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1. Introduce

- 1) Project's name: Panya (パン屋)
- 2) Project's address: https://github.com/flowerbudlah/panya_japan.git
- 3) Project Execution Period: From May 17, 2021 to June 25, 2021
- 4) Number of performers: 1 person
- 5) Project objectives :
- To sell fresh and delicious bread to customers who can't visit the store, we made a shopping mall specializing in bakeries.
- 6) Role: Everything from design to development.

1. Introduce

- 7) Development Environment (Tools/Language)
- (1) **OS**: Window
- (2) IDE:

Eclipse IDE for Enterprise Java and Web Developers 2021-03

- (3) Jdk version 1.8
- (4) Tomcat Version 9
- (5) Oracle SQL Developer
- (6) Spring Framework 5.2.9
- (7) Language: java, javaScript, html, css, sql, etc.

- 1) Member registration, login, modification of member information, logout, withdrawal of membership
- (1) I used Ajax to implement the ID duplicate inspection function on the web page of membership join.
- (2) I used Daum's address search Api to enter the correct address.

(Note: https://postcode.map.daum.net/guide)

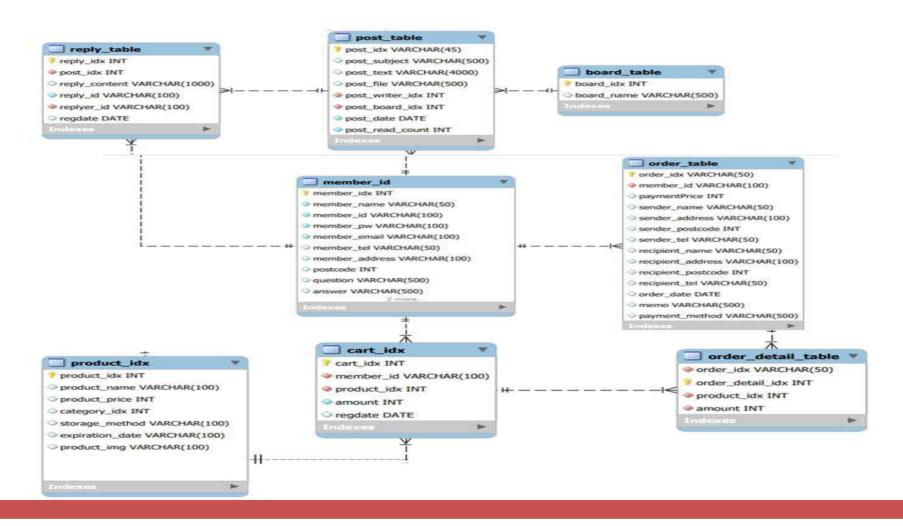
- 2) Shopping basket, Payment
- (1) Implementing the function of putting goods in my shopping basket using Ajax.
- (2) Changing quantity, deleting goods.
- (3) Payment after entering the information such as payment method, delivery location, etc.

- 3) Board
- (1) CRUD(Creat, Read, Upgrade, Delete) function
- (2) Commeting
- (3) Searching for posts
- (4) Uploading Pictures

- 4) Administrator ID: admin, password: 1111
- (1) Register, modify, or delete a product
- (2) Membership detail information can be searched in the Administrator's only page.
- (3) Order, payment, and delivery information can be checked.
- (4) Delivery Information can be modified according to the delivery situation.
- ex. preparing delivery, delivering, delivery completed

- (5) The Announcement board are available for administrator only.
- (6) The administrator can delete all posts.

3. Database ER Diagram



4. Final Consideration

1) Solo Project:

I could know the overall web site development process by participating in every step from design to development.

2) Inconvenient point:

Because I designed database with Oracle Sql Developer, it is impossible to make a web site with a URL address.

In the next project, I will refer to this and design the DB using My SQL, which has many convenient features.

4) I Implemented in XML style rather than in Spring Framework's

annotation style.

3) Maintenance is expected in the future because incomplete parts exist.

감사합니다. Thank you :)

ありがとうございます!