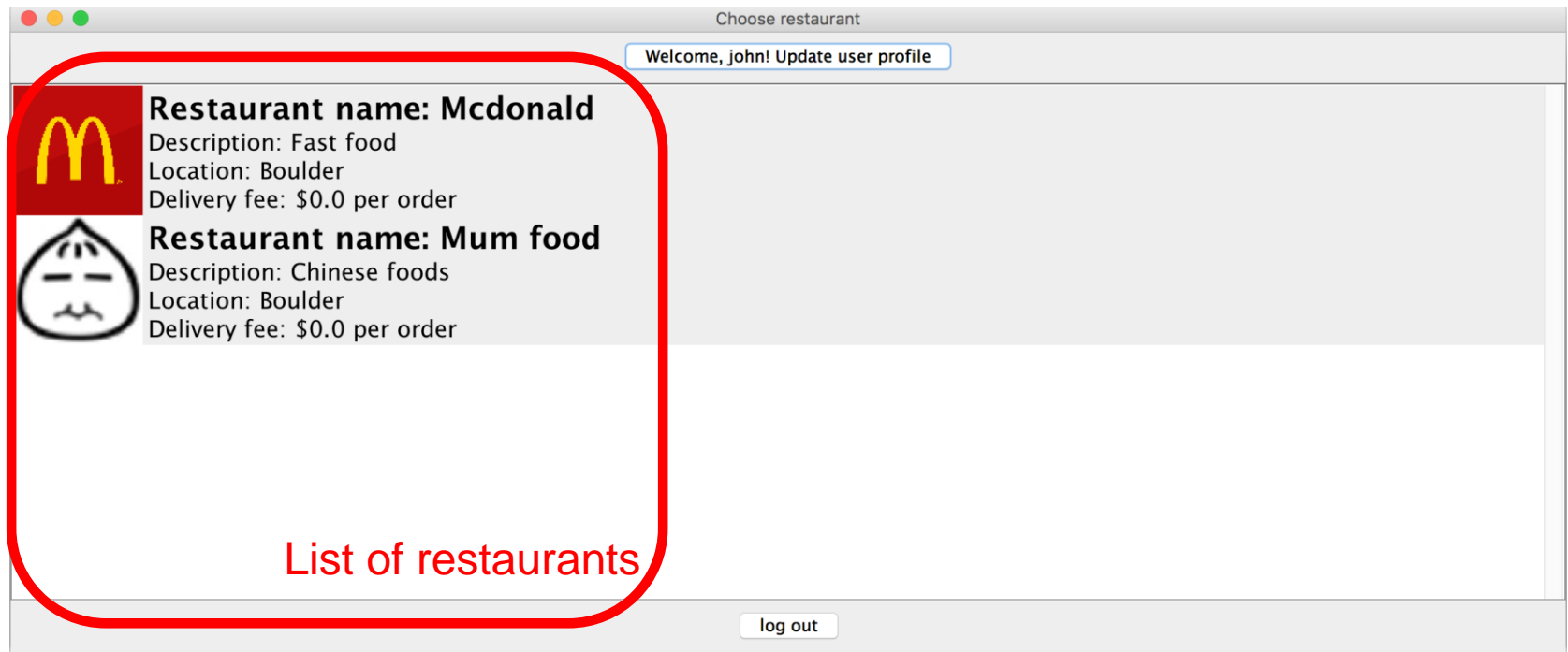
Overview



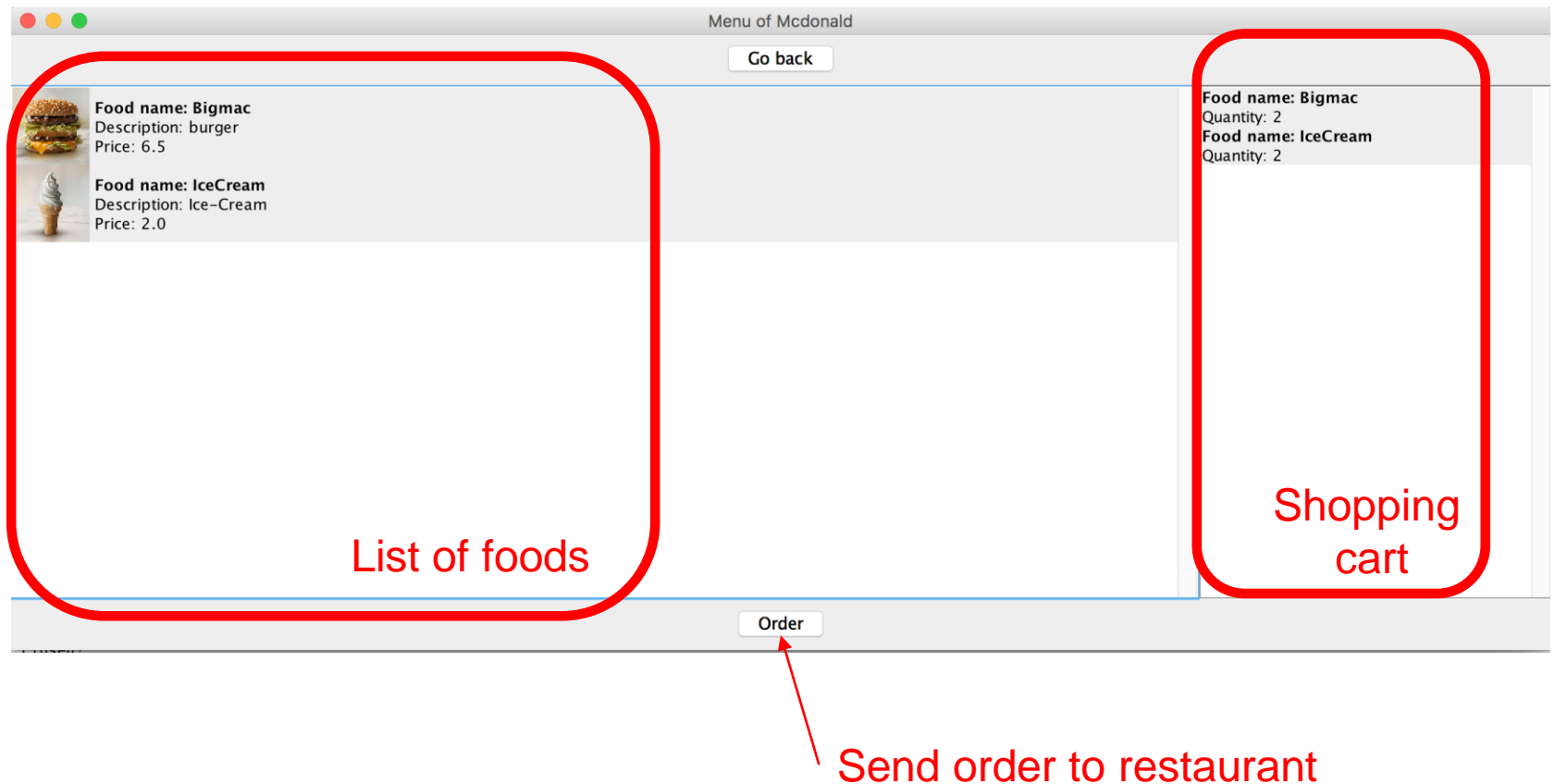
Use case

- UC-02 View food menu
- UC-03 Add foods into shopping cart
- UC-04 Create new order

Customer (select restaurants)



Customer (create order)




Use case

- UC-16 Update restaurant information
- UC-17 Add food
- UC-18 Update food information
- UC-19 Delete food
- UC-05 View new order
- UC-06 Complete order

Restaurant (manage orders)

Restaurant Management



Mcdonald

Description: Fast food
Address: Boulder

Deliver Fee: 0.0
Open Time: 3:00-24:00

Update

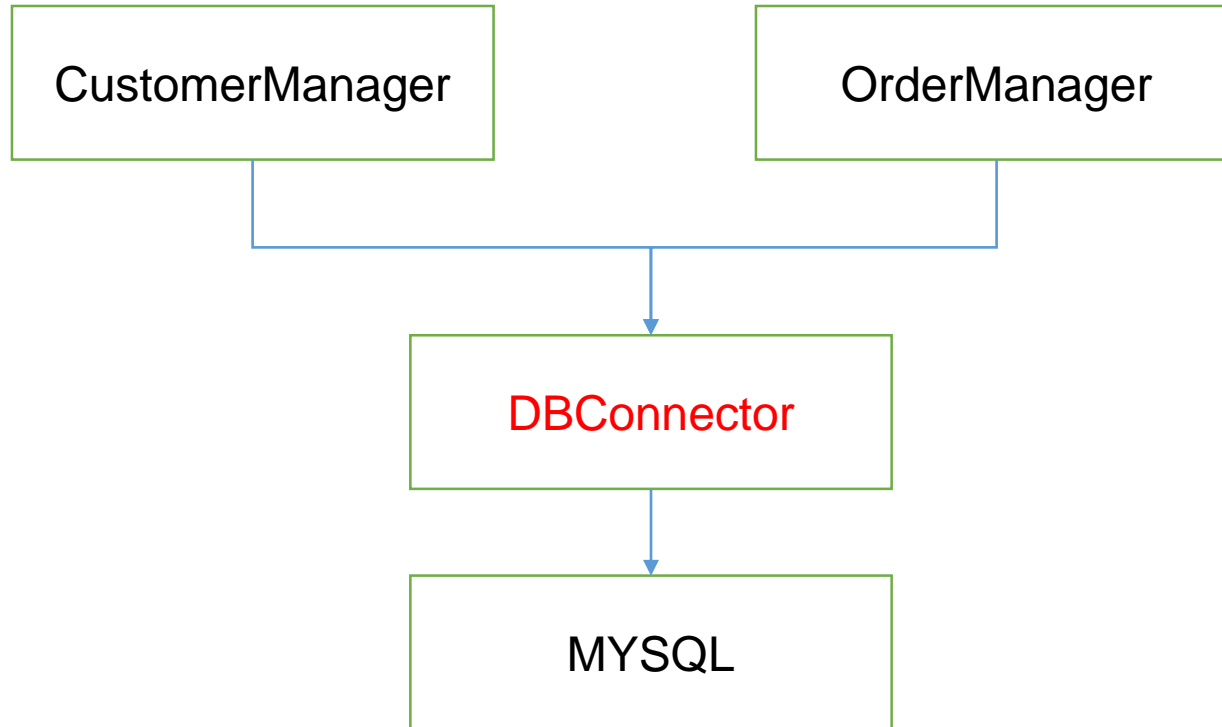
Foods Orders

Customer: john
Order Time: 2016-12-04 21:34:39.0
Address: aabbabcd street
Status: Delivered

Double-click to change
order's status

New orders
will be listed
here

Design Pattern: Singleton



Design Pattern: Singleton

```
public class DBconnector {  
    private static Configuration cfg = null;  
    private static SessionFactory factory = null;  
    private static Session session = null;  
  
    public DBconnector() {}  
    public static synchronized void newSession() {  
        if ( cfg == null ) {  
            //creating configuration object  
            cfg=new Configuration();  
            cfg.configure("hibernate.cfg.xml");  
            //creating session factory object  
            factory=cfg.buildSessionFactory();  
        }  
        if ( session==null )  
            //creating session object  
            session=factory.openSession();  
    }  
}
```



Demo time

- https://github.com/chensqi/csci5448-food-delivery-project/blob/master/FoodDeliverySystem_Video.wmv