Hello everyone I’m here to talk about software that I made.

Let me start off by introducing myself first

my name is 정해경 .

I’m a junior and I’m majoring in software.

Before I start to talk about my software I want to tell you all why I choose this software.

It was a project given in the Open Source Specialized Project class. It was my first time to making a website and I spent a lot of time and effort. Also, it was a team project and I was a team leader. I could learn not only the knowledge related to the web but also the responsibility and I got many things so it’s the most memorable software for me. So this is why I chose this software.

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Now let me tell you all about my role.

As I mentioned earlier, I was a team leader. So, I coordinated team member’s opinions and I managed all of the documents and data. My main role in this project was to write a code and manage the model part. I'll explain more detail later on.

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The purpose of my software is to create a website for modern people who are interested in culture. At that time, all of my team members were interested in cultural life and wanted to develop a website that was easy to see information at a glance and anyone could participate in. So we developed it.

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In the next session, let’s take a look at how I designed and managed the project. I used the following open source for this class, which was aimed at using open source. GitHub was used to manage the project with my team members. In addition, I used Bootstrap to organize the screen and I managed the data using MYSQL. Also, I used tomcat which interprets and executes jsp.

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As you can see, the team member’s role was divided by Trello,

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And the functions were divided using Github.

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Also, Each member could write their requests and manage the project.

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This website was developed based on MVC and is divided into controller, model and view part. As I mentioned earlier, I was mainly in charge of writing a code and managing model part. Model plays a role to match requests when the controller calls and to connect databases and extract, save, delete data, and so on.

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The database design was largely divided into board table for post’s information, reservation table for user’s reservation information, reply table for user’s comment information and user table for user’s information.

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Now I will explain the functions of this project.

The first screen of this project is the login page. If the user doesn’t have an account, user can create an account through the sign up page.

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On the main screen of this website, user can see information about the recent posts and comments. And on the page where user can check the posts, user can not only check the entire posts but also check them by regions or types. If user want to search for the post, user can search and find it.

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User can check the details of the post and modify or delete it if user is the author of the post.However, if user is not the author of this post, user cannot delete and modify it.

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All users can write comments and check comments for each post. Also comments can only be modified and deleted by the author, such as posts.

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If the user wants to book this performance, user can make a reservation through the reservation button. Cancellation is also possible.

// User can check their posts, comments, and reservation information at a glance on Mypage.

// Next is the advantages and disadvantages of this project.

User can get information on all of the performances and fairs at a glance and it is easy to handle functions such as reservation, modification and deletion. Also anyone can easy to post and access posts.

However, there are many similar websites. So it needs ideas that are different and competitive from other websites.

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After completing this project, I realized the difficulties.

Because each member of my team developed it without framework, there were many problems in the process of combining code. So I wanted to develop this website again using a framework called Spring. I had a chance to go on an internship at that time, So I learned about Spring and re-developed it.

This project helped me learn a lot.

//i'd like to finish by thanking you all for your attention.