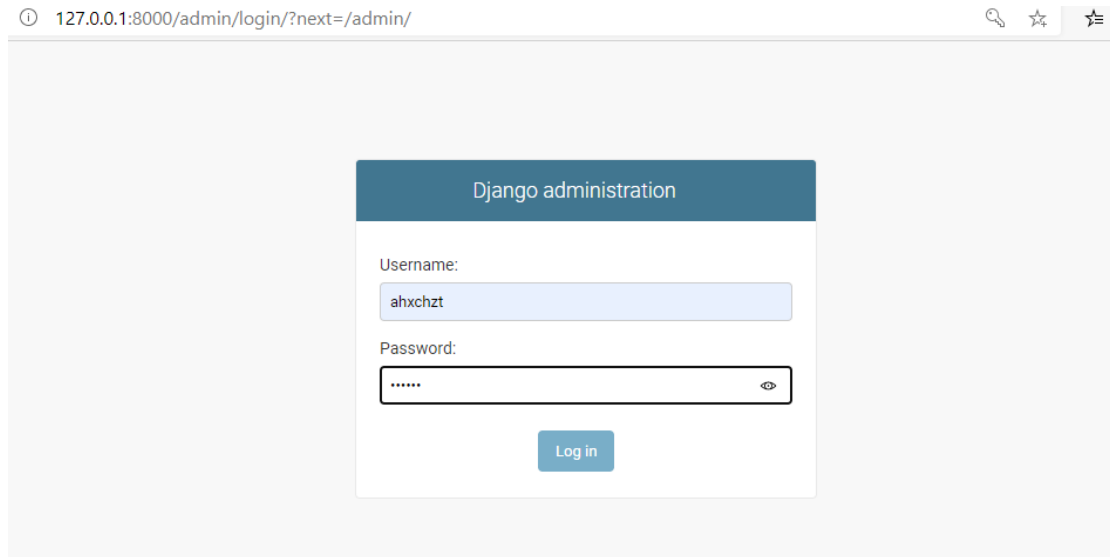


1. Program Presentation

1 Import data manually



127.0.0.1:8000/admin/login/?next=/admin/

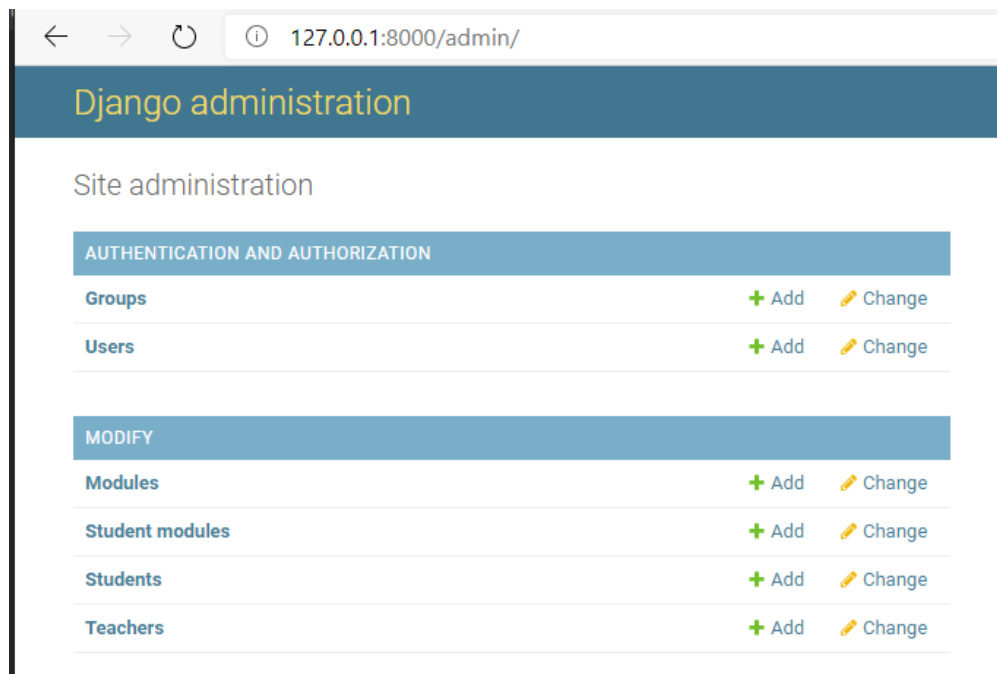
Django administration

Username:
ahxchzt

Password:
.....

Log in

Figure 1.1 login as administrator



127.0.0.1:8000/admin/

Django administration

Site administration

AUTHENTICATION AND AUTHORIZATION

Groups	+ Add	Change
Users	+ Add	Change

MODIFY

Modules	+ Add	Change
Student modules	+ Add	Change
Students	+ Add	Change
Teachers	+ Add	Change

Figure 1.2 Select the table you want to modify

2 Import data from excel file

127.0.0.1:8000

please import teacher information

Choose File

teacher.xls

Submit

please import student information

Choose File

student.xls

Submit

please import module information

Choose File

module.xls

Submit

please import Student Module selection information

Choose File

selected.xls

Submit

Figure 2.1 Import data from chosen file.

	A	B	C	D	E	F
1	teacher_id	name	email	password	gender	institute
2	123qwe	Run xu	643270933@qq.co	123123	male	computer
3	123123	Zhongtian Hu	23451232@qq.com	123456	female	electronic
4						

Figure 2.2 the format of teacher.xls

	A	B	C	D	E	F	G	H	I	J
1	name	student_id	email	assistant_email	gender	major	grade	class	bluetooth_address	
2	Hao Wang	201088966	643270933@qq.co	123123@qq.com	male	computer	3	1	7C:B3:7E:E4:5D:81	
3	Zhongtian Hu	2016110246	915492435@qq.co	123456@qq.com	female	electronic	4	2	7C:B2:7D:E4:5D:80	
4										

Figure 2.3 the format of module.xls

	A	B	C	D	E
1	module_code	module_name	time	data	teacher
2	XJCO1111	project1	12:00	2020-05-03	123qwe
3	Zhongtian Hu	pro2	12:00	2020-05-03	123qwe
4					

Figure 2.4 the format of module.xls

	A	B
1	module code	student_id
2	XJCO1111	201088966
3	XJCO1111	2016110246
4		

Figure 2.5 the format of selected.xls

3 Attendance

11:54 54%

Login

123qwe

.....

LOG IN REGISTER

1 2 3

@ 4 5 6 .

: 7 8 9 ,

!?# ↩ 0 ⌂ 完成

Figure 3.1 Login

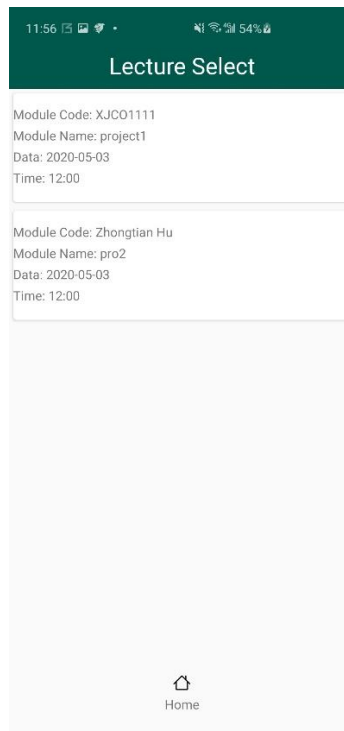


Figure 3.2 Select module

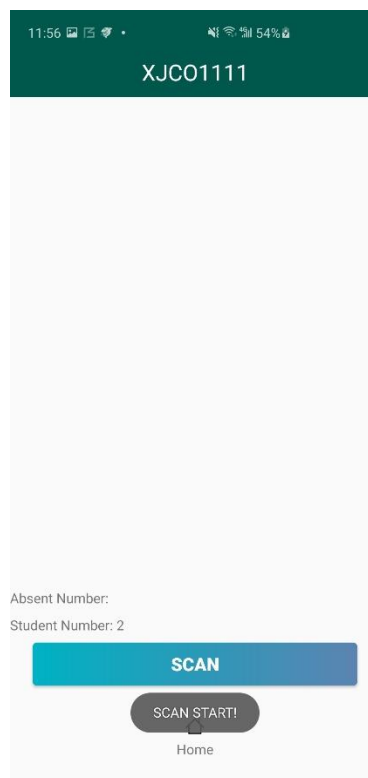


Figure 3.3 Scan Start

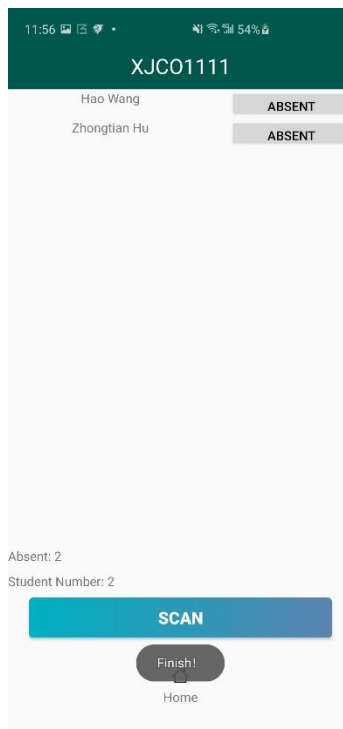


Figure 3.4 Scan Finish

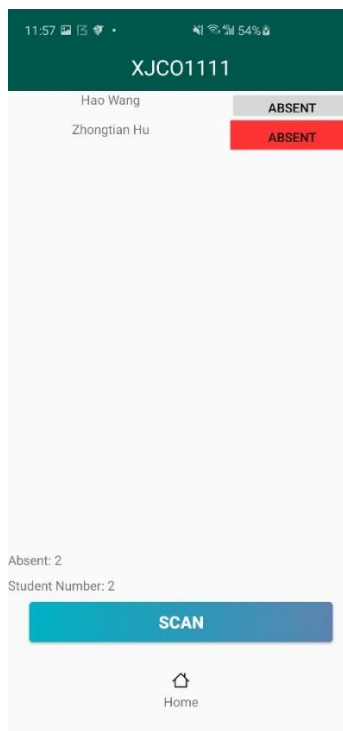


Figure 3.5 Absent Confirm

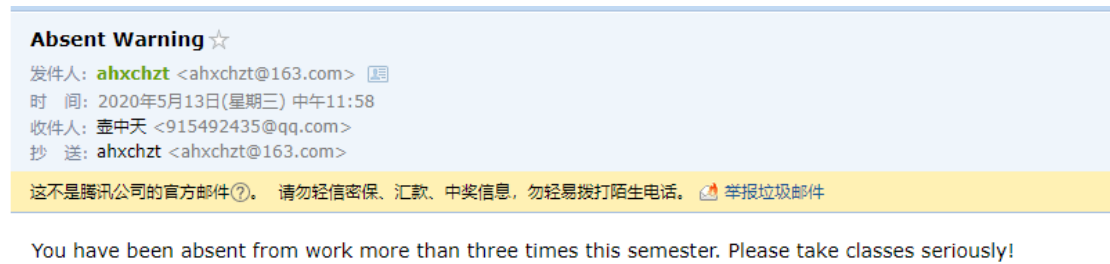


Figure 3.6 Warning Email

4 Export data

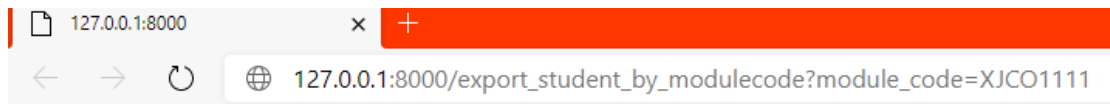


Figure 4.1 Export data using provided API

	A	B	C	D	E	F	G	H	I
1	name	student_id	absent_time	email	assistant_email	gender	major	grade	class
2	Hao Wang	201088966	0	643270933@qq.com	123123@qq.com	male	computer	3	1
3	Zhongtian	2016110246	5	915492435@qq.com	123456@qq.com	female	electronic	4	2

Figure 4.2 XJCO1111.xls

2. Data format in excel file

1 module

	A	B	C	D	E
1	module_code	module_name	time	data	teacher
2	XJCO1111	project1	12:00	2020-05-03	123qwe
3	Zhongtian Hu	pro2	12:00	2020-05-03	123qwe
4					

2 student

	A	B	C	D	E	F	G	H	I	J
1	name	student_id	email	assistant_email	gender	major	grade	class	bluetooth_address	
2	Hao Wang	201088966	643270933@qq.com	123123@qq.com	male	computer	3	1	7C:B3:7E:E4:5D:81	
3	Zhongtian Hu	2016110246	915492435@qq.com	123456@qq.com	female	electronic	4	2	7C:B2:7D:E4:5D:80	
4										

3 teacher

	A	B	C	D	E	F
1	teacher_id	name	email	password	gender	institute
2	123qwe	Run xu	643270933@qq.com	123123	male	computer
3	123123	Zhongtian Hu	23451232@qq.com	123456	female	electronic
4						

4 the type of excel cell must be 'text'

