

# Weekly Update

Group Name and Number: Group 8  
IllegalGroupNameException

TA: Li Yunkai

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

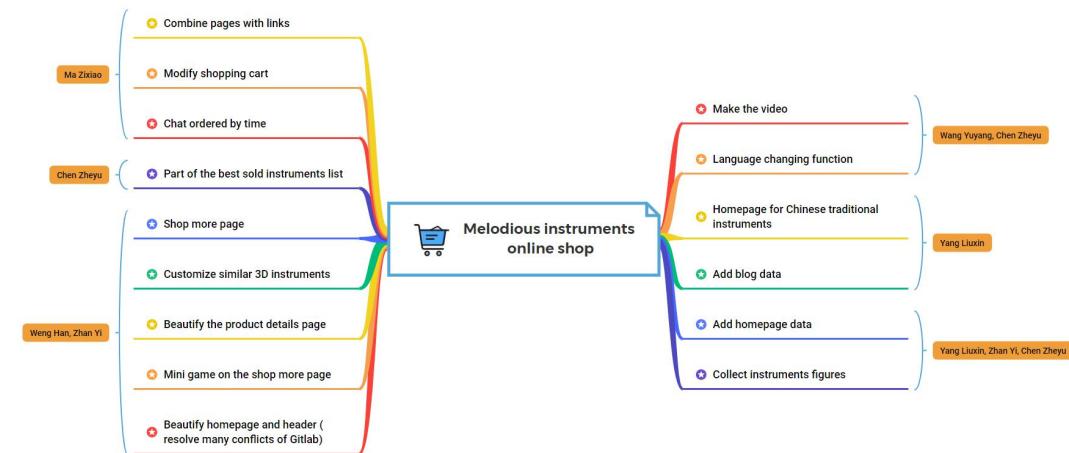
## Item

What our group has done since our last meeting:

### 1. Group meeting

This week we had three team meetings in total. One is with our TA, Liyunkai. The other two meetings are held within our group.

The following figure gives an overview of what we have done this week.



1.

During the **meeting with the TA**, we reported what we had done right now to identify where we are now clear. Moreover, we asked for some advice from our TA about the mid-term video. He gave us precious suggestions about presenting better in the mid-term video.

During the meeting ourselves, we mainly focused on preparing a mid-term video. The following figures show our developing the project and resolve problems as a team.



## 2. Chinese homepage

We create a new page to instrument Chinese instruments and its culture, you can see that there are many kinds of instruments from different ethnic groups in China, such as pipa, guzheng, dizi, erhu... Looking through this page, you will see much introduction about these.



| About us

### Chinese Instruments Shop Now

The project displays Chinese and Western musical instruments in the separate zone to attract potential customers from different cultural backgrounds. The following figures shows the shopping zone specially designed to promote Chinese instruments.

Music is a language, and the more "words" you learn the more you will be able to say. You will soon find yourself wanting to apply the information you've learned to create music of your own and express your own voice. Music is not just about knowing how to play specific songs, it is about expressing emotion through sound. Whether it is just playing your own version of a song, or creating an entirely new one, learning how to play an instrument enables you to use your creativity to say something original.

[SHOP NOW](#)

| Amazing Instruments

Choose The Chinese Instruments  
Just Extend Your Music Style



Pipa



Lusheng



Fengling



Drum

[VIEW ALL](#)

**700+ Instruments**  
The Chinese philosopher Confucius said long ago that "Music produces a kind of pleasure which human nature cannot do without." Playing a musical instrument has many benefits and can bring joy to you and to everyone around you.

**BEST PRICE GUARANTEE**  
You don't have to become a virtuoso to reap the benefits of music. You will develop a taste for the different composers, styles, and genres of music. Not only does this cause you to be more well-versed in music, but it also leads to a higher appreciation of the skill.

**TOP NOTCH SUPPORT**  
Once you learn how to effectively play an instrument, not only do you have the ability to share your gift with family and friends, you can bless those at nursing homes, church, banquets and more. You might even get paid for your work!

| Chinese instrument in International

## Trending, Best Selling Instruments And Amazing Musics

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MATOUQIN

(Mongolian) A two-stringed stringed musical instrument.

It has a trapezoidal body and a horse-head-shaped handle



REBAGU

(Tibetan) A percussion instrument in dancing

Women hold a drum in her right hand and a handle in her left hand, changing movements b...



LISHIDAGU

(Han) Holiday celebration drum, used to strengthen the military momentum

The tympanic membrane is about 1000m in diameter and is struck by one or two people...

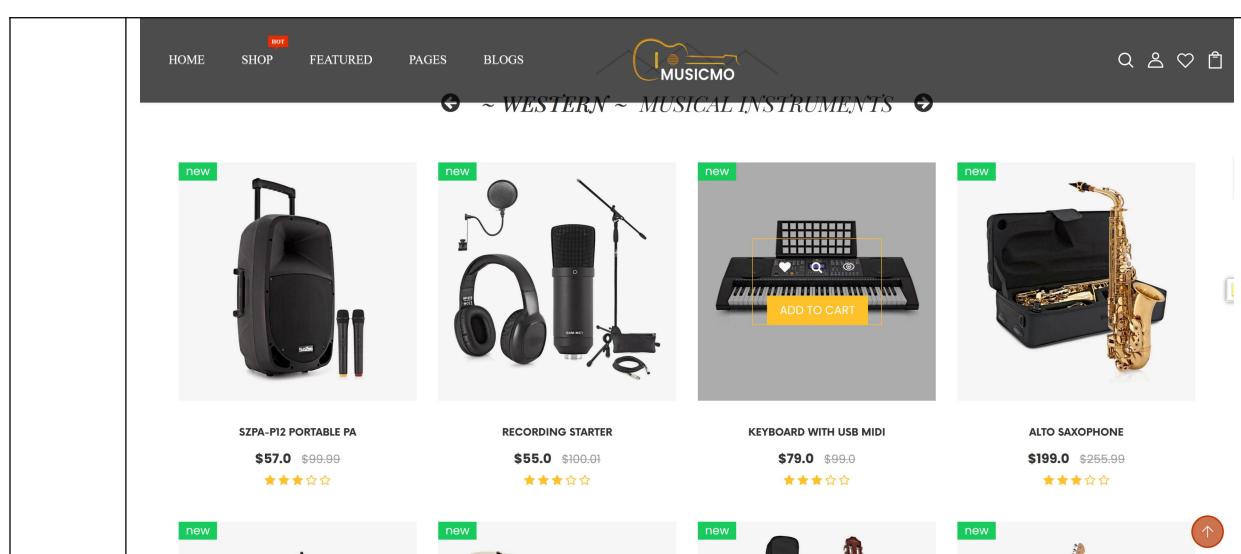
### 3. Mini instruments game

#### 1. First game: piano instruments playing

We use these mini games for customers to inspire them to buy musical instruments

**2. Second game: guitar instruments playing**

**4. Replace new beautify header**



## 5. Beautify the product details page

录音起动器  
\$100.04 \$55.0  
★★★★★ 没有评论

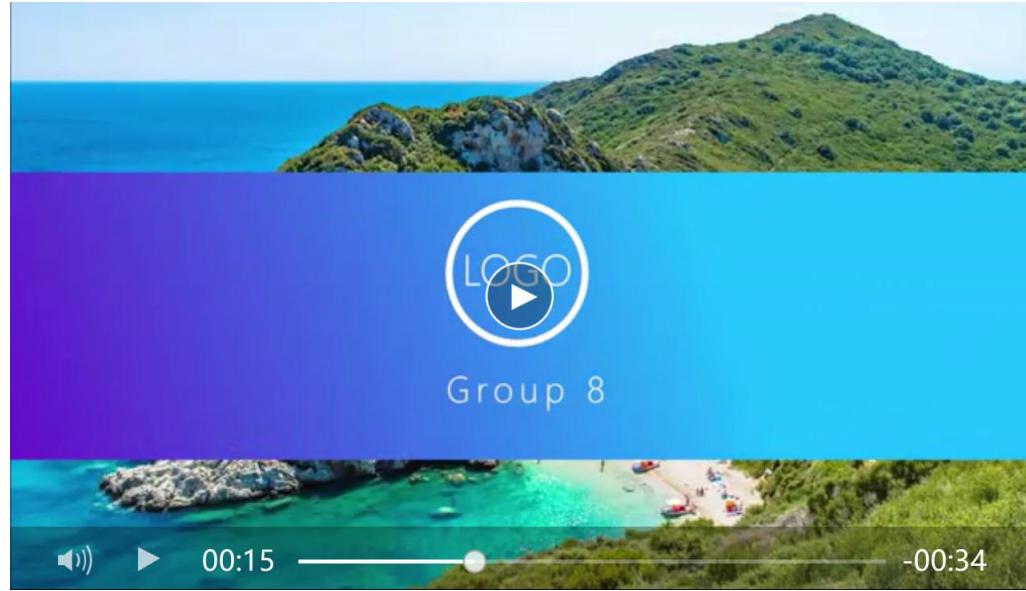
instrument.details

Categories : 主页, 热价

退货商品  
Return this product within 100 days if you change your mind. Get a refund/replacement & free return shipping if it arrives damaged or not as described

航运  
Free if stated near price. \$9.95 Australia wide (up to 10 items). \$18.95 for Express Post (generally 1 business day).

## 6. Make the mid-term video



## 7. Add blog data

Our blog is the entrance for the musical lover to communicate and share their own experience. Here, you can see that there are Chinese instrument and western instruments which are in different cultures.



10  
四月

By admin

**Exotic Instruments**



10  
四月

By user1

**Play Chinese Instruments Now!**



10  
四月

By user2

**Artist Drum**



10  
四月

By user3

**Can I teach myself to play guitar?**



10  
四月

By user1

**Learn how to play basic guitar chords**



10  
四月

By user1

**LEARN BASIC GUITAR STRUMMING**

## 8. Language changing function

This is a pretty tricky function to implement. Firstly, our group discussed what technology can we use to translate language between Chinese and English. We had two opinions about the possible approach.

The first possible approach is easy to implement but very laborious to finish, including the manual translation for each page. Due to its difficulty and repetitive work, we discarded this approach.

Then we returned to another approach; we utilized the Baidu translation API to translate the whole project. However, in this approach, we also met several problems. For example, we need to identify all tags, and the translation does not have excellent performance. Later we will try to find other ways to improve that. However, now we do have a functional language changing function!

## Change language

Select the language

英语 (en)

英语 (en)

俄语 (ru)

简体中文 (zh-Hans)

法语 (fr)

西班牙的 (es)

## 9. Customize similar 3D instruments

The screenshot shows a website interface for a music store. At the top, there's a navigation bar with links for HOME, SHOP (which is currently selected and highlighted in red), FEATURED, PAGES, and BLOGS. To the right of the navigation is a search bar and a user profile icon. Below the navigation is a logo for "MUSICMO" with a stylized guitar icon. A banner below the logo says "UPSELL PRODUCTS". The main content area displays a grid of four instrument models. The first two are guitars, and the last two are a piano. Each model is shown from a slightly elevated angle. The first guitar is labeled "Smart TV Ultra HD 40 Inch - 40JU6600" and costs \$ 650.99. The second guitar is labeled "Smart TV Ultra HD 40 Inch - 40JU6600" and costs \$ 650.99. The third guitar is labeled "Smart TV Ultra HD 40 Inch - 40JU6600" and costs \$ 650.99. The fourth piano is labeled "Smart TV Ultra HD 40 Inch - 40JU6600" and costs \$ 650.99. Each item also has a small "HOT" badge in the top right corner.

## 10. Beautify the shop more page

Users can shrink or enlarge the side bar and change the number of displayed instruments per row.

This screenshot shows a "shop more" page with a grid of three drum sets. Each drum set is shown from a front-three-quarter perspective. The first drum set is labeled "Smart TV Ultra HD 40 Inch - 40JU6600" and costs \$ 650.99. The second drum set is labeled "Smart TV Ultra HD 40 Inch - 40JU6600" and costs \$ 650.99. The third drum set is labeled "Smart TV Ultra HD 40 Inch - 40JU6600" and costs \$ 650.99. Each item has a small "HOT" badge in the top right corner. Above the grid, there's a "FILTER" button and a set of numbered buttons (2, 3, 4, 5, 6) for changing the number of items per row. To the right of the grid, there's a "Featured" dropdown menu.

2 3 4 5 6 grid icon
Featured ▾

-16%

-16%

Also, user can use the filter function to select their favourite instruments

grid icon Featured ▾

Categories

- Guitar Accessory
- Portable Keyboards
- Digital Upright Pianos
- Electric Double Basses
- Guitar Amp Heads

Color Option

● ● ● ● ● ●

Price Filter

\$50-\$100

-16%

BDK-1 Full Size Starter Drum  
\$199.00 \$235.00

2.

Contributions of each team member since our last meeting (show overall % contribution):

Name	Contribution	Work Done
Wang Yuyang	16.67%	1. Combine pages with links 2. Make the video 3. Language changing function
Yang Liuxin	16.67%	1. Homepage for Chinese traditional instruments 2. Add blog data 3. Add homepage data
Zhan Yi	16.67%	1. Shop more page 2. Collect instruments figures 3. Beautify the product details page
Weng Han	16.67%	1. Customize similar 3D instruments 2. Beautify homepage and header (resolve many conflicts of Gitlab) 3. Mini game on the shop more page
Ma Zixiao	16.67%	1. Combine pages with links 2. Modify shopping cart 3. Chat ordered by time
Chen Zheyu	16.67%	1. Part of the best sold instruments list 2. Add homepage data

		3. Language changing function
3.	<p>We have the following questions and/or issues that we would like to discuss:</p> <p>At present, our group has completed all the essential functions in the problem statement. In order to better display our page in the eighth week, our main task this week is to improve the front end, such as replacing our logo and header. Additionally, we changed our homepage, product details, search pages, and more. Because of the massive amount of engineering, we faced many CSS conflicts, and some pages could not be adapted to the page, so we needed to spend much time adjusting.</p> <p>On top of that, another feature that we are doing this week is translation. In the beginning, we wanted to do manual translation in the database, but this is a tremendous amount of work. Every time we modify a page or add a product, we need to re-translate the text. Later, we abandoned this idea and used Baidu API to add tags before the text of our page so that we could directly use the methods provided in the API for translation. Using this method, we can translate into Chinese and into any other language. However, one problem is that the accuracy of this method is not high, and some translations cannot fit the vocabulary habits of native speakers. We consider switching to other translation APIs later, such as Google or Microsoft.</p> <p>This week's main issue was the video clip issue for the eighth week. Since we can only record for 4 minutes, we have a lot of features to show. In addition to the functions in the problem statement, we also have 3D customization, Chinese and Western areas, mini-games, blogs and other specific functions that are exclusive to us. So our group is now discussing how to use these 4 minutes reasonably to make our video presentation more organized.</p>	
4.	<p>What we plan to do before the next meeting:</p> <ol style="list-style-type: none"> <li>1. Adjust the front end so that each page can be adaptive and suitable for viewing on different devices.</li> <li>2. Test the existing functions that need to be delivered to ensure a good user experience.</li> <li>3. Clip the video for week 8</li> </ol>	

