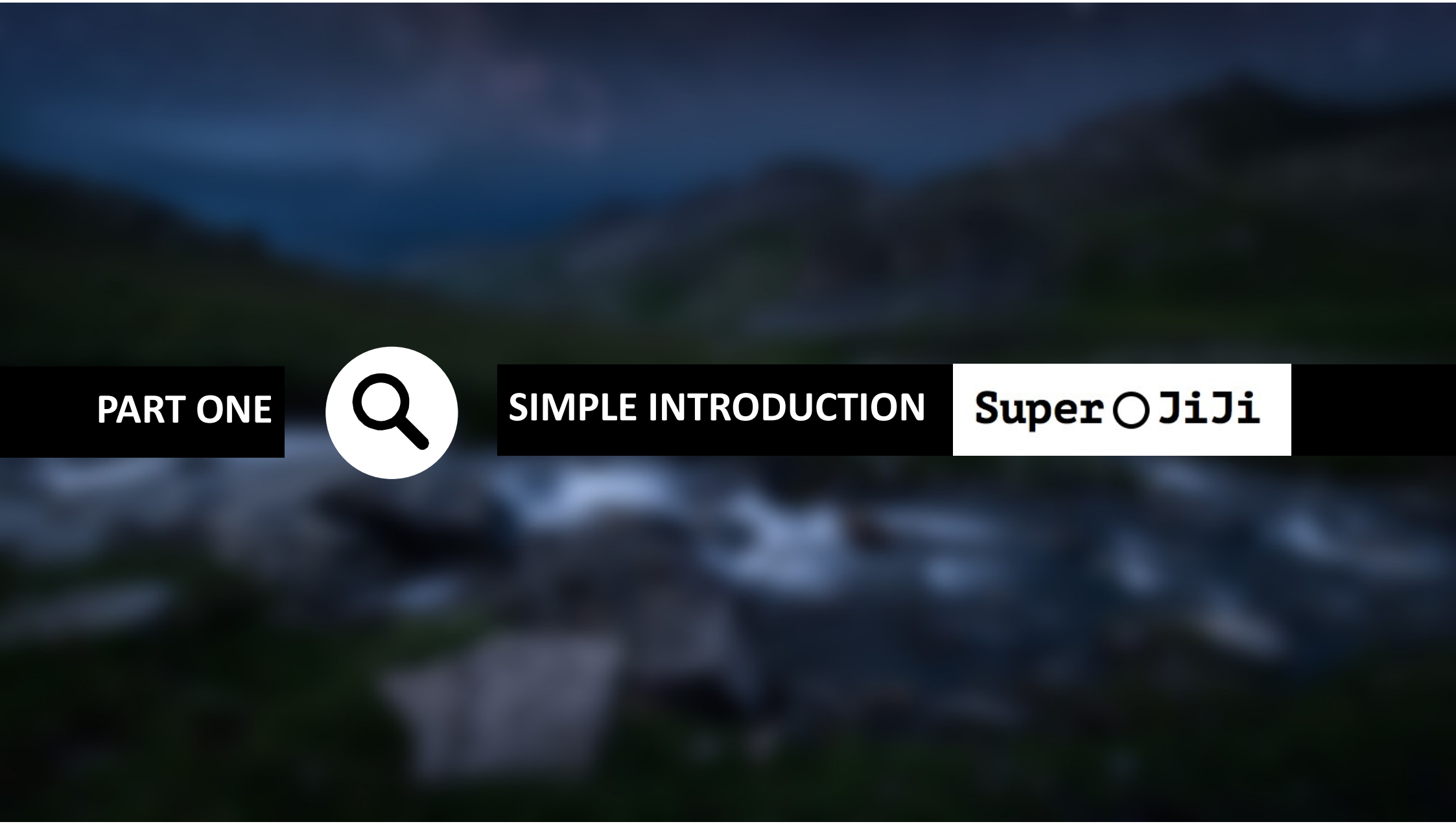
WELCOME TO SUPER-JIJI

PRESENTED BY GRPUP O

A VERY VERY VERY VERY EXCELLENT WEBSITE


PART ONE
SIMPLE INTRODUCTION
SuperOJiJi

Super○JiJi

PART ONE

USER

VIDEO

IMAGES

LIKE/
DISLIKE

COMMENTS

DOWNLOAD
/UPLOAD

SEARCH

MUSIC

#REAL#
MULTIMEDIA

This is a project with powerful function.

We made it to realize multimedia functional requirements.

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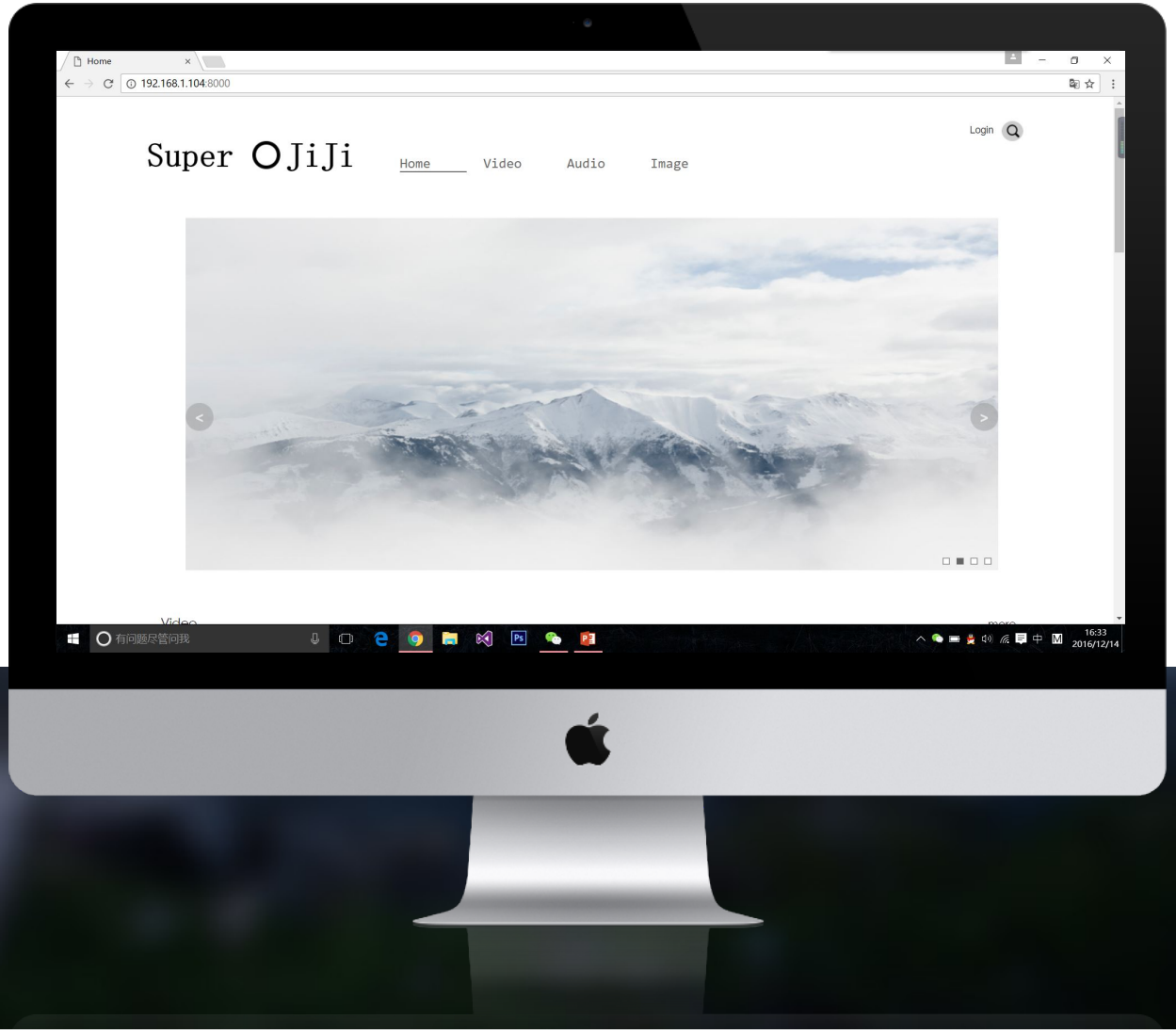
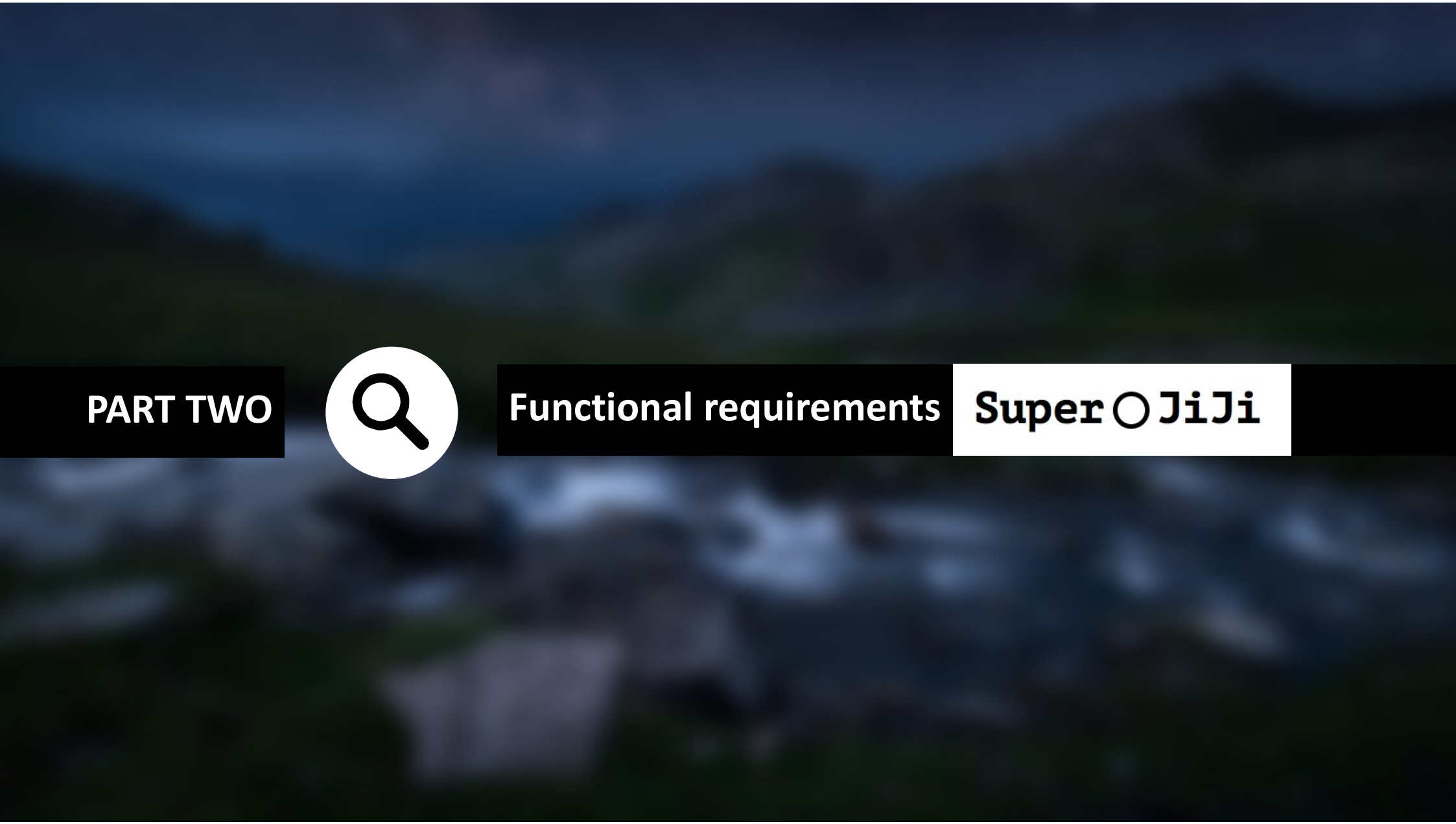
PART ONE

HOME PAGE

THE WHOLE VIEW




PART TWO
Functional requirements
SuperOJiJi

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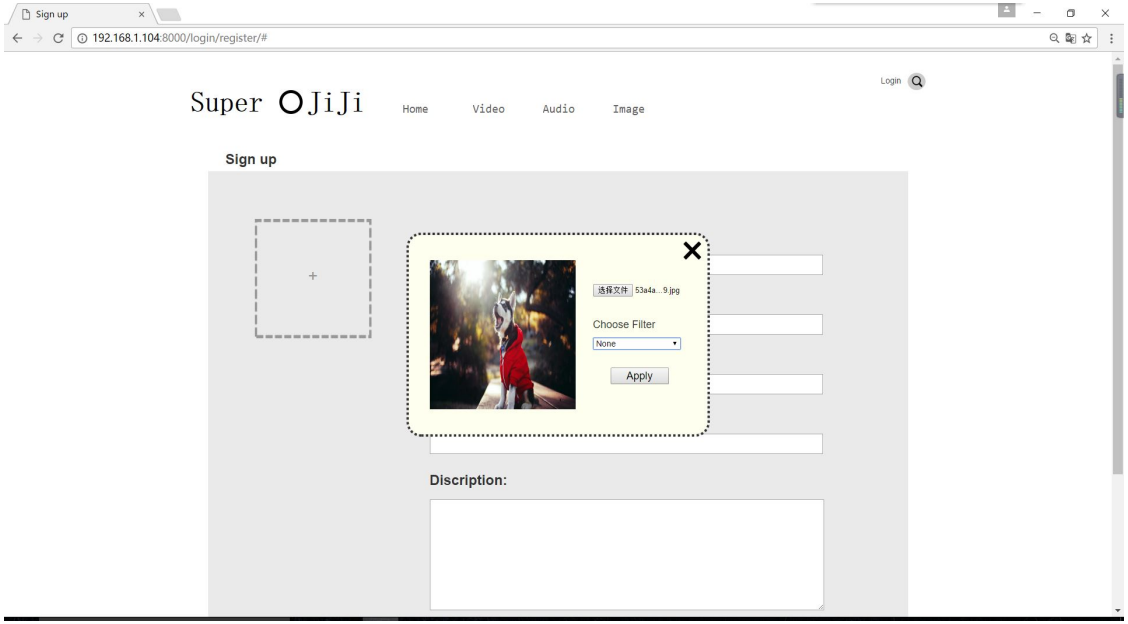
PART TWO

SIGN UP-1

#PASSWORD METHOD/

This is a traditional yet efficient way to sign up
In this page, you need to fill the sheet of basic information, and you can choose your HeadPic from local files.
The picture you choose from the file can be decorated by several available filters.



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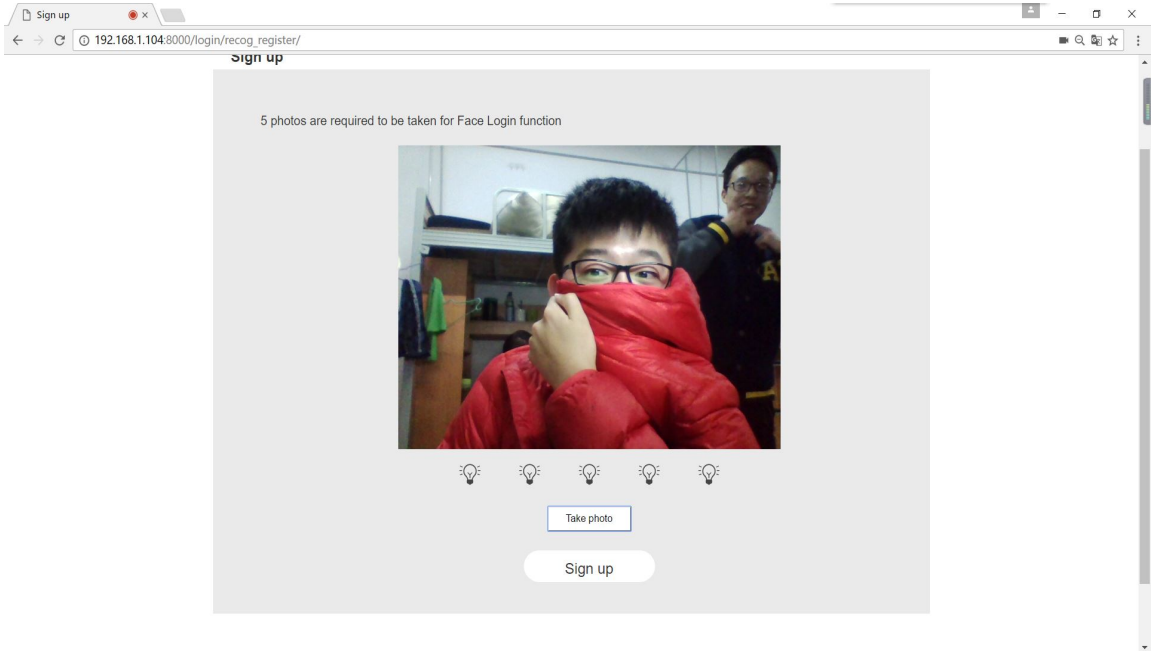
PART TWO

SIGN UP-2

#FACE RECOGNITION/

In this page, you can take 5 pics of yourself and the pics will be used for facial recognition next time you log in.



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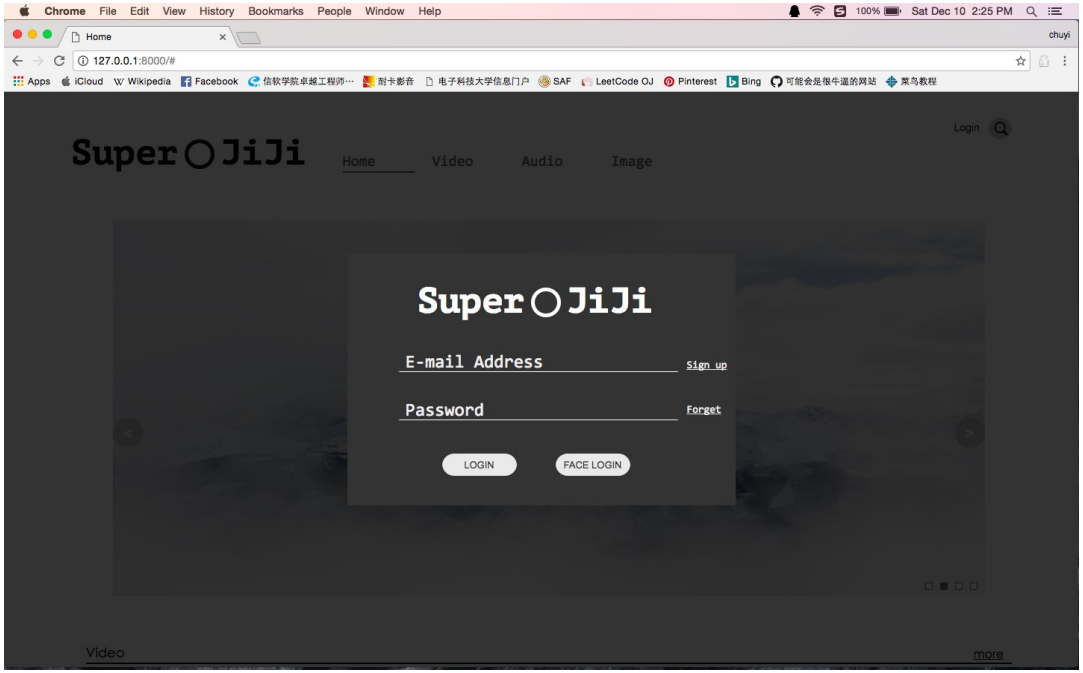
PART TWO

LOGIN-1

#PASSWORD METHOD/

This is the page of login.
This page is translucent against the home page,
with our super cute logo on it.
Simple but fashionable.



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PART TWO

LOGIN-2

#FACE RECOGNITION/

Pls. omit this guy in red.
If you want to login with face recognition, you will enter into this page.
You will be asked to put your handsome face in the environment of enough light, and then click the button of “capture”, then you will enter into our homepage.

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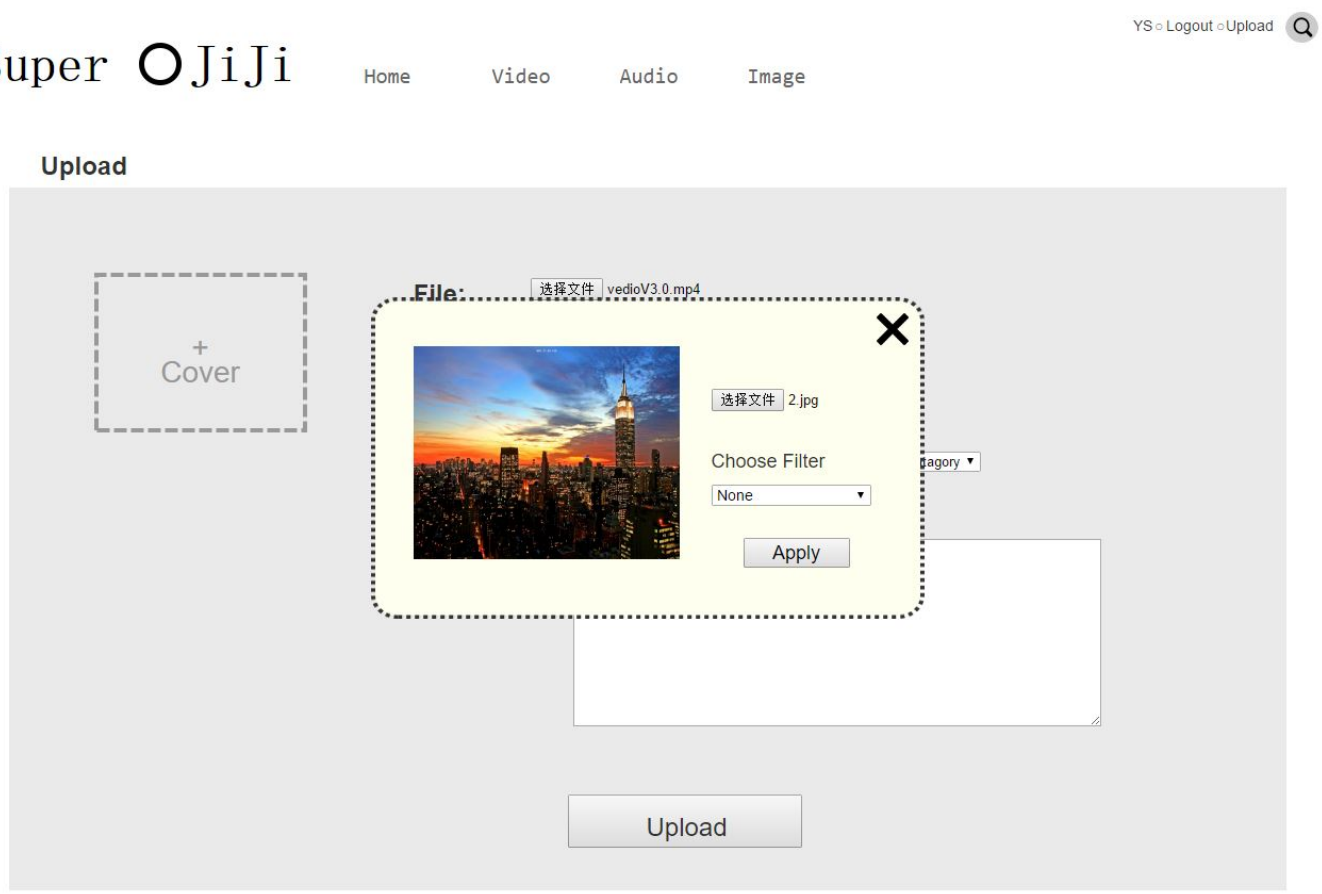
PART TWO

VIDEO

#UPLOAD WITH COVER/

U are able to upload your favorite video to our website. We support many formats such as mp4 and wmv.
You can also choose the cover of your video by uploading pics from local files. Also, you can decorate your cover by using different filters.



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PART TWO

VIDEO

#DISPLAY/

This is what the screen will show when you open the video.
We support different formats of videos.

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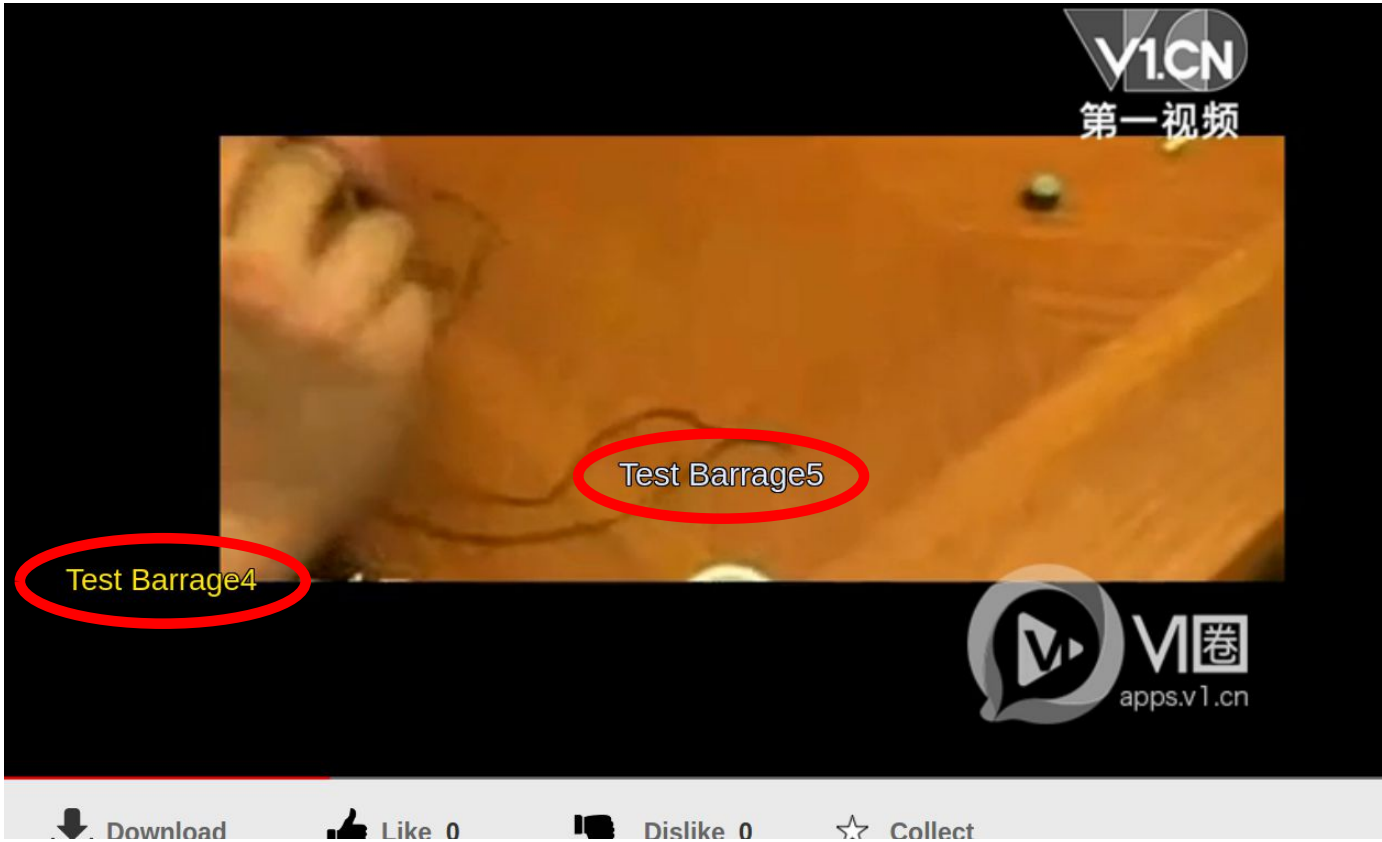
PART TWO

VIDEO

#BARRAGE/

While watching video, you can experience our real-time comments service, in other words, it is called barrage.
This is an example of our barrage service.



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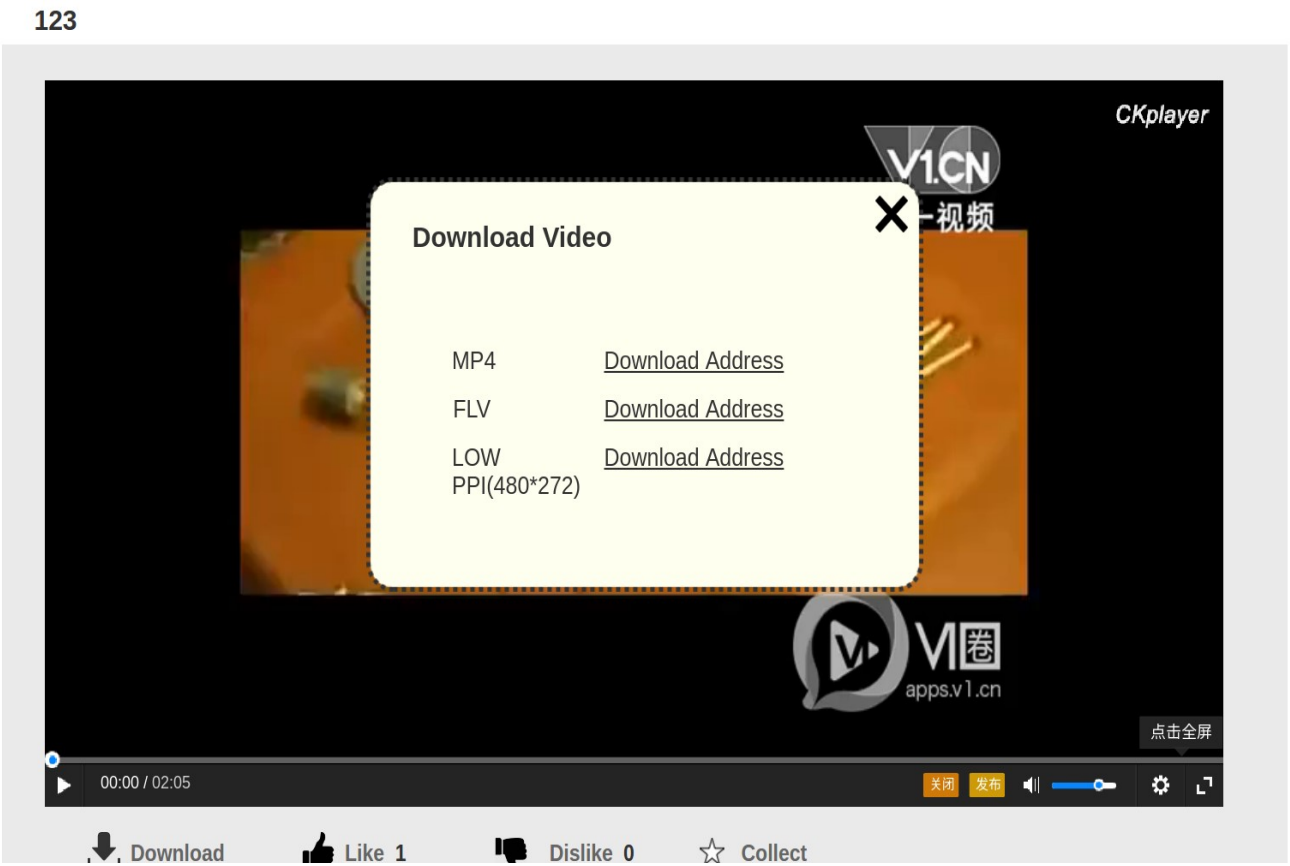
PART TWO

Super JiJi Home Video Audio Image

VIDEO

#DOWNLOAD/

We also support the download service of video. If you want to download the video that you are watching, you just need to click the leftmost button in the bar behind the video. Also, we support different kinds of formats, because we have transformed the video into different formats just after you upload it.



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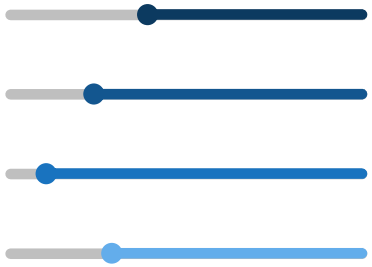
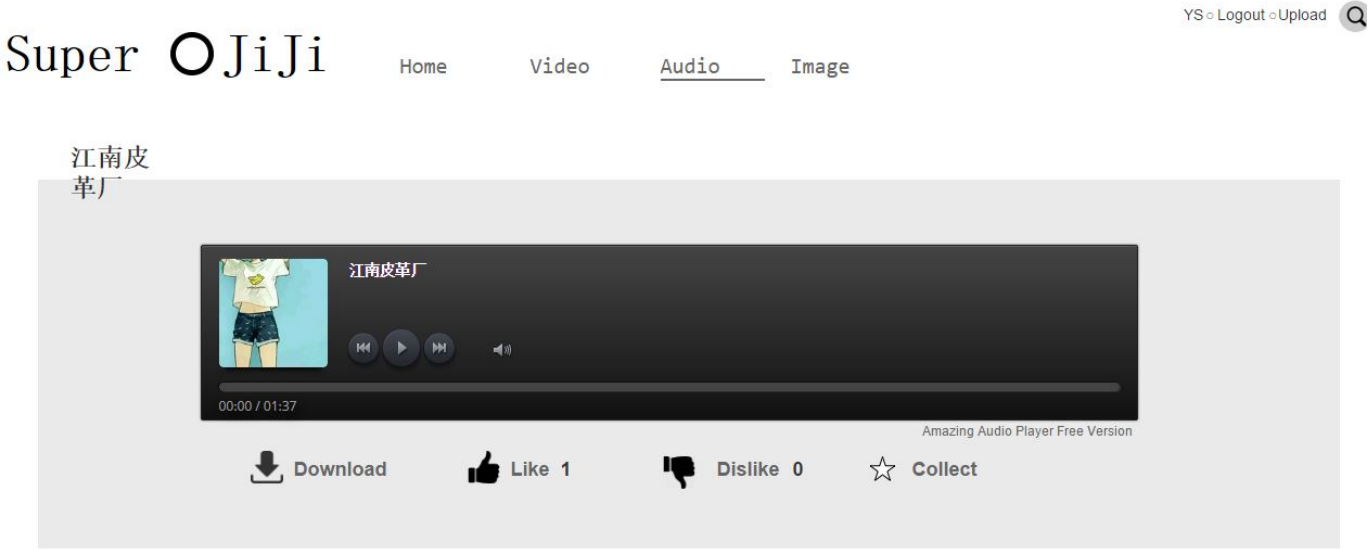
PART TWO

AUDIO

#DISPLAY/





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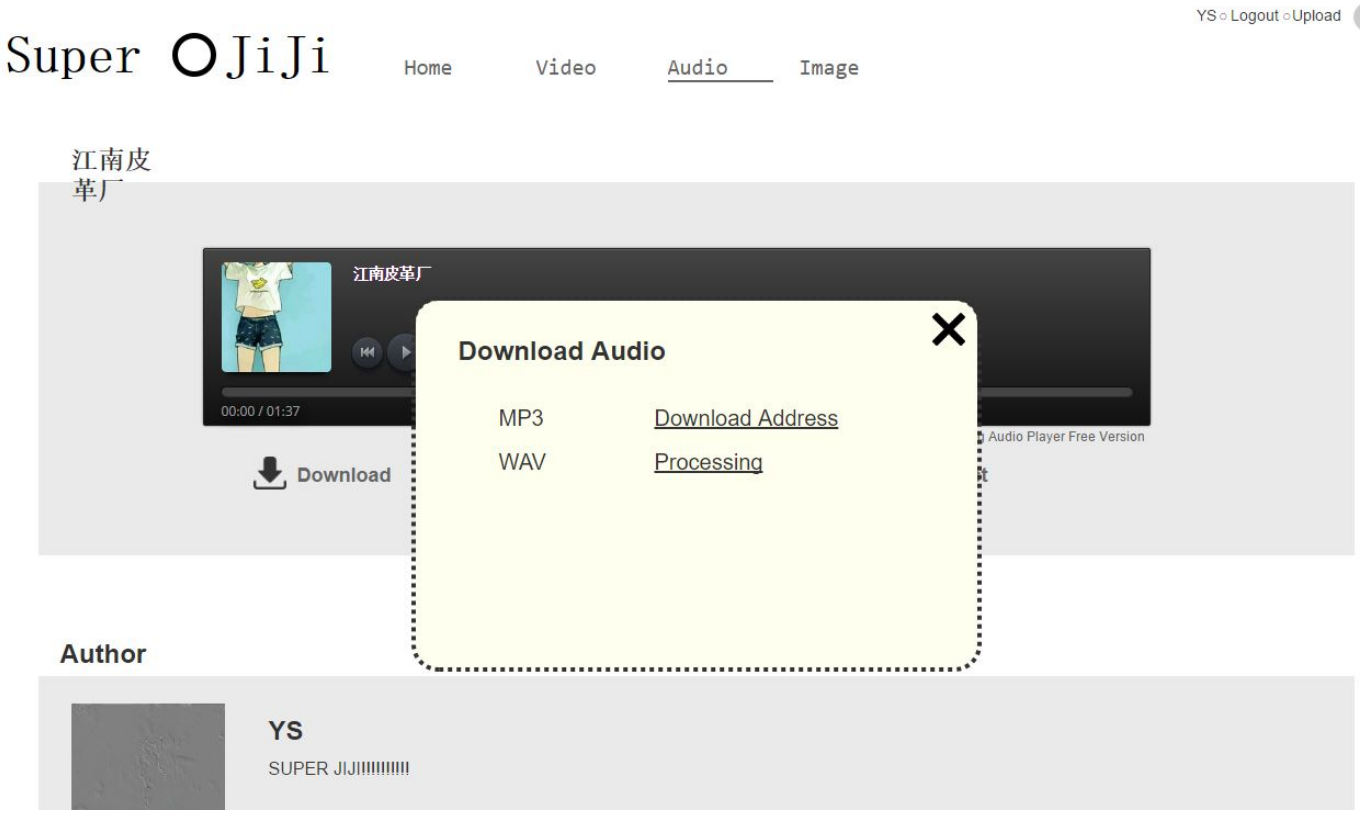
PART TWO

AUDIO

#DOWNLOAD/

Like video,
we also support the download service of audio.
Also, we support different kinds of formats,
because we have transformed the audio into
different formats just after you upload it.



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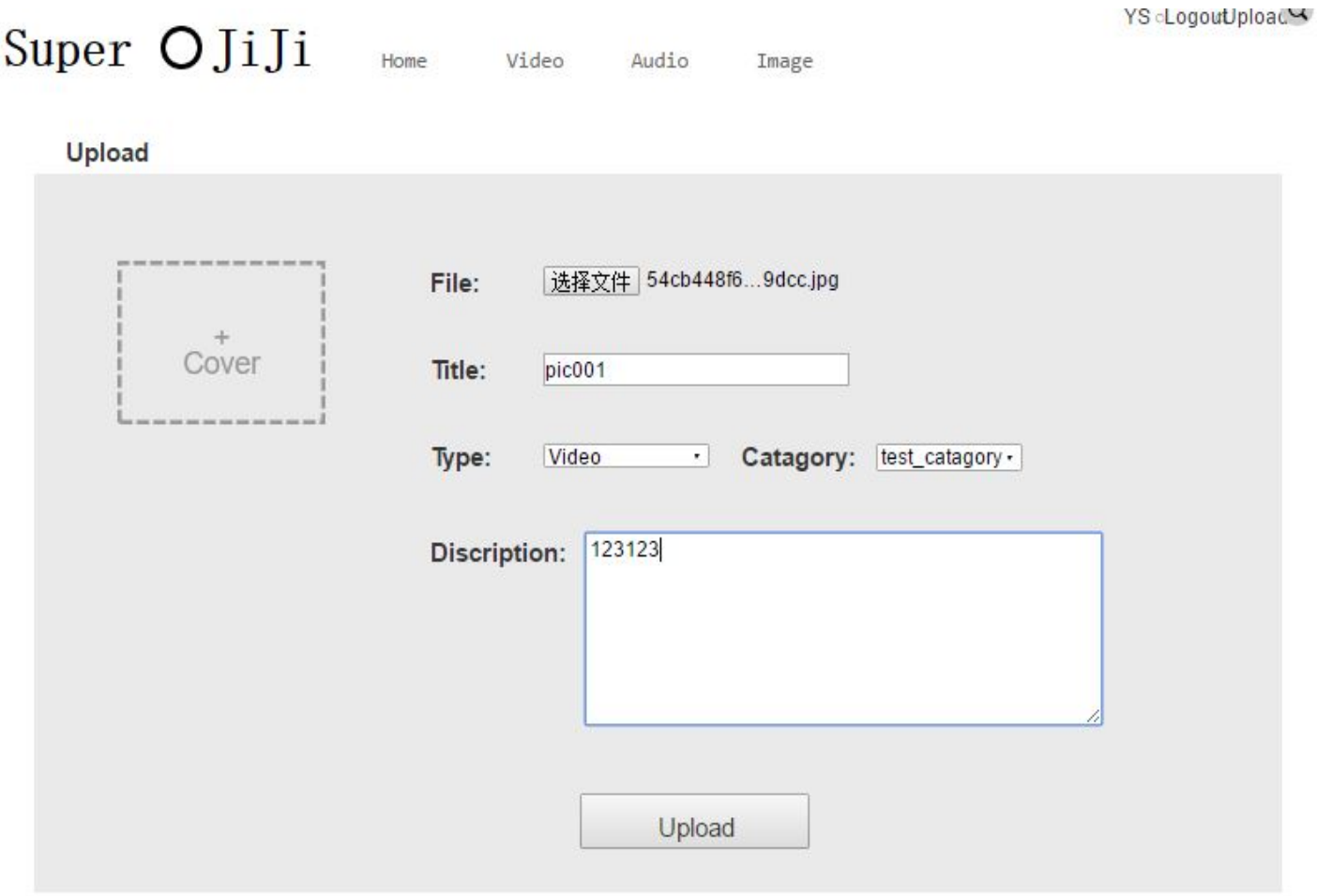
PART TWO

IMAGE

#UPLOAD/

U are able to upload your favorite picture to our website. We support many formats such as jpg and png.
U can add some description to it and that will be shown to the viewers.



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PART TWO

IMAGE

#DISPLAY/

This is the page of displaying images.
Also, it will show the author information and other modules.
We will see it later in our live demo part.

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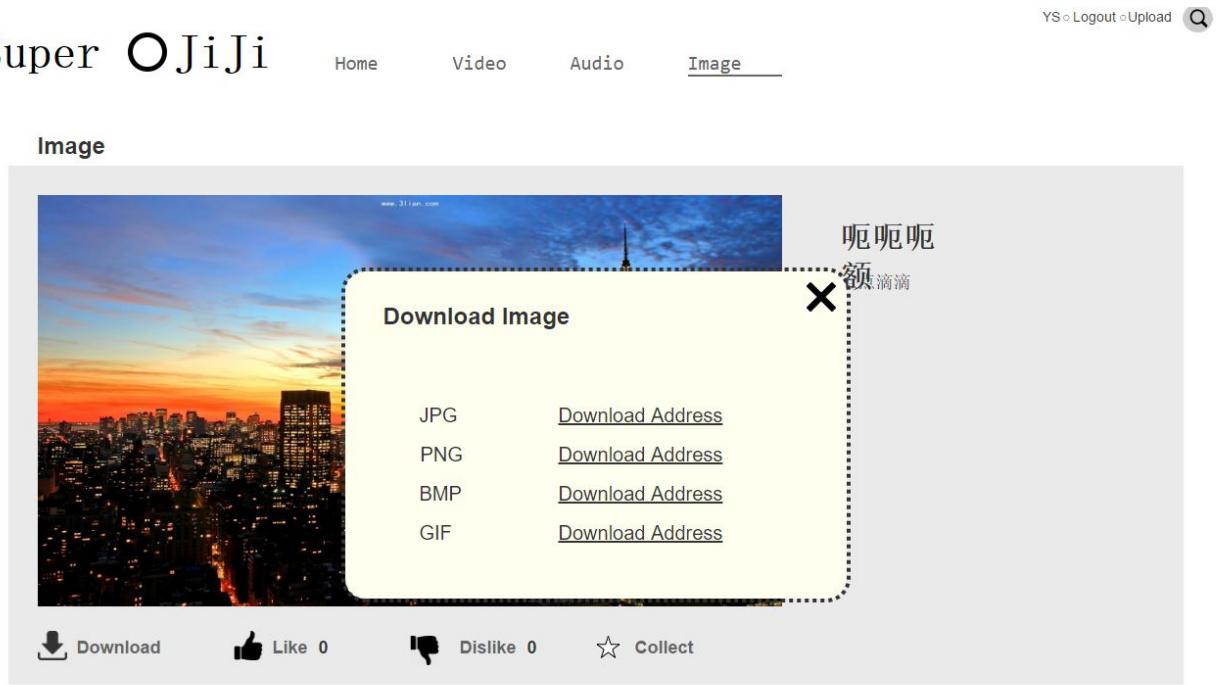
PART TWO

IMAGE

#DOWNLOAD/

Like video and audio,
we also support the download service of images.
Also, we support different kinds of formats,
because we have transformed the images into
different formats just after you upload it.
And you can choose the most suitable format for
you.



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PART TWO

COMMENT

#TEXT COMMENT/

Unlike barrage that we mentioned before, we also support traditional comments.
In the comments module, we are able to send long messages and that will show the basic information of the writer.

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PART TWO

LIKE/DISLIKE

#CLICK ONLY ONCE/

Like many common websites, we provide the function of “LIKE OR DISLIKE”, but we apply it in image section as well.
We set the rule of “one person one vote”, which is very important.

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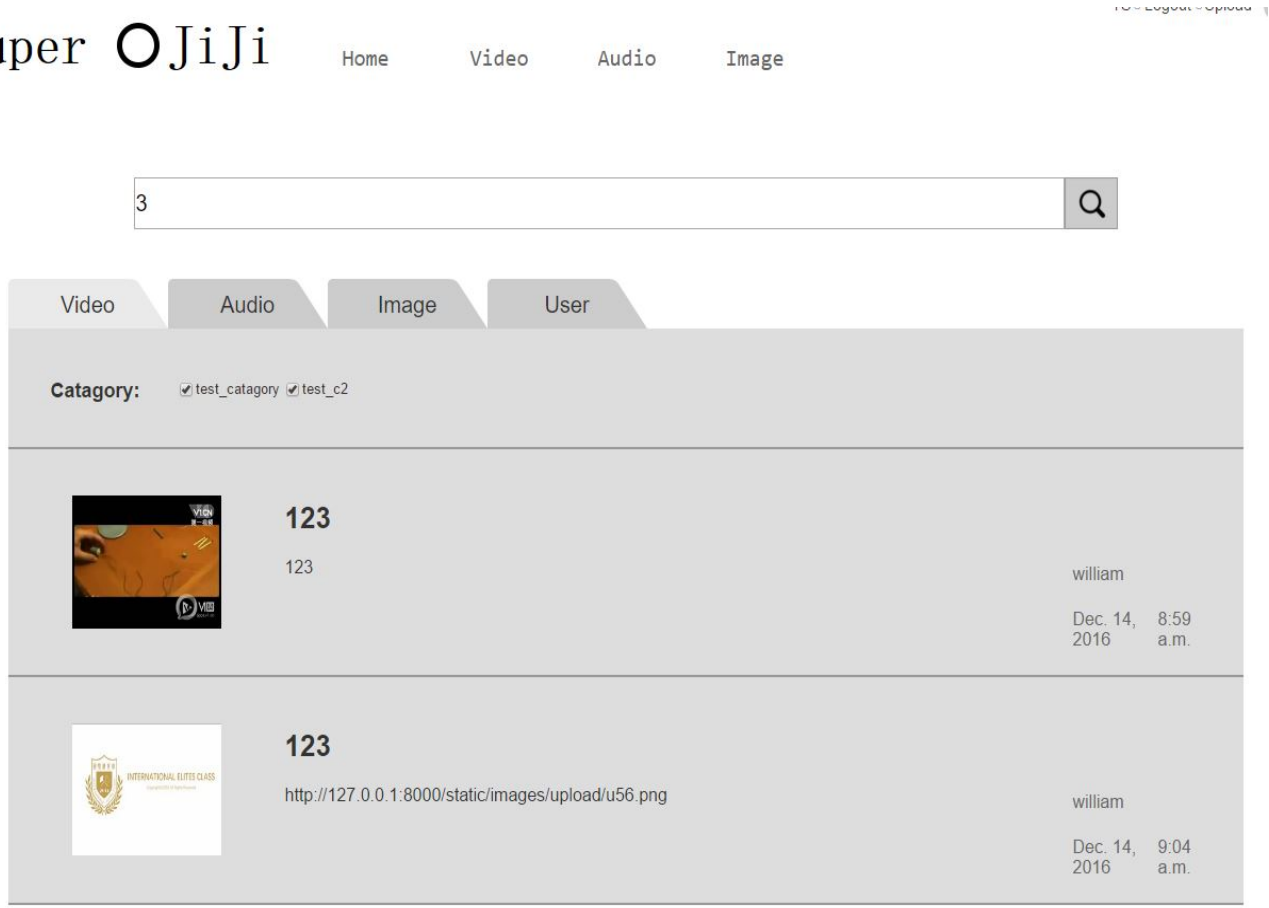
PART TWO

SEARCH

#BY KEYWORDS/

In order to find the resource that you want in the shortest time, we add the search page.
You just need to input the word contained in the name of resource, you will get the result that you want.
For more efficient use, we also divide the result into several catagories.



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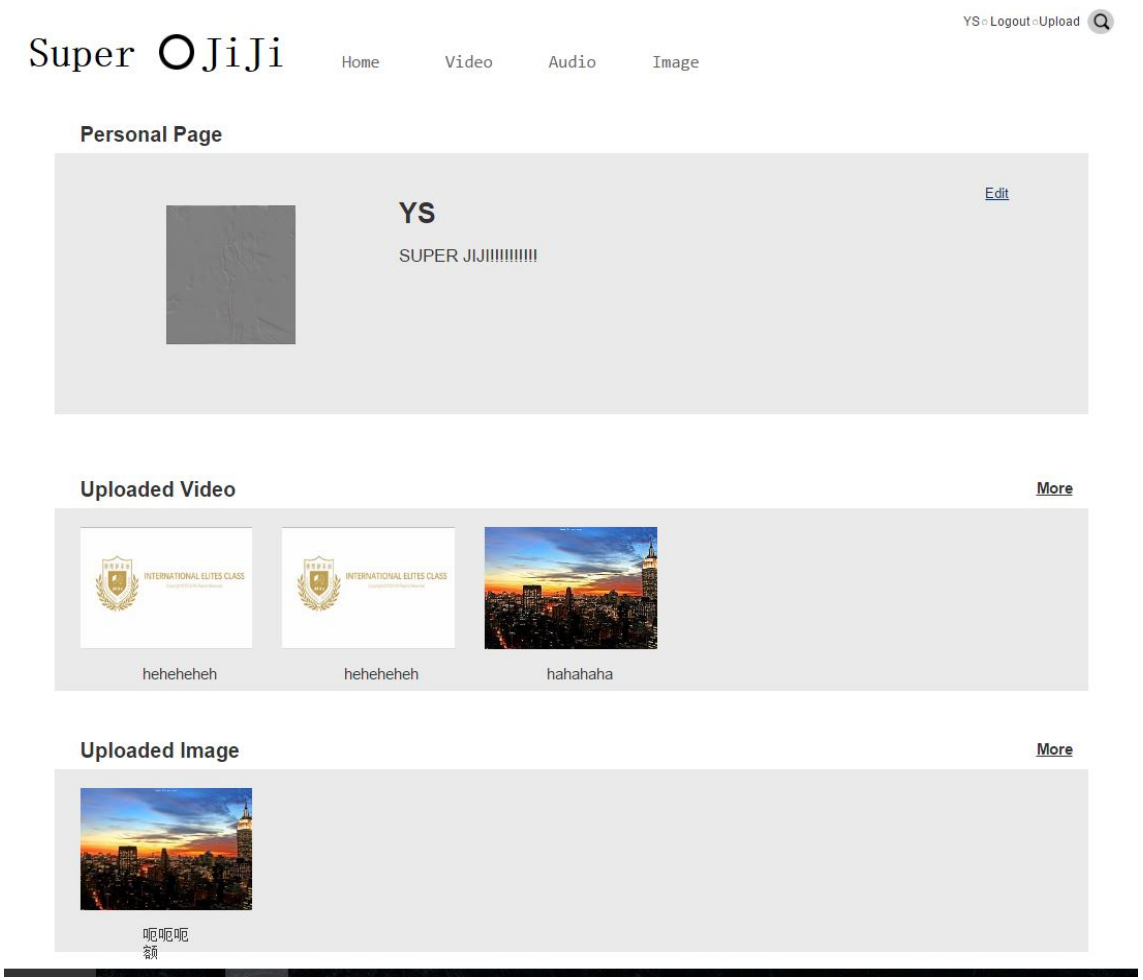
PART TWO

PERSONAL

#HOME PAGE/

A HA!
This is the home of every member, where you can show your own personality.
You may also find the collection.
For strangers in this website, they will know something about you in this section, and that will definitely contributes to friendship.



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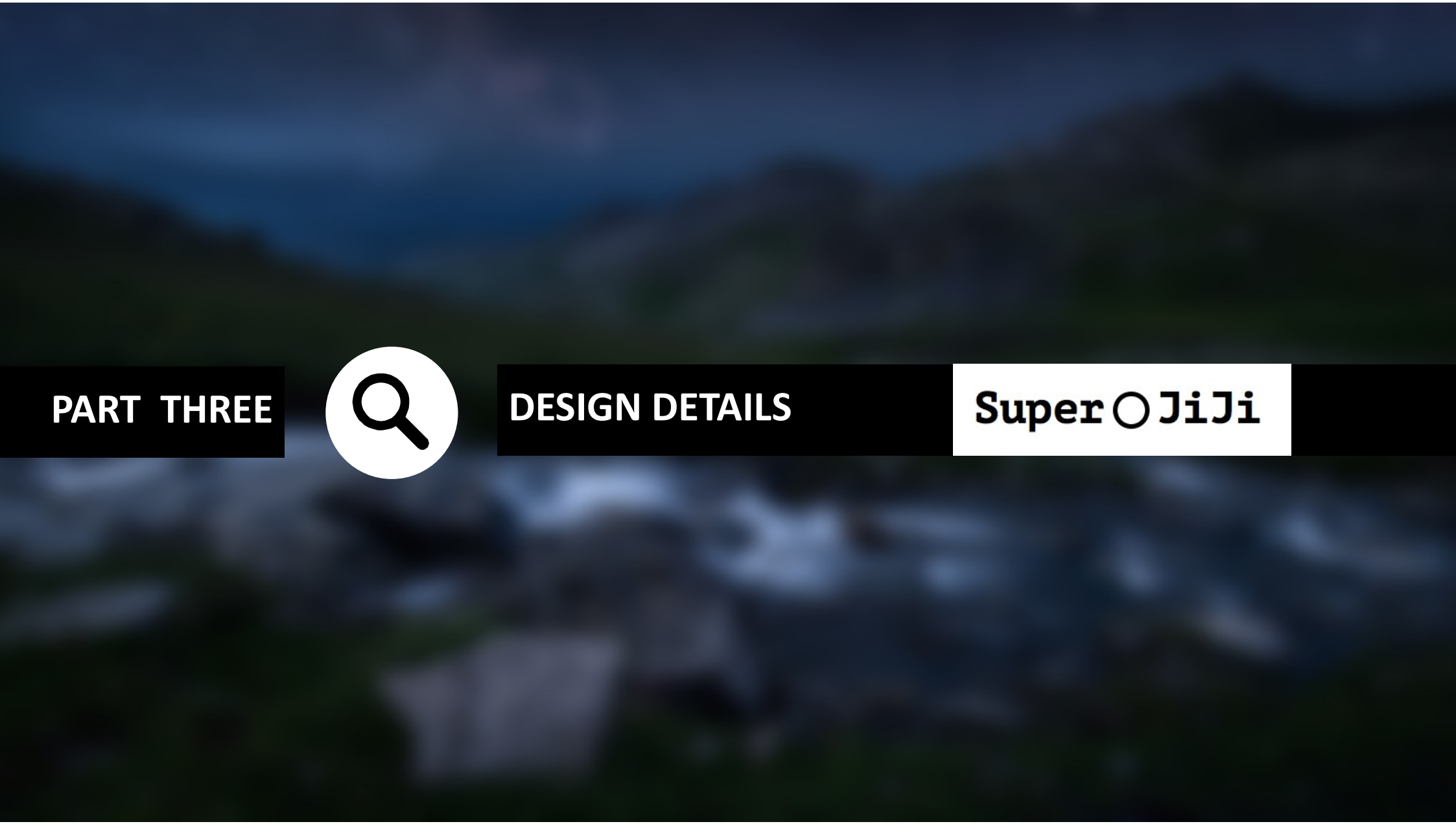
PART TWO

RECOMMEND

#SMART & STRONG/

This is a very smart function, because when you watch a video or listening to an audio, the website will recommend you some articles of the same category.
Then you can enjoy your own sparing time more efficiently.


PART THREE
DESIGN DETAILS
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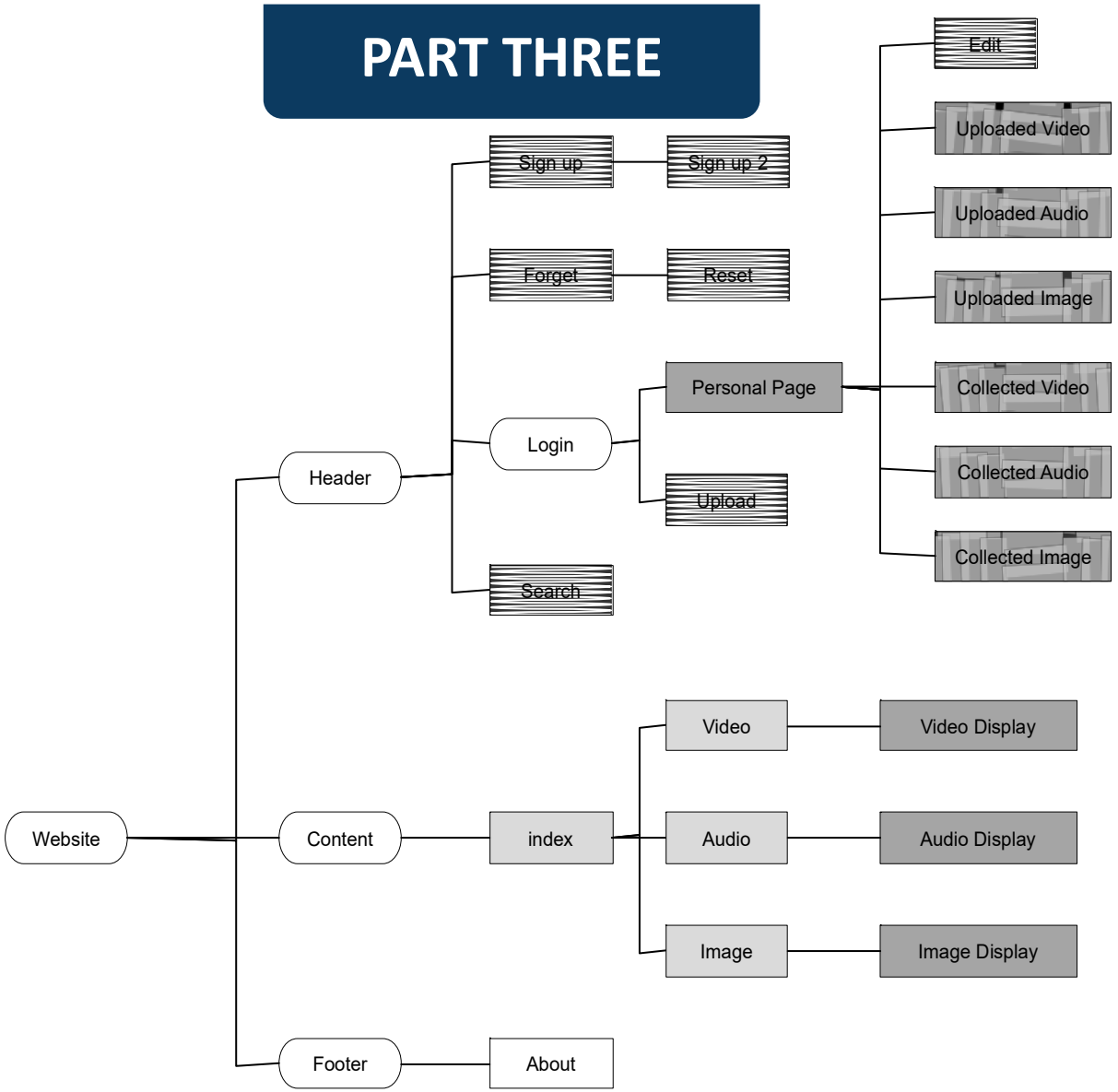
PART THREE

ARCHITECTURE



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PART THREE

USER

01

SIGN UP

ENTER BASIC INFORMATION

TAKE 5 PICTURES FOR FACIAL RECOGNITION

02

FACE RECOGNITION

LOGIN WITH FACE RECOGNITION
WITHOUT ENTERING PASSWORDS
MORE CONVENIENT

02

PASSWORD METHOD

ENTERING WITH PASSWORDS
SUITABLE FOR ANY ENVIRONMENT

03

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PART THREE

FACE ++ API

#FOR FACE RECOGNITION/

In general, there are three steps to call the API of Face++. First, create a new face_id for the face in new uploading pictures. Second, add the face_id to one Person class and get the person_id. Third, compare two face_id and judge whether they are one person’ s pictures.

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PART THREE

01

Barrage video system

The browser to the server every five seconds post, ask a barrage of documents, the purpose of doing so is to have at the same time if more than one person watching this video, all of them to the player on the post barrage file, then the local barrage file should be constantly updated, so you need to have an update every five seconds and then download.

02

Formation Transformation

This part was developed in python.
We process images through PIL, a library with image processing capabilities in python and realize the functions of processing video and audio by ffmpeg, a complete, cross-platform solution to record, convert and stream audio and video.

03

Face Recognition

In order to learn the whole procedure as soon as possible, we run the program called “hello.py” provided by Face++ at first. Admittedly, it’s not difficult. But, during the process, we did meet some obstacles, like how to change the picture source and how to make the program friendlier to our website.

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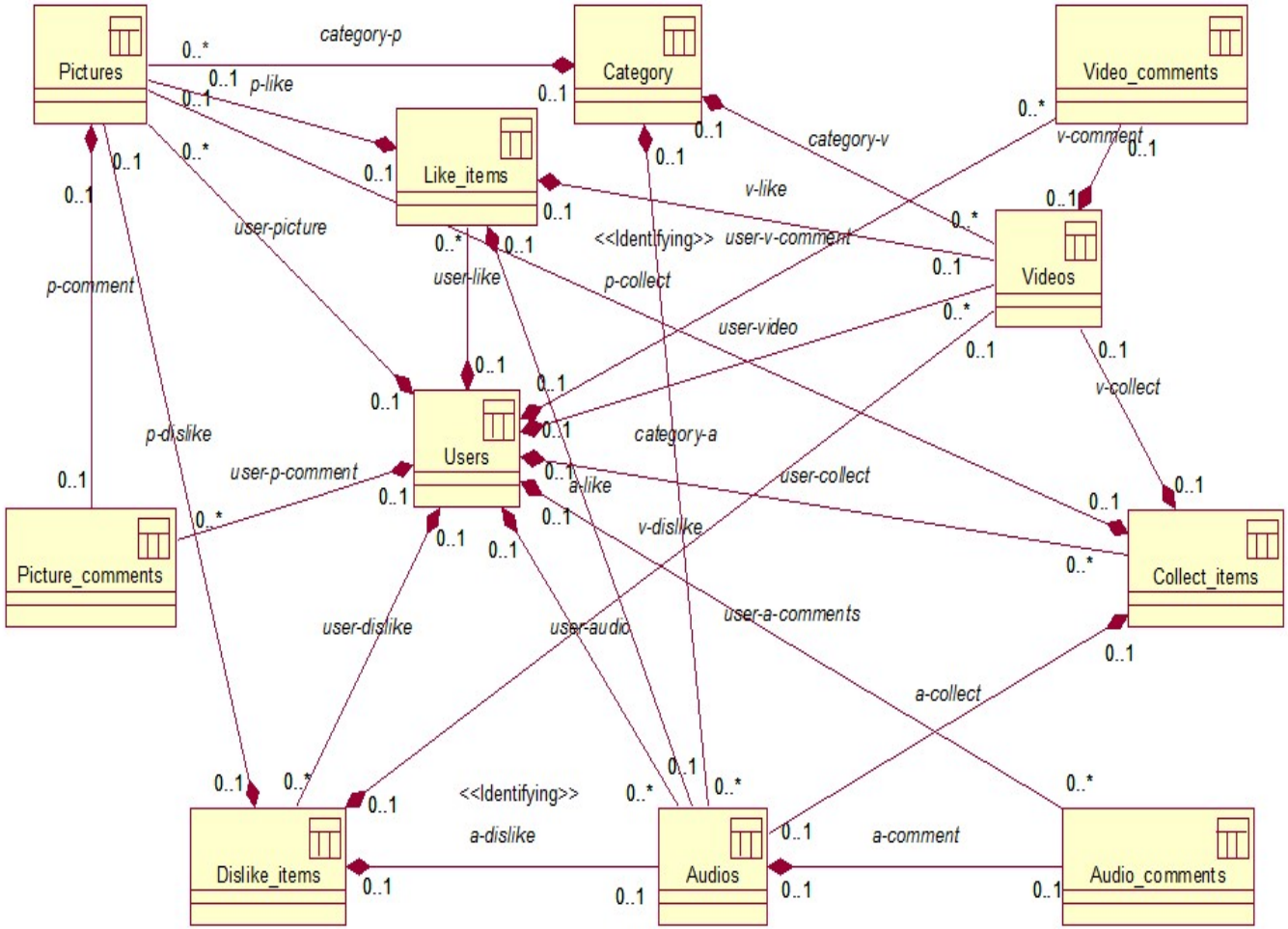
PART THREE

DATABASE DESIGN

#TO ENSURE STABILITY/



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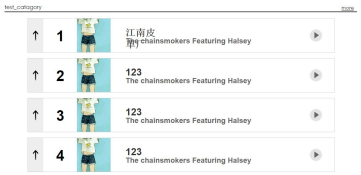
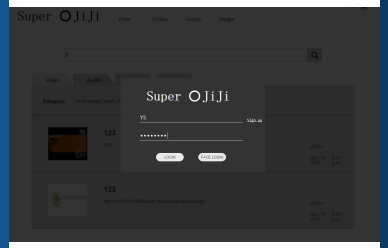
PART THREE



EASY-TO-USE

Concise interface make it easy for new users to learn how to use this website properly.

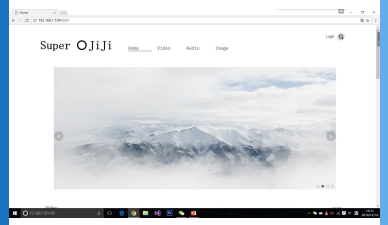


MANAGEABLE

Reusable and elegant codes made the program files more management, which means it is much easier to be maintained.

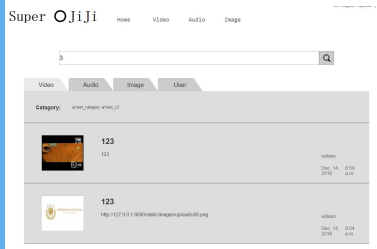
CONCISE

We use the design principle properly, not adding too much useless functions or modules.



MODULARIZED

By modularizing the functions and interfaces, the website is more modern and more attractive.



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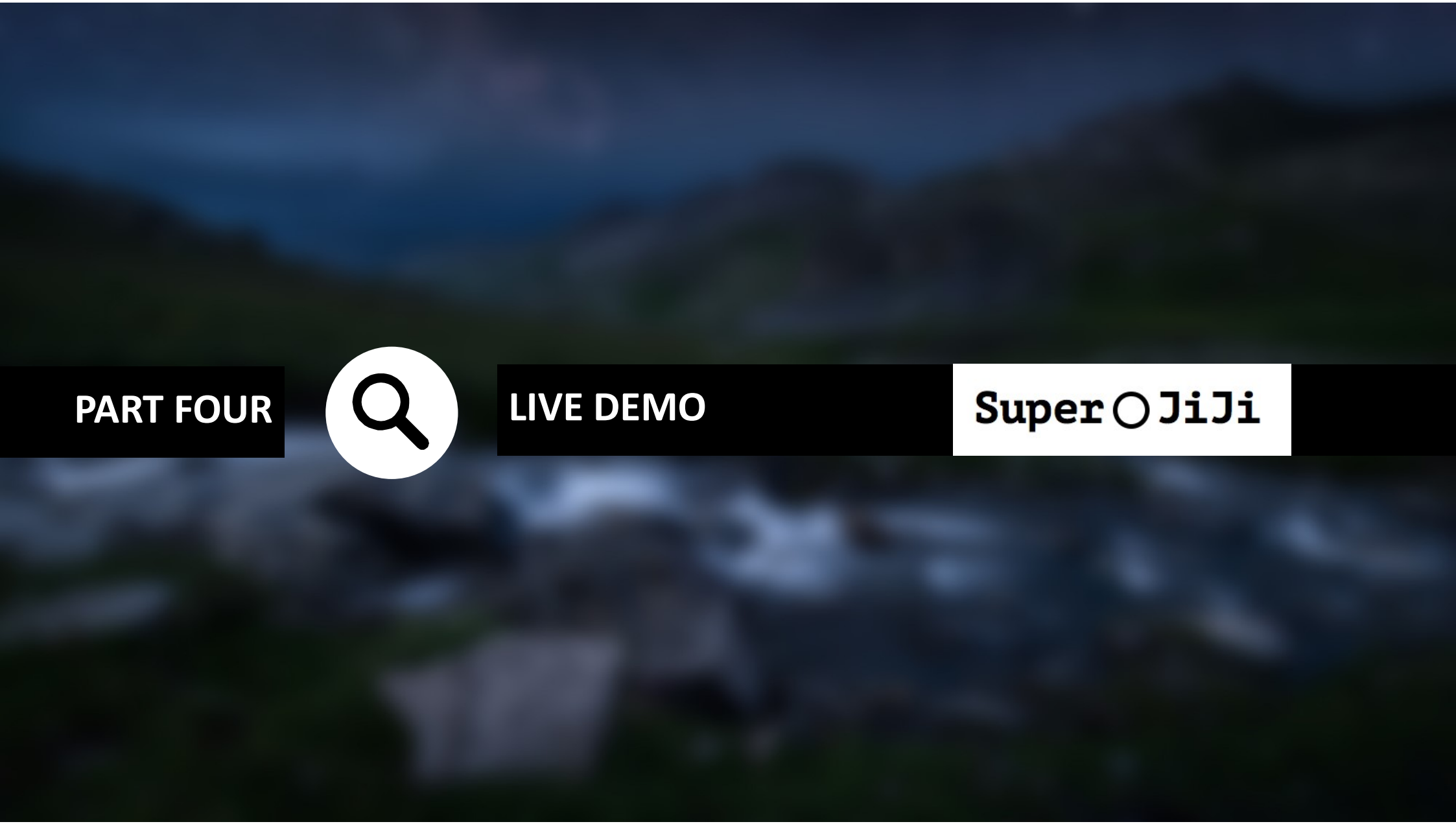
PART THREE

ARCHITECTURE	USER INTERFACE
BACK-END	DUCUMENT

Member Name	Student Number	Responsibility
Zikang Xiong	2014220301016	Integration
Chuyi Hou	2014220305030	Website Design
Chuyi Hou	2014220305030	Front-End
Zikang Xiong	2014220301016	Back-End
Zikang Xiong	2014220301016	Interaction
Zhe Chen Hanya Zhang Zhihao Liu	2014220501036 2014220303029 2014220303019	Face recognition(login)
Hanya Zhang	2014220303029	Image & Video Processing
Yangruibo Ding	2014220105001	Player
Yangruibo Ding	2014220105001	Barrage
Shuai Yang	2014220303020	Web Camera


PART FOUR
LIVE DEMO
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