Order-N-Get
Online Dish Order System

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Content

Introduction

Problem:

Restaurant:

- Want to make more money but the seat is limited.
- High cost on hire a new employee to do delivery service.
- Want to use the internet to advertise their restaurant.

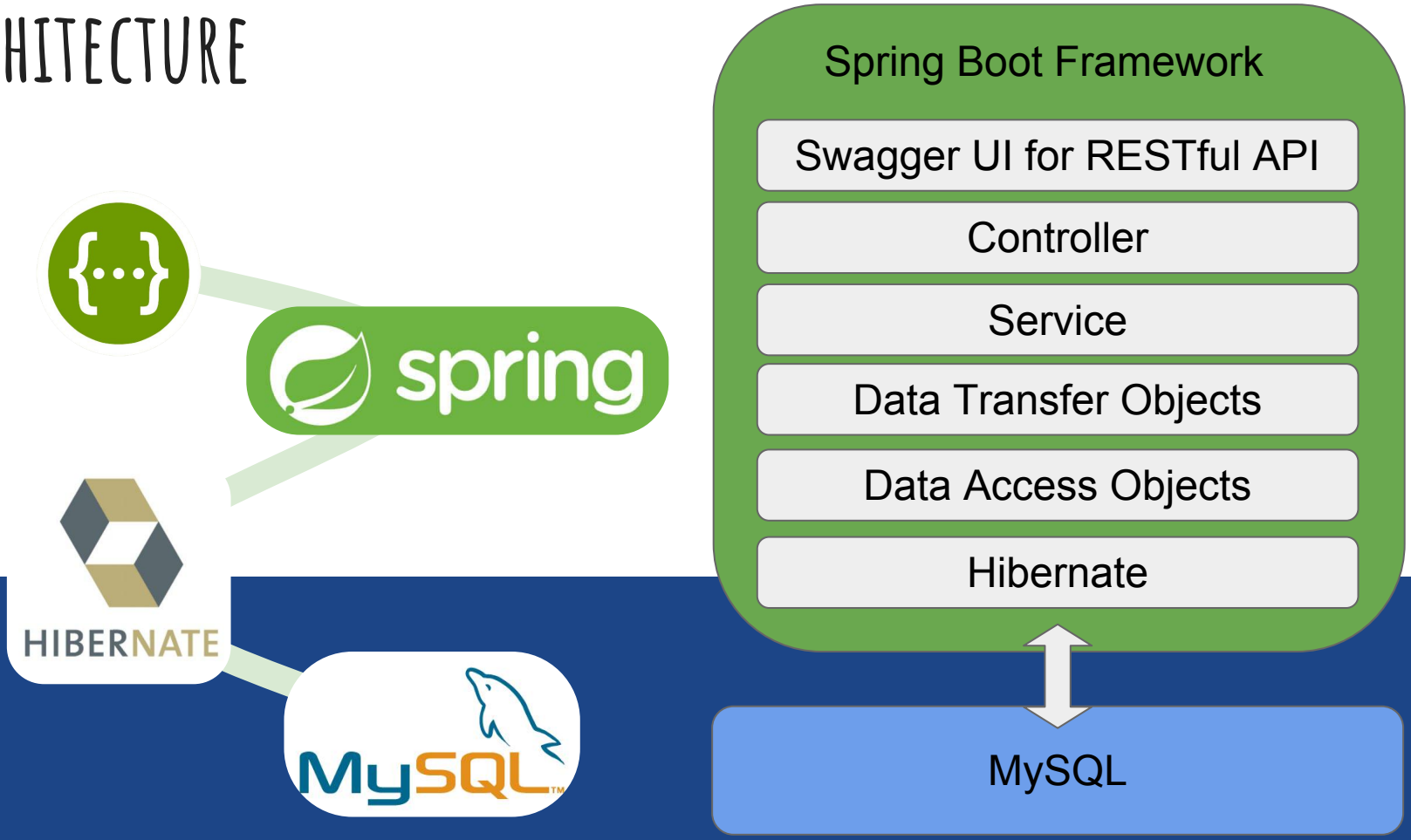
Customer:

- Some restaurant's waiting time is too long.
- Want to see restaurants information in their area.
- Want delivery service.

Solution:

Order-N-Get Online Dish Order System

Architecture



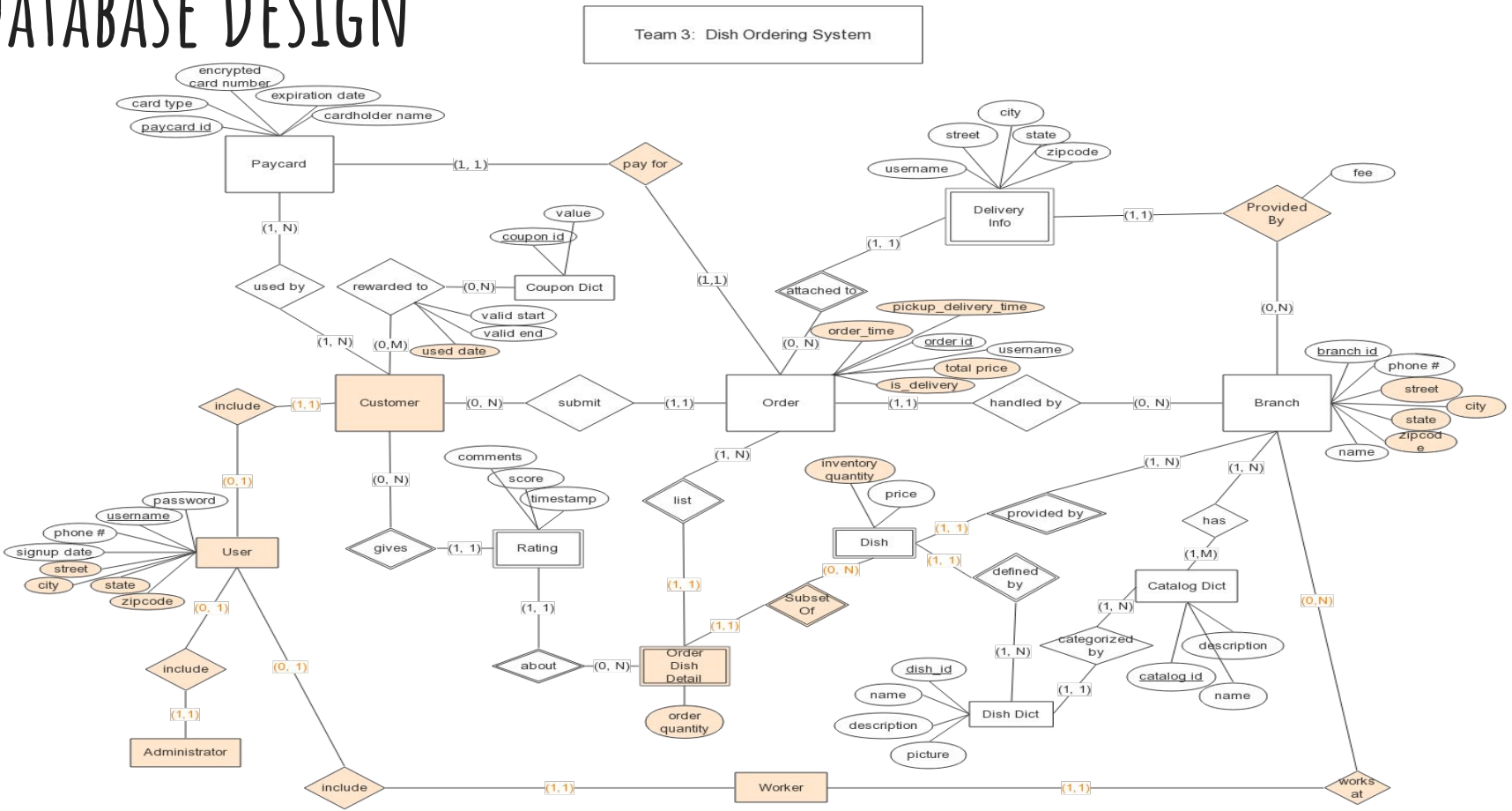
Transactions

Every Controller Method (e.g. GET, PUT, POST, and DELETE) is a Transaction

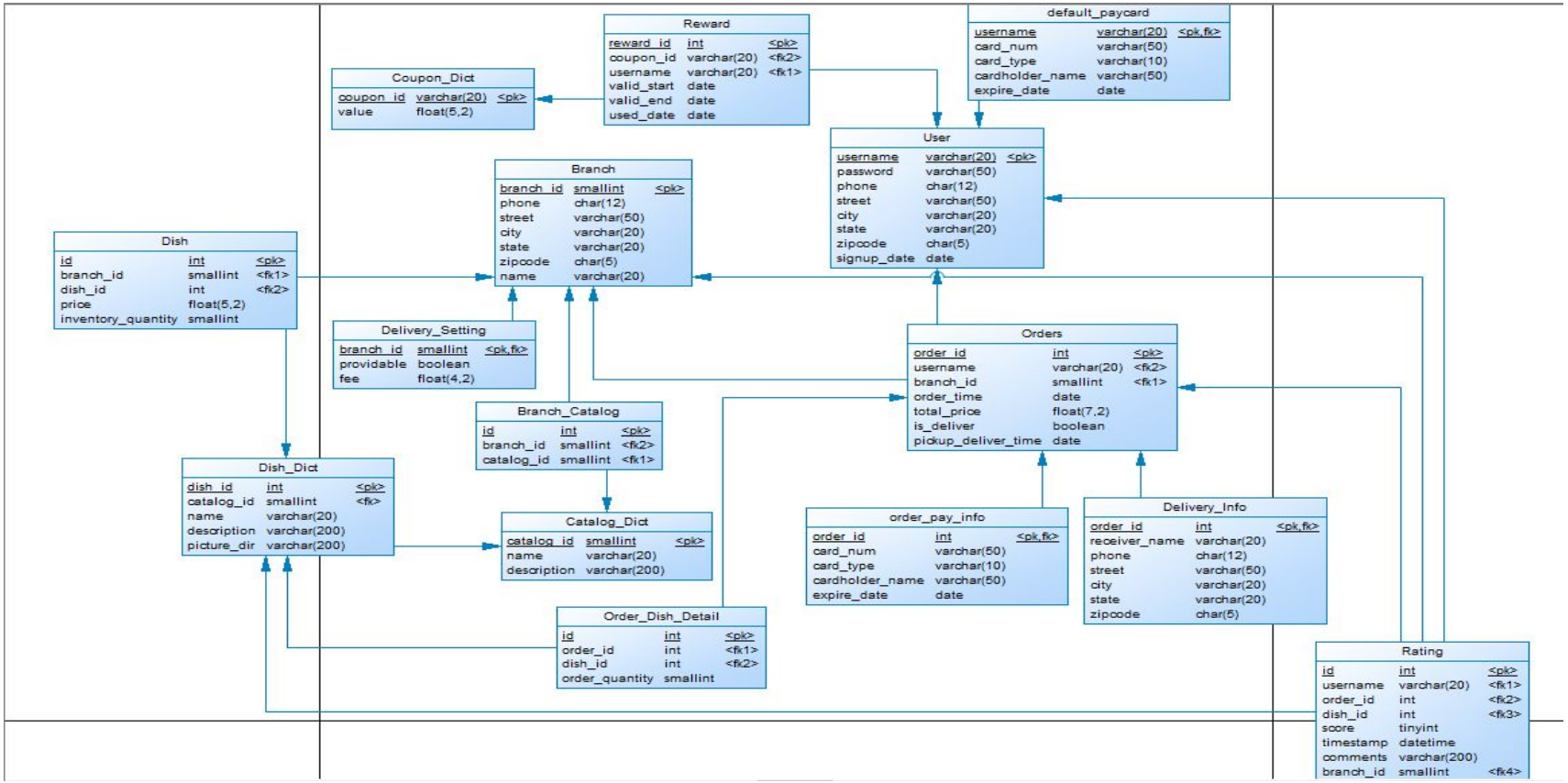
- Flexible Annotation
- Complex Transaction Logic
- Easy to Manage

```
@EnableTransactionManagement
// Add before Main App Class

new HibernateTransactionManager();
// Add to Hibernate Config

@Transactional(rollbackFor =
Exception.class)
// Add before Controller Class
```

Database Design



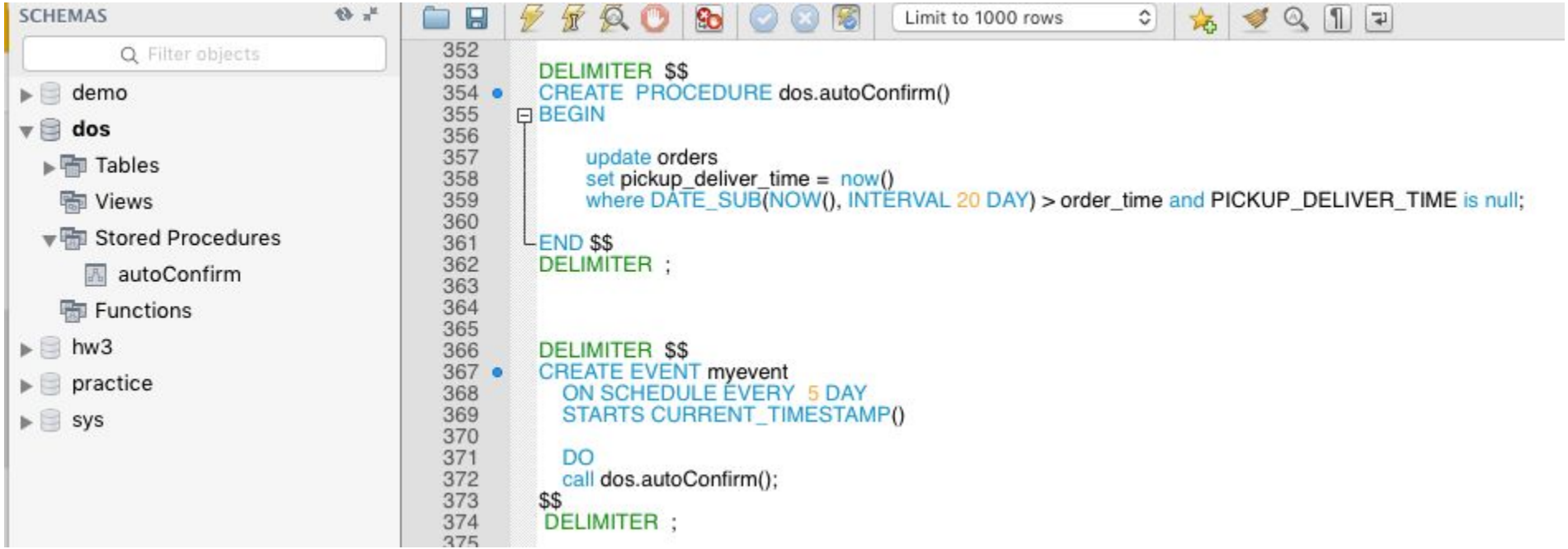
Database Design



Triggers

```
DELIMITER $$
CREATE TRIGGER send_commitReword AFTER INSERT ON Rating
FOR EACH ROW

  BEGIN
      DECLARE rewards Integer;

      SELECT count(*) INTO rewards FROM RATING WHERE order_id = NEW.order_id;

            IF  ( rewards = 1) THEN

                  INSERT INTO REWARD (coupon_id, username, valid_start,valid_end) VALUES
                  ( 'commentReward',NEW.username, now(), (now() + INTERVAL 20 DAY));

       END IF;

END $$
DELIMITER ;
```

STORED PROCEDURE



DEMO TIME!

Retrospective

What we did well?

- Develop as a team
- Learn from practice

What we learned?

- Database service.
- Spring Framework.
- TeamWork Communication.
- Git management.

What can be improved?

- Do it after communication
- More function(inventory management, more analysis function based on data)
- Front end

Thank You!