

UI Design Document

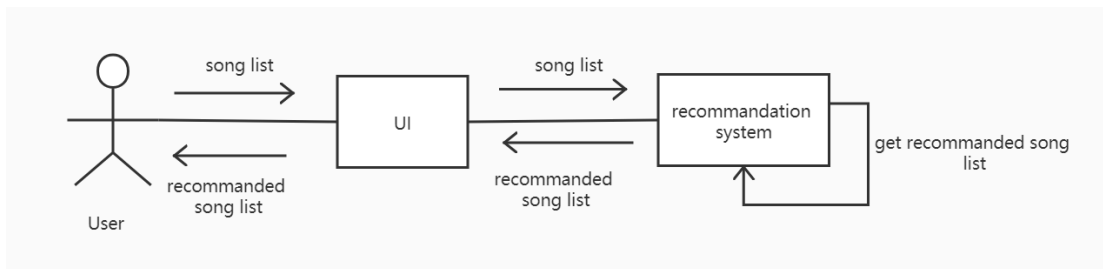
1.Introduction

The purpose of the interface design is to provide users with a simple interface for operation and human-computer interaction, which integrates various functions, including song registration and login, hottest song list list, song list recommendation, music playing, personal log sharing and so on. Through detailed design, the interface given by algorithm module and database module is integrated to realize corresponding functions in the front end.

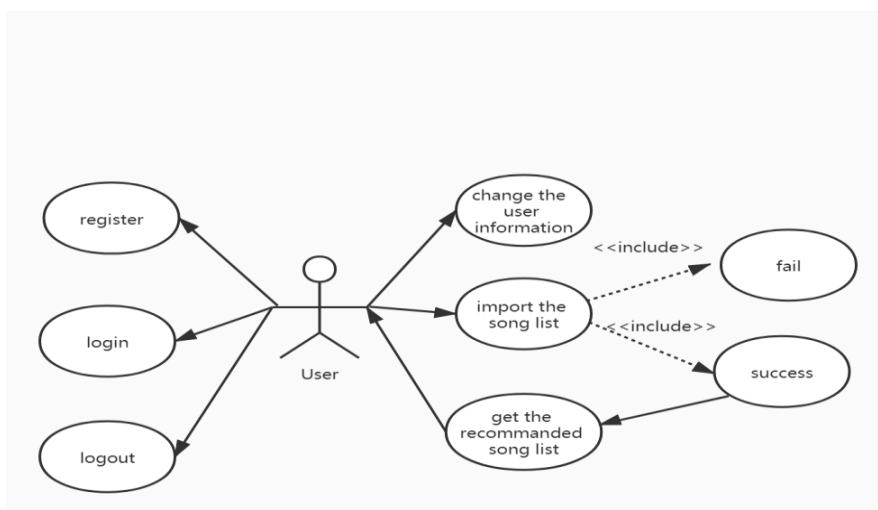
2. The UI design

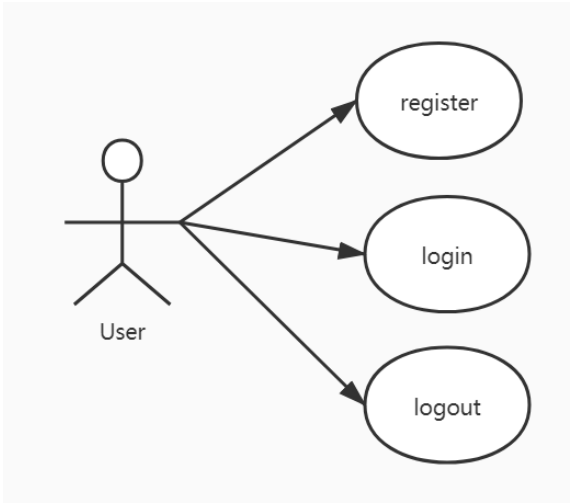
2.1 introduction

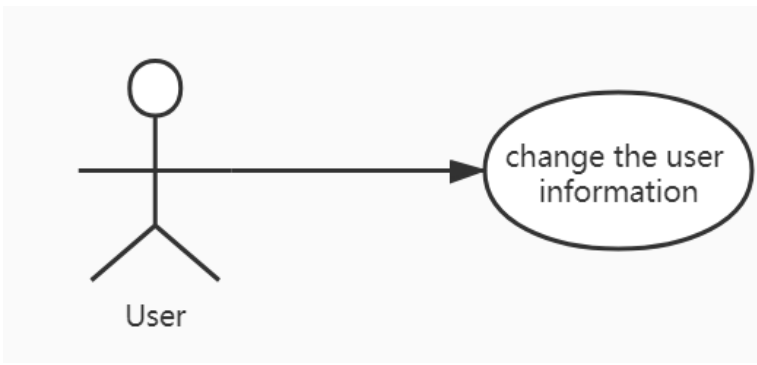
User interface is the most important part of a recommendation system. It is a platform for users to interact with the system. Users can register, log in and log out through it, import the song list and display the recommended song list. The user interface accepts the user's imported song list, sends it to the recommendation system, accepts and displays the recommended song list from the recommendation system. In addition to basic functions, the interface should be beautiful and increase user experience.



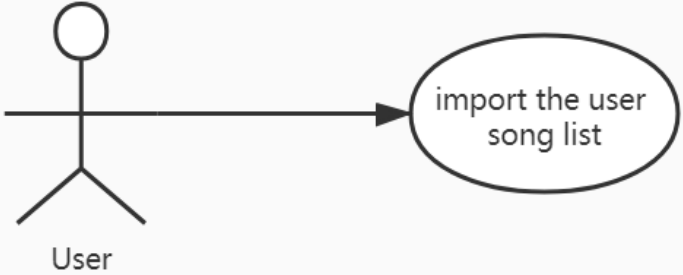
2.2 UML Use case diagram

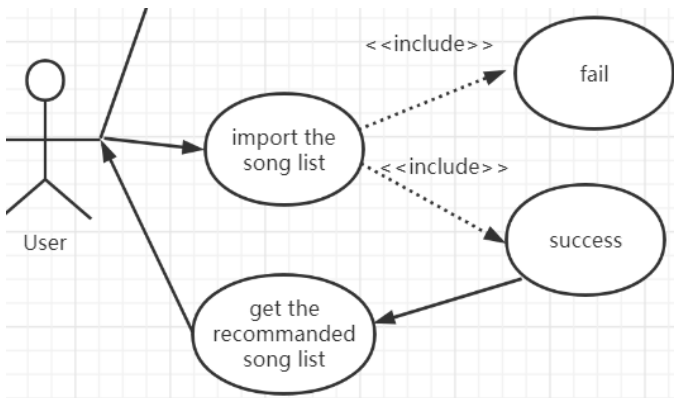


Use Case	Case1: login ,logout,register
goal	User can login ,logout and register the system form the UI
detail	Users can click the registration, login and logout buttons on the user interface to perform these operations. The premise of login and logout is to register an account.
actor	User
diagram	 <pre> graph LR User((User)) --> register((register)) User --> login((login)) User --> logout((logout)) </pre>

Use Case	Case2: Users change account information
goal	The user can change the account information. For example, they want to change the password
detail	Users click the settings button on the user interface to change their personal information
actor	User
diagram	 <pre> graph LR User((User)) --> change((change the user information)) </pre>

Use Case	Case3: user importing song list data
goal	Users can import their own collection of songs and listen to songs

detail	The user can click the phase import record button on the user interface to import data
actor	User
diagram	 <pre> graph LR User((User)) --> UC1(import the user song list) </pre>

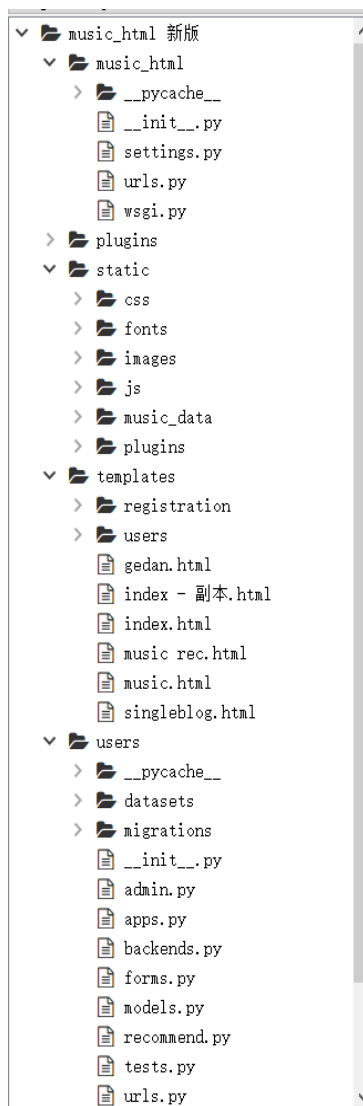
Use Case	Case4: users get recommended song list
goal	Users can get their own song list data according to their own preferences
detail	After sending a query request, users can see their recommended songs on the user interface. The precondition is that they must import their own relevant data, such as collecting songs and listening records
actor	User
diagram	 <pre> graph LR User((User)) --> UC1(import the song list) UC1 -.-> <<include>> UC2(fail) UC1 -.-> <<include>> UC3(success) UC3 --> UC4(get the recommended song list) </pre>

Views 中的函数：

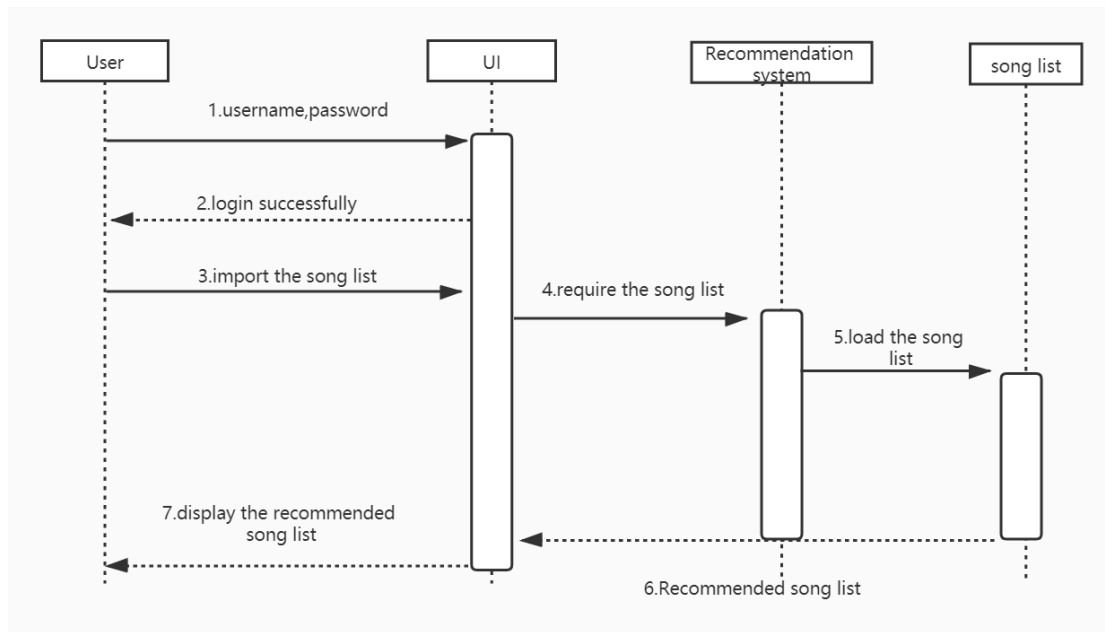
	Description	Input	Expected output

1. register(request)	Register in the system	Username, password , email , (repeat) password	{'success': True, 'error': ''}
2. index(re quest)	To get into the index html	Username, password	{'success': True, 'error': ''}
3. recommend(re quest)	To recommen d a music list	A list of music	A list of music

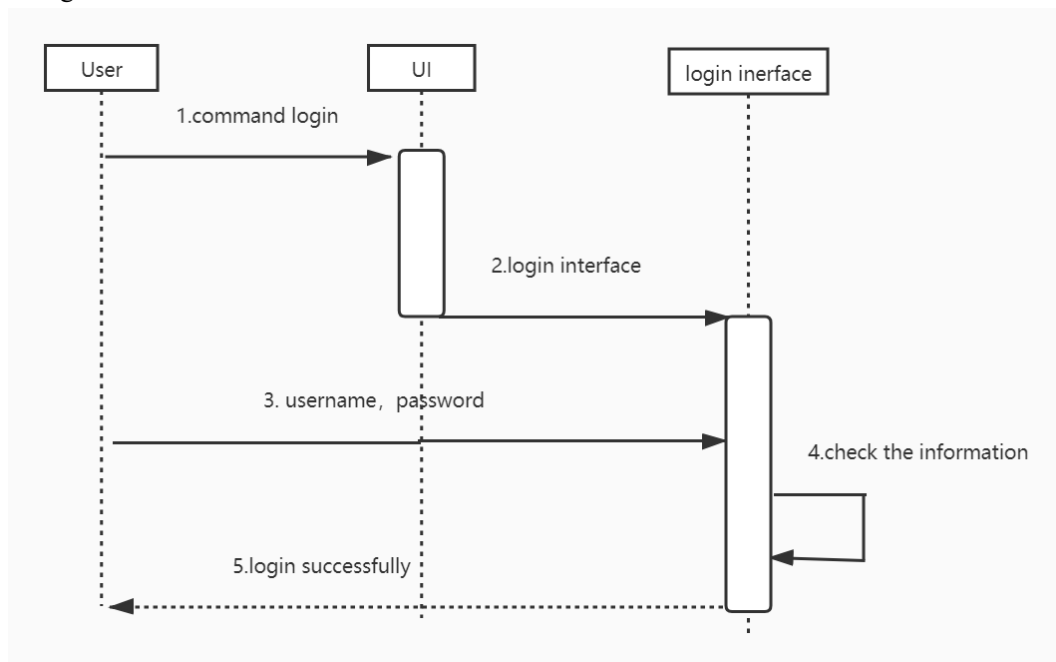
The frame of Django



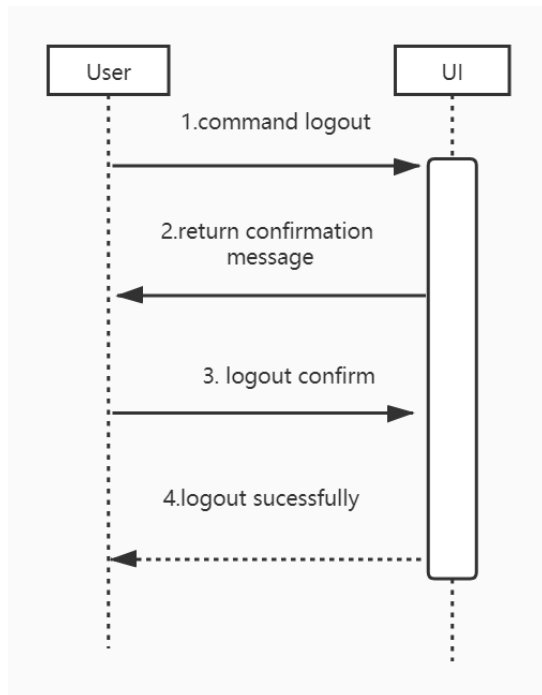
2.3 UML sequence diagram



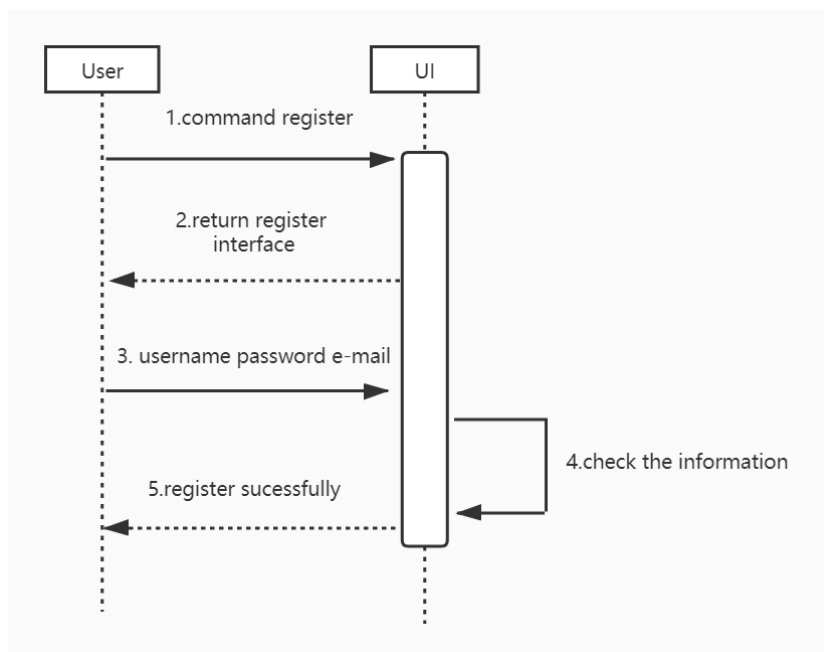
1.Login



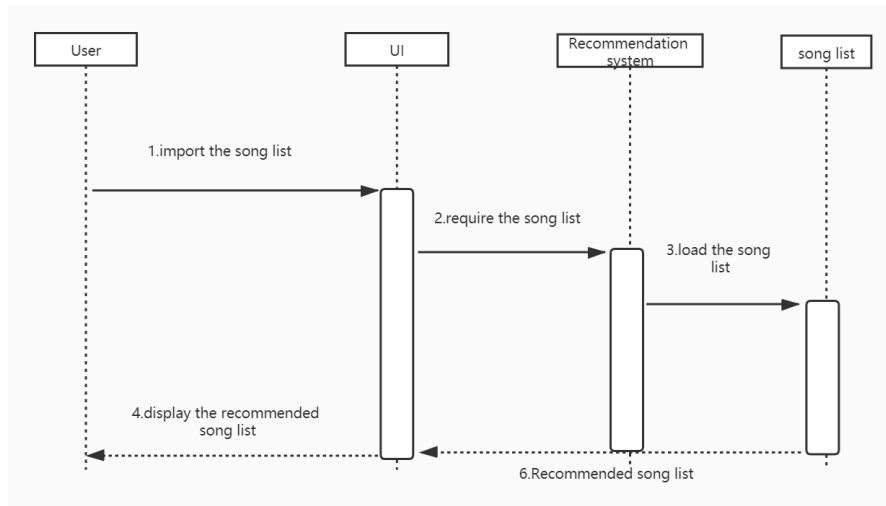
2.Logout



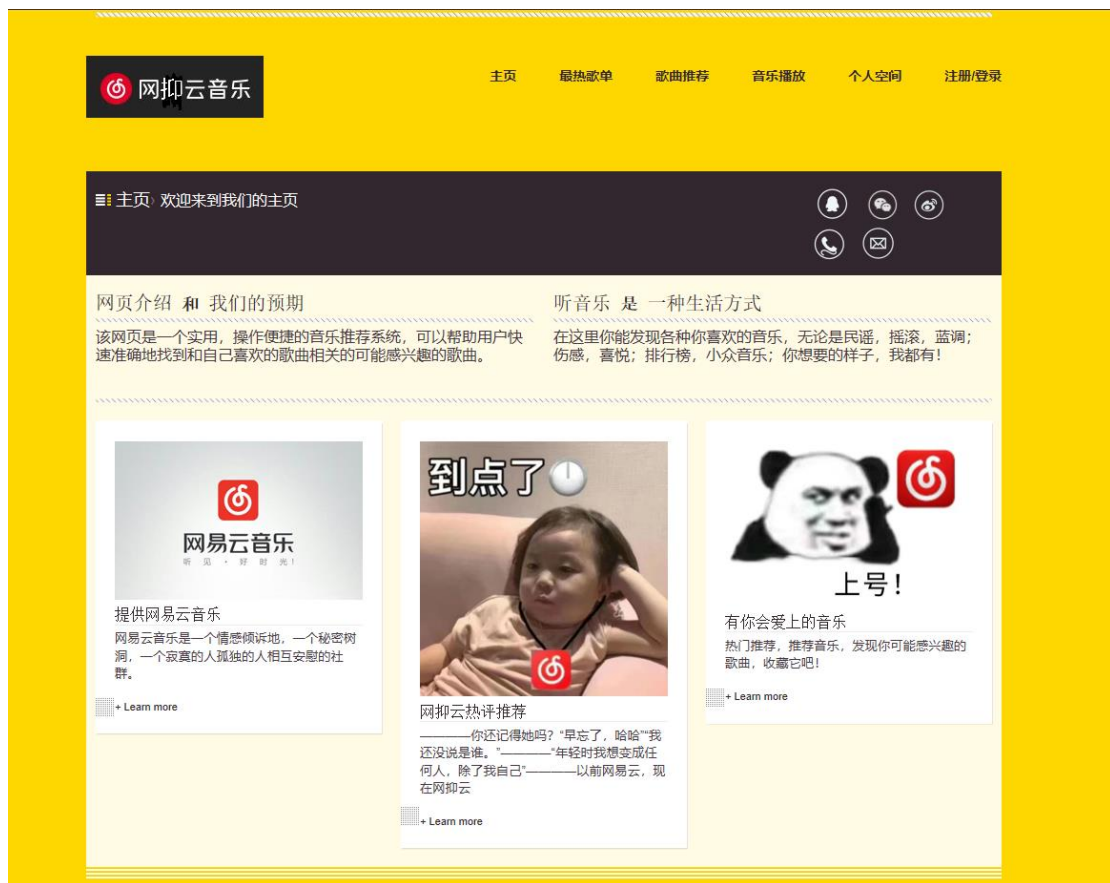
3.Register



4.import the song list and display the song list

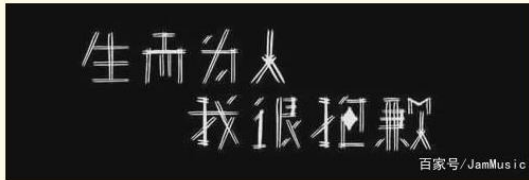


Basic interface display:





《关于我十二点听网抑云那些事》



日期: 2020.09.25 | 发布自黄豆 | 在iphone12 | 1956条评论

不知从何时起，本来好好的一款听歌APP“网易云”因评论里抑郁症的人太多了，变成了网友们表达抑郁情感的“网抑云”。都说人类的悲欢并不相通，但在网抑云，任何关于考试落榜、失恋、抑郁症的“丧文化”都是最大的母话题。在这里，大家都经历了不能忍受之痛，人人都是文笔了得的大文豪。十个评论九个抑郁症，好像没有一点悲伤的故事，你都不好意思说自己是网抑云用户。天堂地狱的“神权论”者。思考生死的“通透者”。



博客导航

往期博客

博客-活动项目

最新动态

40% 优惠 >> 电影票

长春万达——《信条》正在
限时出售4折电影票