

Weekly Update

Group Name and Number:

IllegalGroupNameException.Group8

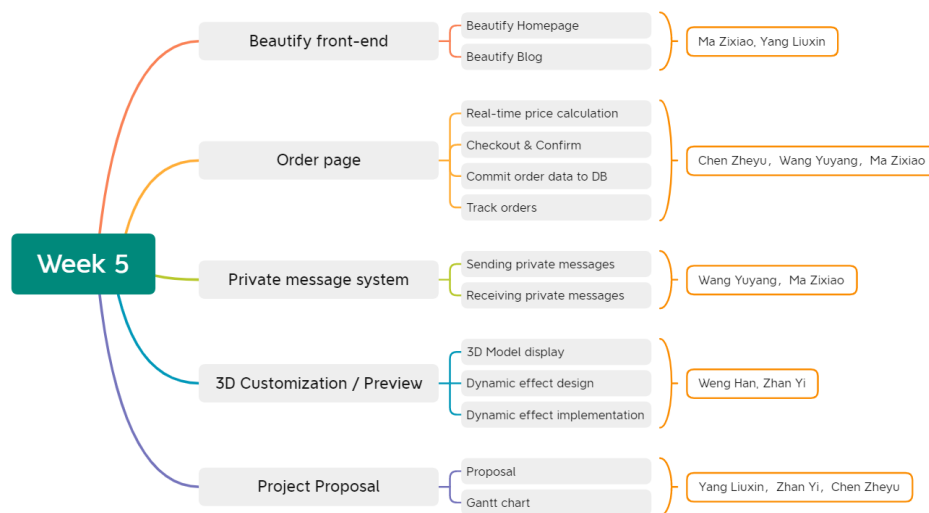
TA: Li Yunkai

We met with our TA for 45 mins, **in person**/on Zoom this week.

Item

What our group has done since our last meeting:

The following figure gives an overview of what our group has done the last week, which will be explained and presented in detail in the following sections.



1.

1. Group Meetings

This week, we had **two face-to-face meetings**, one with our TA when we reported our finished work done the last week and further discussed about our project work and proposal; the other was held to modify the project proposal together, **solve problems as a team**.

For the meeting with our TA - Li Yunkai, we showed him our present project and asked for the improvement advice. Moreover, he also gave us much valuable advice on how to improve our project proposal. The following figure shows our **meeting with TA - Li Yunkai** in the teaching building 4. Starting from our TA and rotate clockwise, they are Li Yunkai, Yang Liuxin, Zhan Yi, Weng Han, Chen Zheyu, Ma Zixiao and Wang Yuyang.



Our **own meeting** happened on the Saturday, lasting for **5 hours**. During this time, we revised our proposal, modified Gantt chart, and reported what we have done now. The following figure shows our meeting, with all team members attending.



2. Order

2.1 Make orders

2.2 Payment

This week our group fixes the bugs of orders making and payment functionalities. The following figure shows the presentation of improved order and payment features.

When the user clicks the checkout button, the user is taken to the payment page. Here, the user needs to fill in the delivery address, and select the payment method and shipping method. Finally, the user needs to determine the total amount and click to pay.

The screenshot displays a payment page with a top navigation bar containing a menu icon, 'CATEGORIES', a search bar with 'Search over 10,000 products', and icons for user profile, heart, and shopping cart. The main content area has a breadcrumb 'Home > Category > Page active' and a 'Sign In or Create an Account' link. The page is divided into three sections:

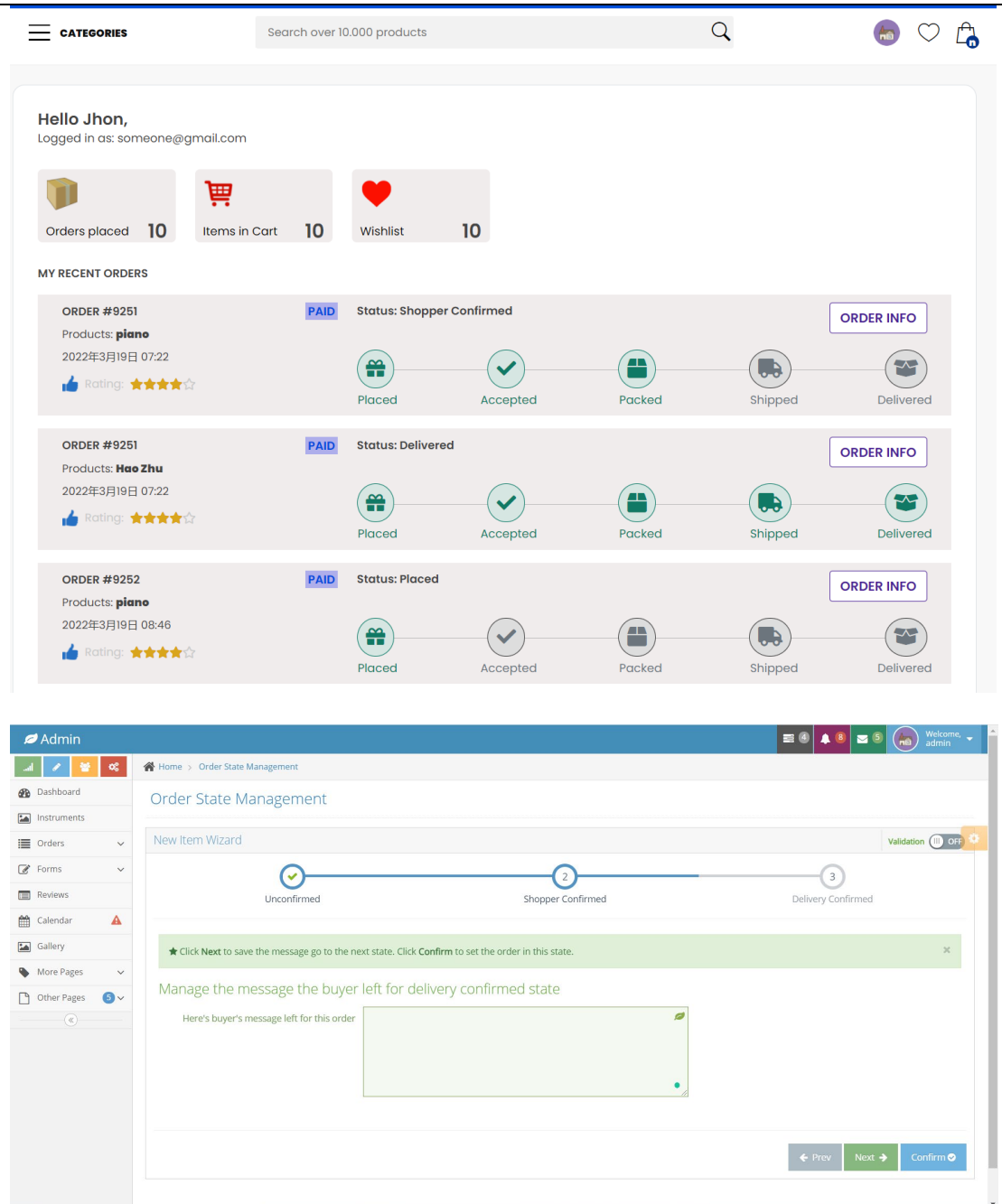
- 1. Billing address:** Includes input fields for Name, Last Name, Full Address, City, Postal code, Country (dropdown), and Telephone. There is a checkbox for 'Other billing address'.
- 2. Payment and Shipping:** Features radio buttons for payment methods: Credit Card (selected), Paypal, Cash on delivery, and Bank Transfer. Below this is a text area with placeholder text: 'Sensibus reformidans interpretaris sit ne, nec errem nostrum et, te nec meliore philosophia. At vix quidam periculis. Solet tritani ad pri, no iisque definitiones sea.' Underneath is the 'Shipping Method' section with radio buttons for Standard shipping (selected) and Express shipping.
- 3. Order Summary:** A table showing items: '2x piano' for \$2*2000.0 and '3x Hao Zhu' for \$3*500.0. It also shows 'Subtotal' as \$5500.0 and 'Shipping' as \$7.0. The 'TOTAL' is \$5507.0. Below the table is a checkbox for 'Register to the Newsletter' and a 'Confirm and Pay' button.

2.3 Establish related records in the database

After the above process is complete, we pass the order related information into the database. And display order details on both ends of users and seller.

2.4 Track orders both for seller and buyer

When the user submits the order, the merchant will receive a notification. We divide the top state into multiple states, such as packing, shipping, receiving, etc. After the merchant has packaged the product, the order information will be updated in the background, and the buyer will receive the updated product information at this time. Similarly, when the buyer confirms the receipt of the goods on the buyer's side, the order information on the merchant's side will also be updated. The following figure shows the presentation of our orders tracking functionality of buyers (fig 1) and sellers (fig 2). At present, we have not unified all the states of an order. There are currently 3 states on the merchant side and 5 on the user side. condition. In the follow-up development, we will continue to improve this detail.



3. 3D customization and preview

3.1 3D display

We will use 3D models to enrich the display information of some products. In addition to pictures, we also provide 3D models for users to watch in multiple dimensions. And use the buttons to rotate, enlarge, and reduce to increase the convenience for users to view 3D models.

CATEGORIES

Search over 10,000 products

Home > Category > Page active

Hao Zhu

★★★★★ 4 reviews

Description

Hao Zhu

COLOR

SIZE - Size Guide ?

Small (S)

QUANTITY

1

\$500.0

-83.33333333333333%

\$699.0

ADD TO CART

Add to Wishlist
 Add to Compare

As shown in the figure above, the three buttons in the lower left corner correspond to the enlargement, reduction, and selection of the model respectively. Click the "x" in the upper right corner to return to the display page of the picture.

3.2 3D customization

Compared to last week, we have further improved the 3D customization function. Considering the speed of loading 3D models, we introduced a progress bar to load 3D models. In our operation panel, on the right is the introduction to the 3D model, the price, as well as the customized palette, customized size, quantity, etc. Users can split each part of the model and customize different parts by color changing. In the picture below, the black piano is the most original style. Click the two buttons on the lower right foot of the model to disassemble and merge the model. The buttons on the lower left foot of the model can zoom in, zoom out, and select the model. When the user wants to click "start to save" button, we will let the user save a screenshot. At this time, the color change of the model is no longer supported, and the color palette row cannot be clicked.

CATEGORIES

Search over 10,000 products

Home / Men / Boule Fabric Blazer

Model3D Design

please just wait for a short time ...

MODEL DESIGN

Fotorama's dimensions are the dimensions of the first image. Other pictures are scaled proportionally to fit. To reserve the space on the page before the first image is loaded, use data-width and data-height:

Now raw model | Guitar - 1

Price: \$ 69.90

PART COLORS

SIZES*

- Please select -


NUMBER*

1

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[Home](#) / [Men](#) / [Bubble Fabric Blazer](#)

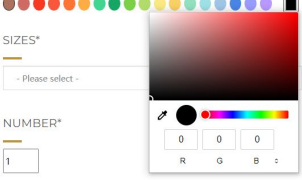


MODEL DESIGN

Fotorama's dimensions are the dimensions of the first image. Other pictures are scaled proportionally to fit. To reserve the space on the page before the first image is loaded, use data-width and data-height:

Now raw model | Guitar - 1
Price: \$ 69.90

PART COLORS



SIZES*

- Please select -

NUMBER*

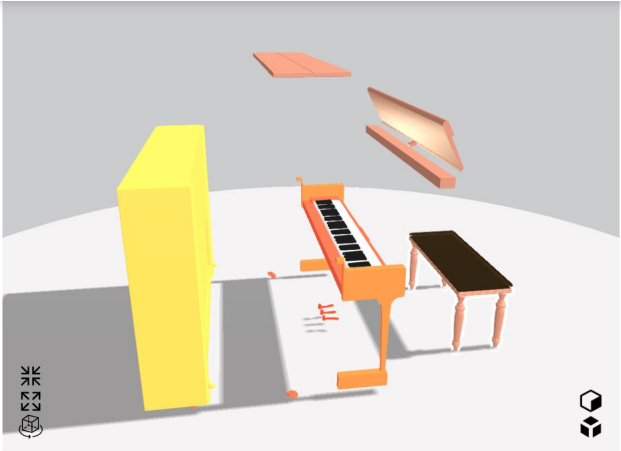
1

0 0 0

R G B

[ADD TO CART](#)

[CATEGORIES](#)
Search over 10,000 products

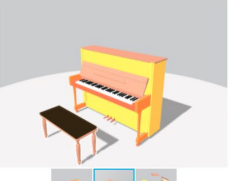


MODEL DESIGN

Fotorama's dimensions are the dimensions of the first image. Other pictures are scaled proportionally to fit. To reserve the space on the page before the first image is loaded, use data-width and data-height:

Now raw model | Guitar - 1
Price: \$ 69.90

PART COLORS



RETURN DESIGN

CHECK OUT

4. Private messages system

This week we allow users to send and receive instant messages to other users and sellers. This contributes to better communication between different users and staff. This week we finished the back-end work of instant messages system with the initial version of front-end presentation. We will improve it front-end the next week to make it more visually ascetic.

5. Project proposal

Zhan Yi and Yang Liuxin co-wrote the proposal draft. During the meeting, other team members revised the proposal together. To be specific, we corrected some logical misunderstanding to make it more fluent. Moreover, we integrated some common information to make its form much neater. For the Gantt chart, Chen Zheyu updated it after our re-consideration. The changes of our Gantt chart are the addition of instruments recommendation and recognition using Machine Learning (ML).

6. Beautify the front-end

This week we beautified the blog and homepage page using the new templates. But we are still continuing updating the new pages to our existing project.

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2.	Contributions of each team member since our last meeting (show overall % contribution):		
	Name	Contribution	Work Done
	Wang Yuyang	16.67%	1. Order page real-time price calculation 2. Send/Receive private messages
	Yang Liuxin	16.67%	1. Beautify Homepage 2. Proposal writing
	Zhan Yi	16.67%	1. 3D Dynamic effect design 2. Proposal writing
	Weng Han	16.67%	1. 3D Model display 2. 3D Dynamic effect implementation
	Ma Zixiao	16.67%	1. Beautify Blog 2. Track orders
	Chen Zheyu	16.67%	1. Checkout & Confirm 2. Commit order data to DB 3. Gantt chart modification
3.	<p>We have the following questions and/or issues that we would like to discuss:</p> <p>1. In order tracking, we need to coordinate the different order statuses of merchants and clients. At present, there are three main states: packaged, in transit, and the user confirms receipt. In addition, after the user places an order, the user needs to be in a waiting state before the merchant's packaging is completed, and before the user confirms the receipt of the goods, the merchant also needs to be in a state of waiting for the user to confirm the receipt of the goods. The details of these shopping, we will unify and coordinate next week.</p> <p>2. In 3D customization, when the user chooses to start saving, a small screenshot window will pop up, where the user can rotate the model in 3D and select the angle they like to save the screenshot. Once the screenshot is started, the model is not allowed to be customized anymore, if the user wants to re-customize, then the screenshot he took will be lost. We considered adding a prompt here to prevent users from accidentally touching it. In addition, we are currently considering whether to include an explanatory note on the 3D custom model, telling the user what each button does, and how to use it. These user-friendly details may be areas that we need to improve later.</p> <p>3. Considering that we need to deliver our mid-term products to users in the eighth week, we are currently beautifying and unifying our pages, and will crawl some pictures and introductions of musical instruments on the Internet to better display our website to users .</p>		

4.	<p>What we plan to do before the next meeting:</p> <ol style="list-style-type: none">1. Beautify the front-end of instant messages system.2. Beautify the front-end of shopping cart.3. Allow instant messages system to transfer images.4. Email notification about orders.5. Company profile.
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