NUIST website:
Web Programming

Implemented by:
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Supervised by
Prof. Wang Haibin

COMPUTER SCIENCE AND TECHNOLOGY
Nanjing University of Information Science and Technology

Our project

- My project is a website for NUIST which provide the information about schools, departments, programs, News, Notes, activities etc. as shown in the screen shot.
- In my project, we have two sides : the admin and the ordinary user.
- Everything in our website is dynamic even the logos.
- I tried to use the new techniques in creating website such as navigating, sliding, etc.
- we use the groups, users to mange the privileges for users.

Feature and Techniques

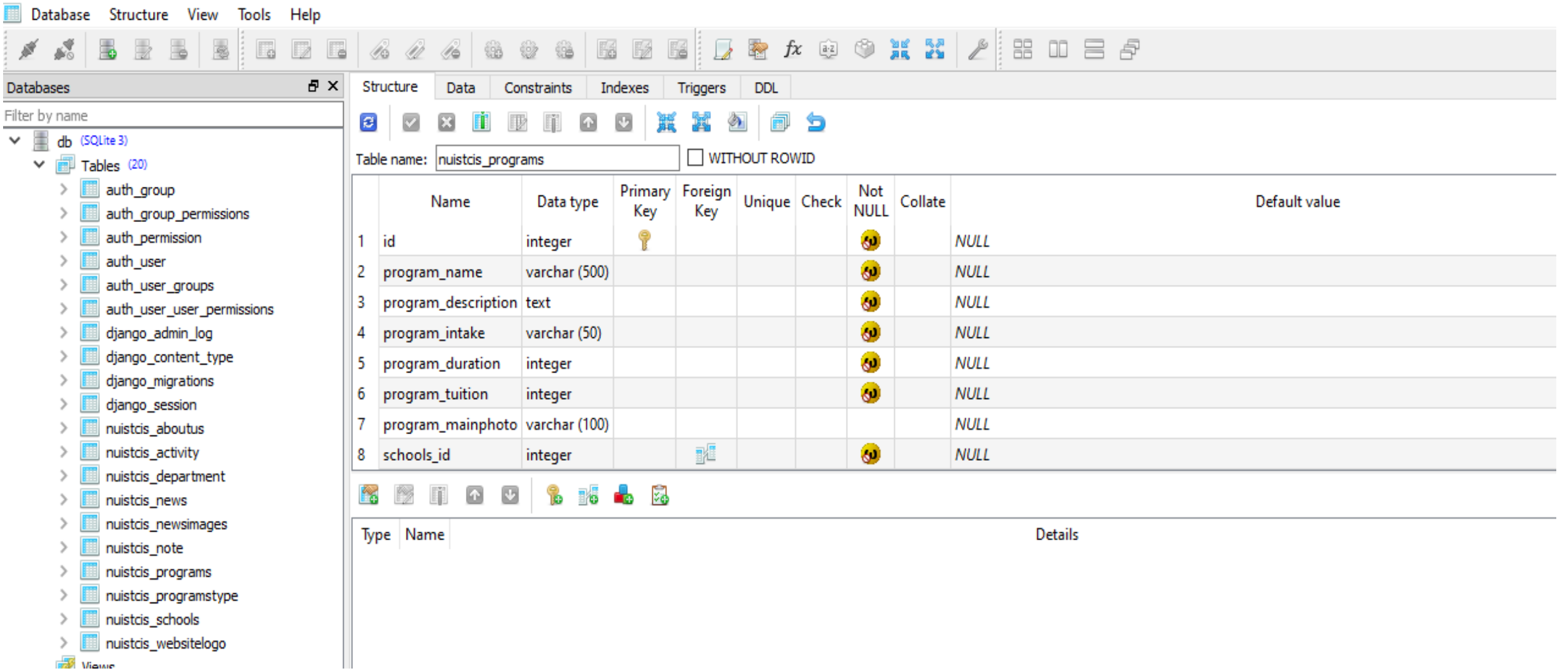
- We used the latest version of Python 3.

```
(base) C:\WINDOWS\system32>python
Python 3.6.4 |Anaconda, Inc.| (default, Jan 16 2018, 10:22:32) [MSC v.1900 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
```

- We used the Django 2.2.3 which is a high-level Python Web framework.
- CSS
- Java Script
- JQuery
- Bootstrap

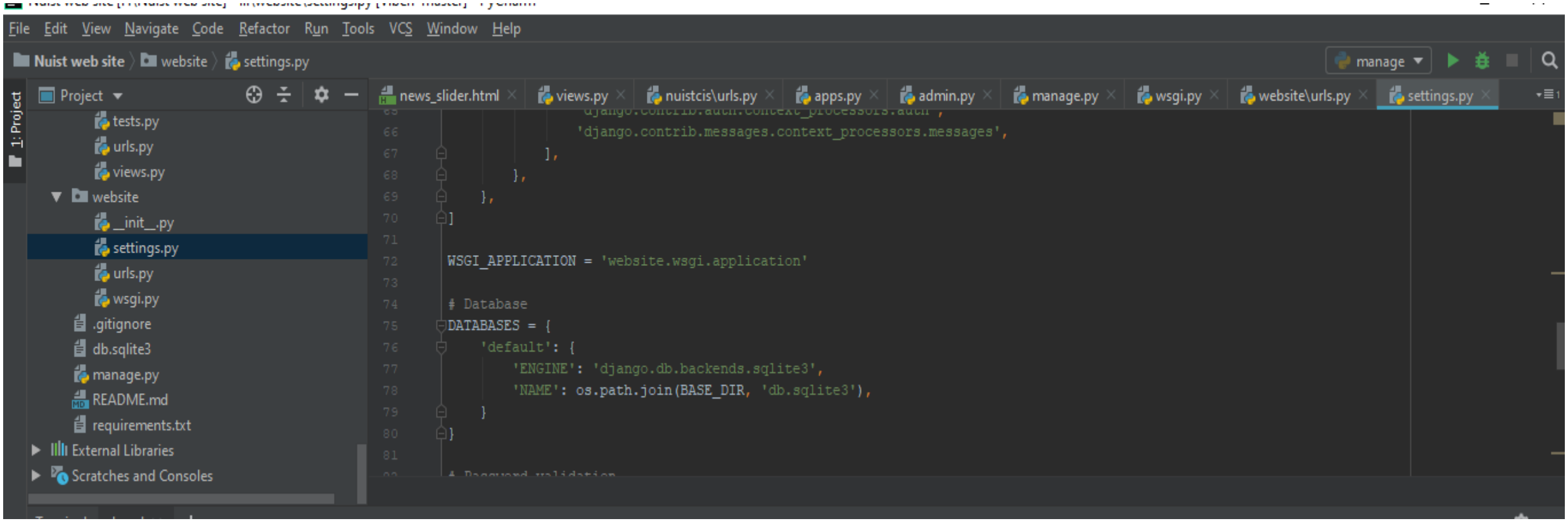
- Our project is a single page website.
- We use a database. The current version is SQLite, but we can move to any other DBMS system because Django create the model first.

Our Database

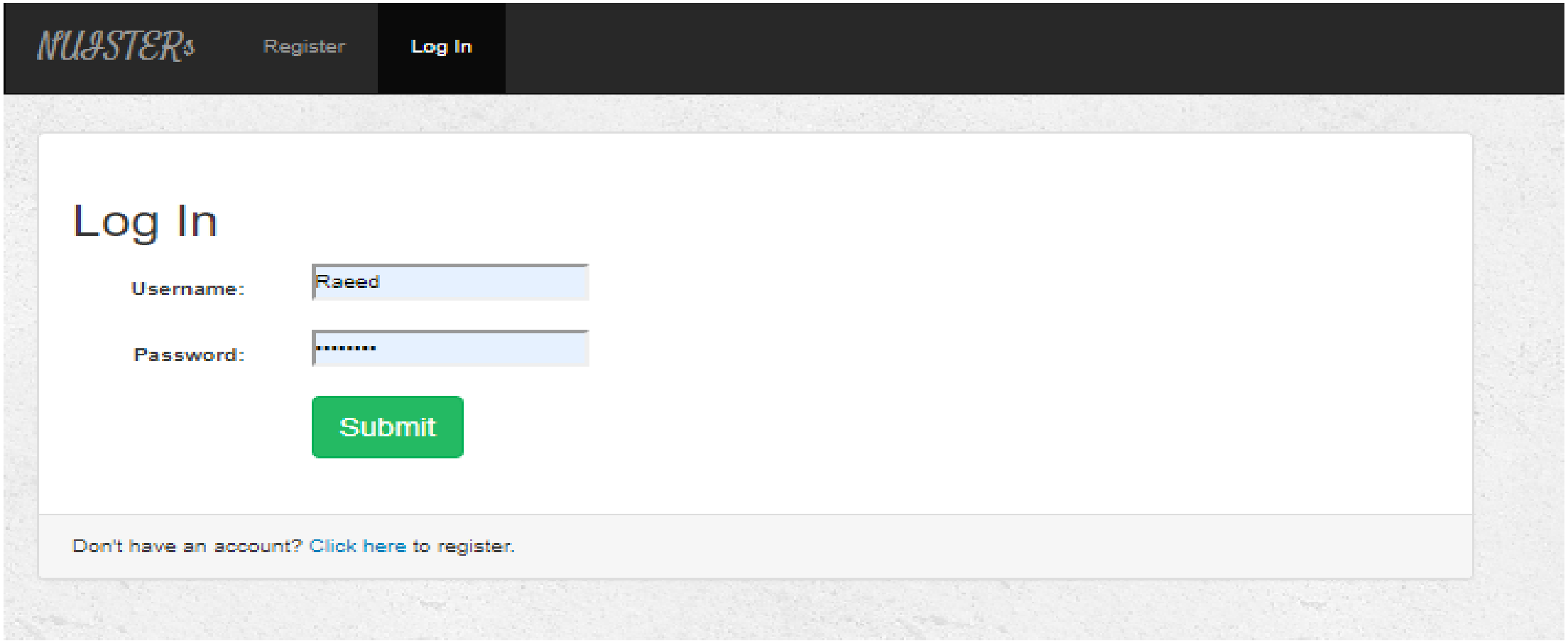


Our DataBase

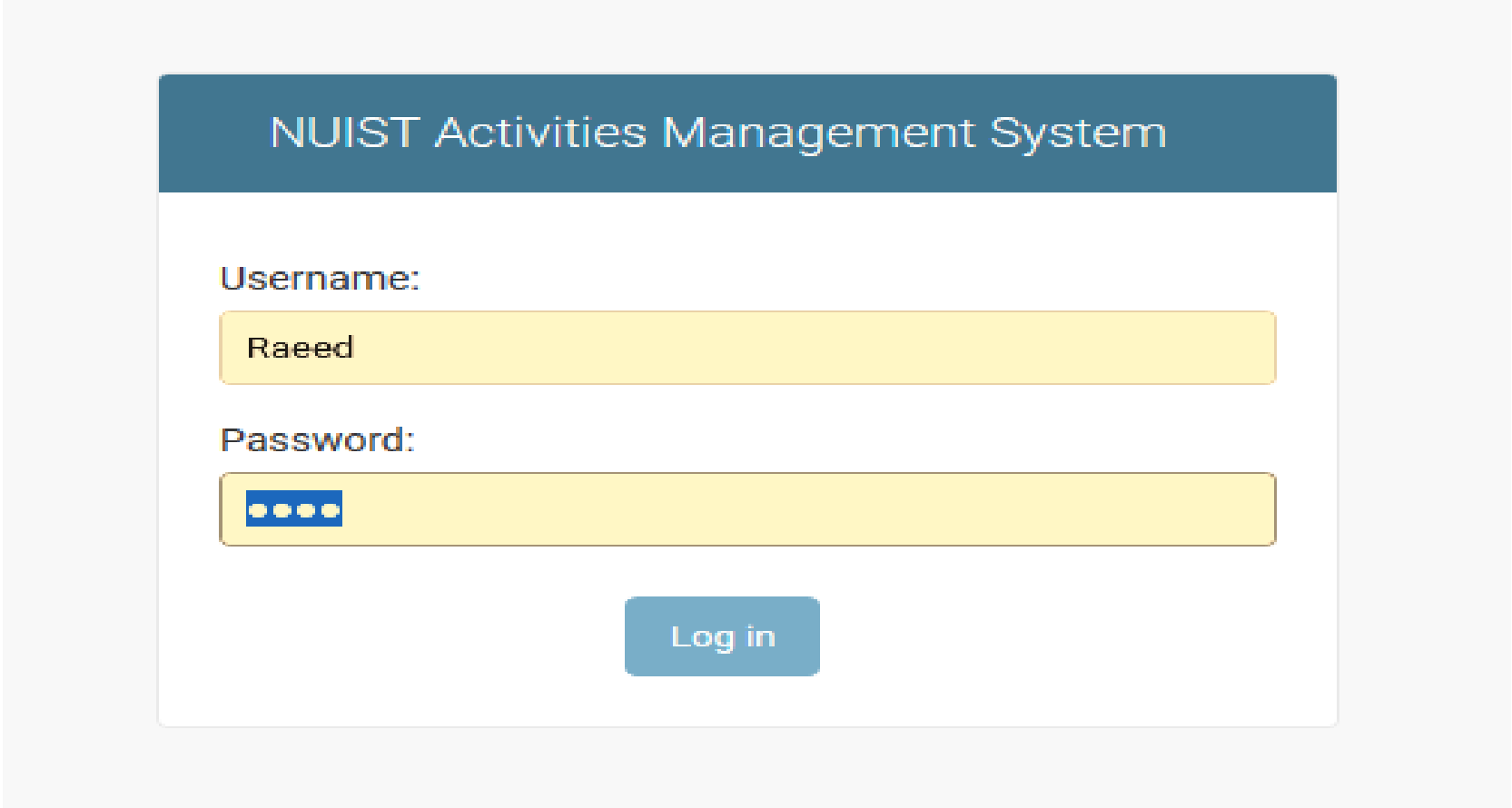
- Here if we want to change our database DBMS and use the
- Command makemigrations and migrate



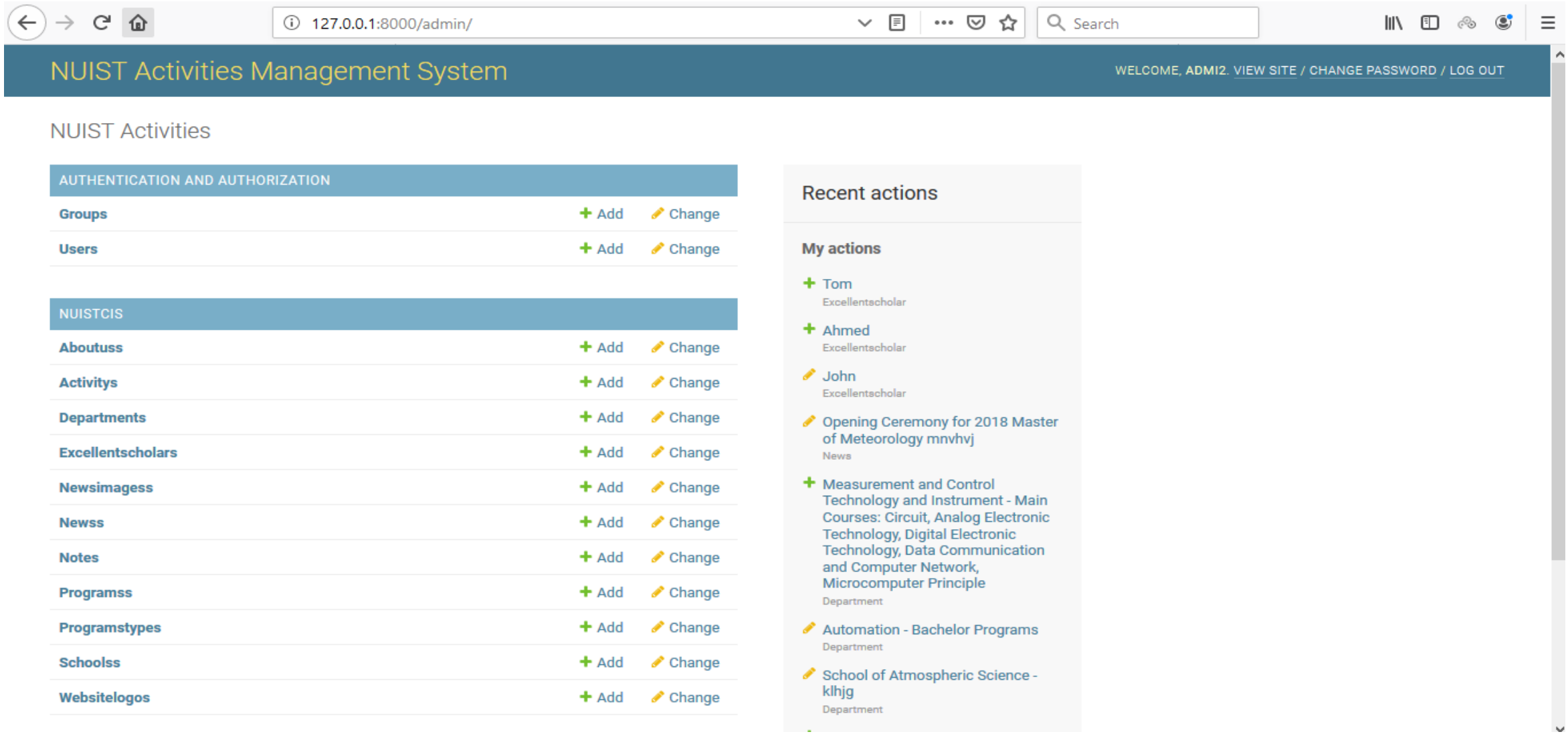
User Login


NUJSTERs
Register
Log In
Log In
Username:
Raeed
Password:
Submit
Don't have an account? Click here to register.

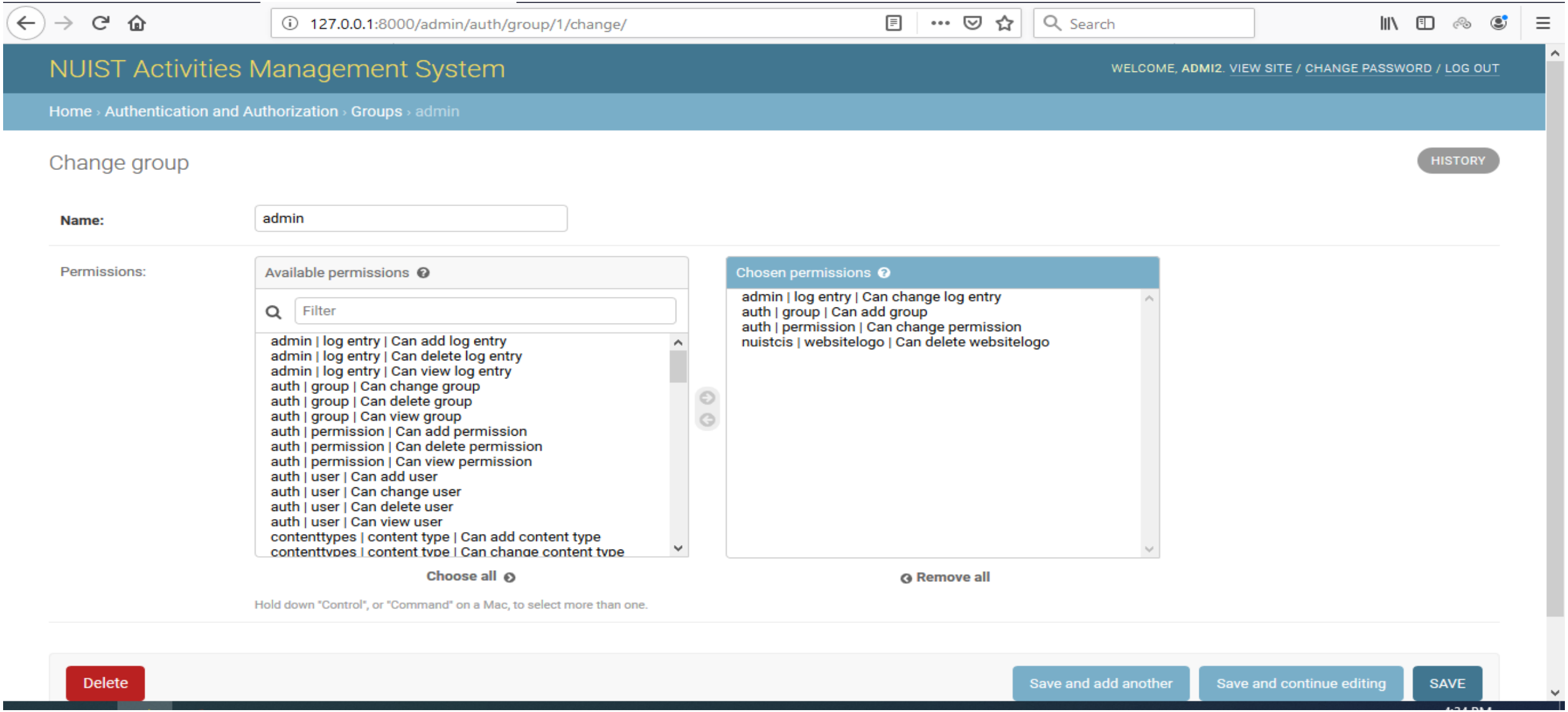
Admin Login


NUIST Activities Management System
Username:
Raeed
Password:
Log in

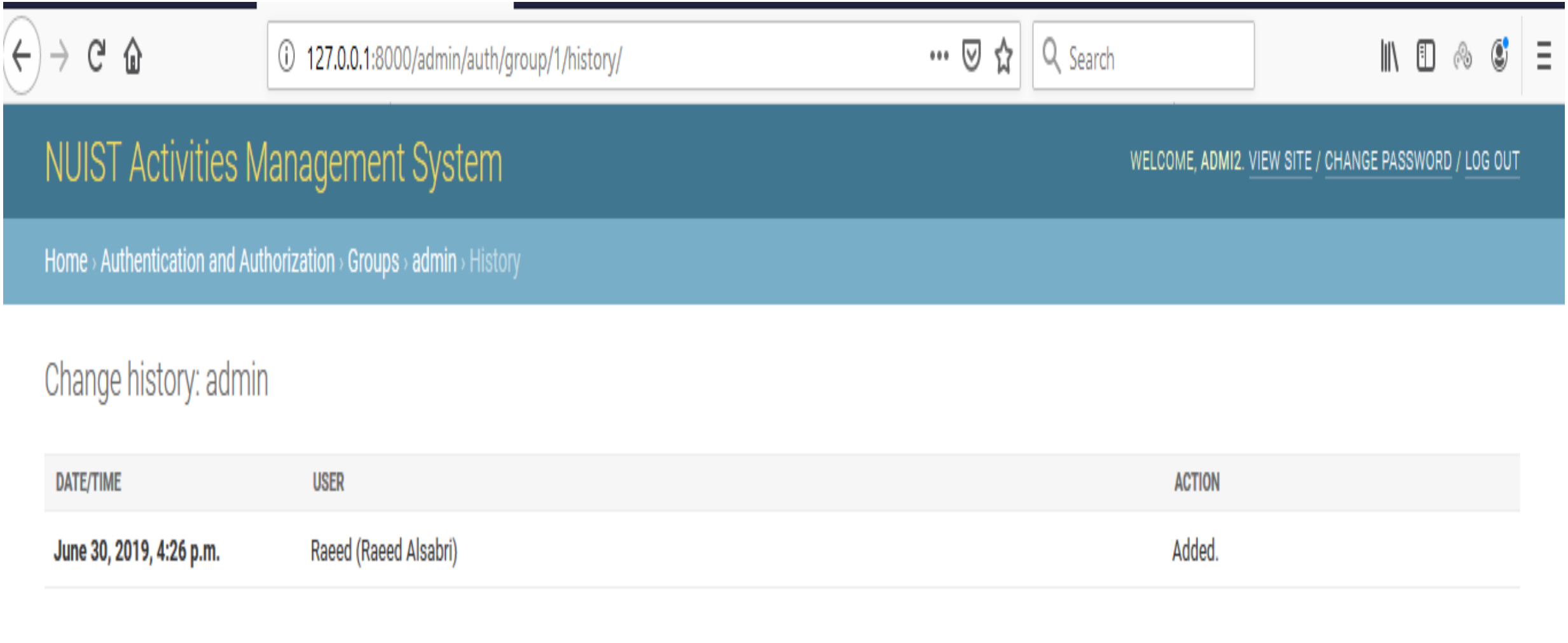
The admin’s main Page



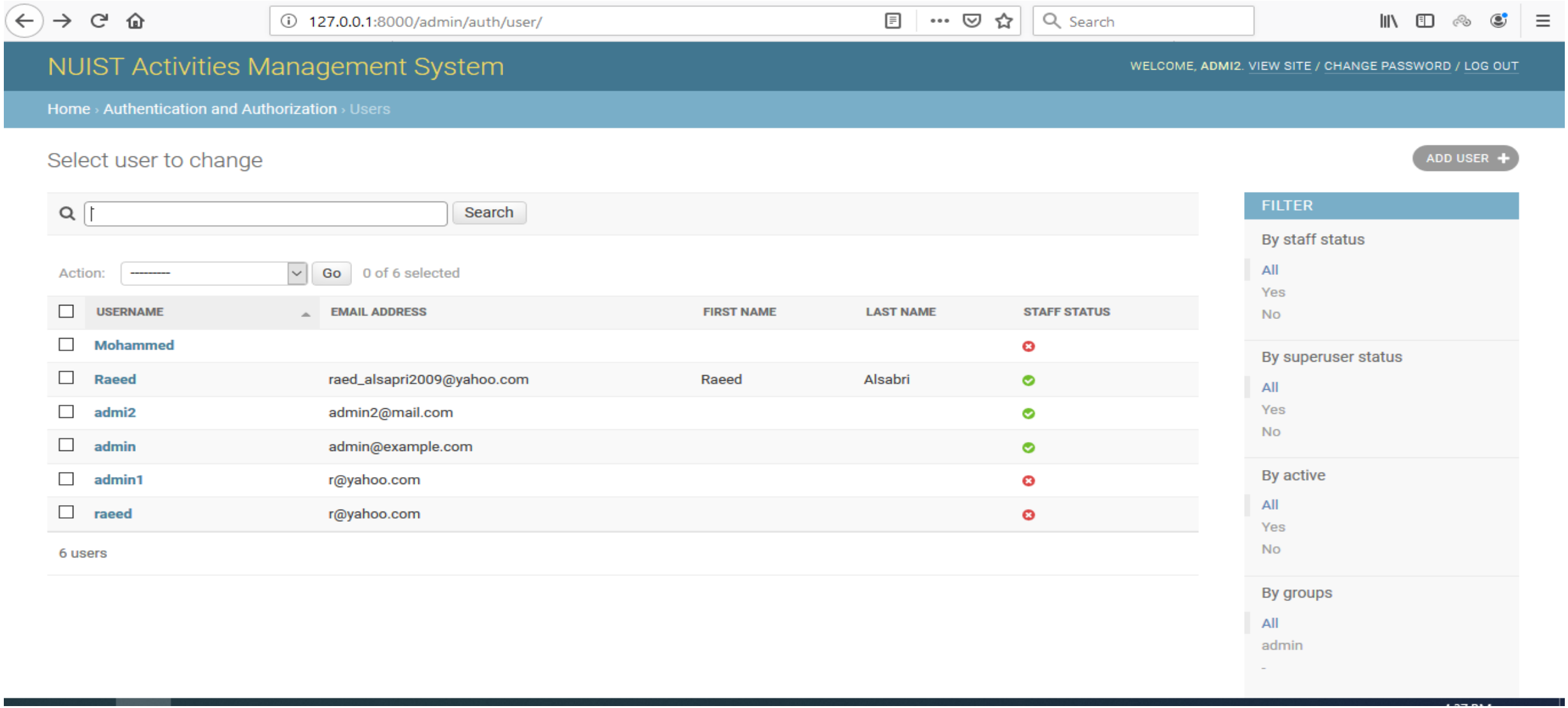
Managing the user's group



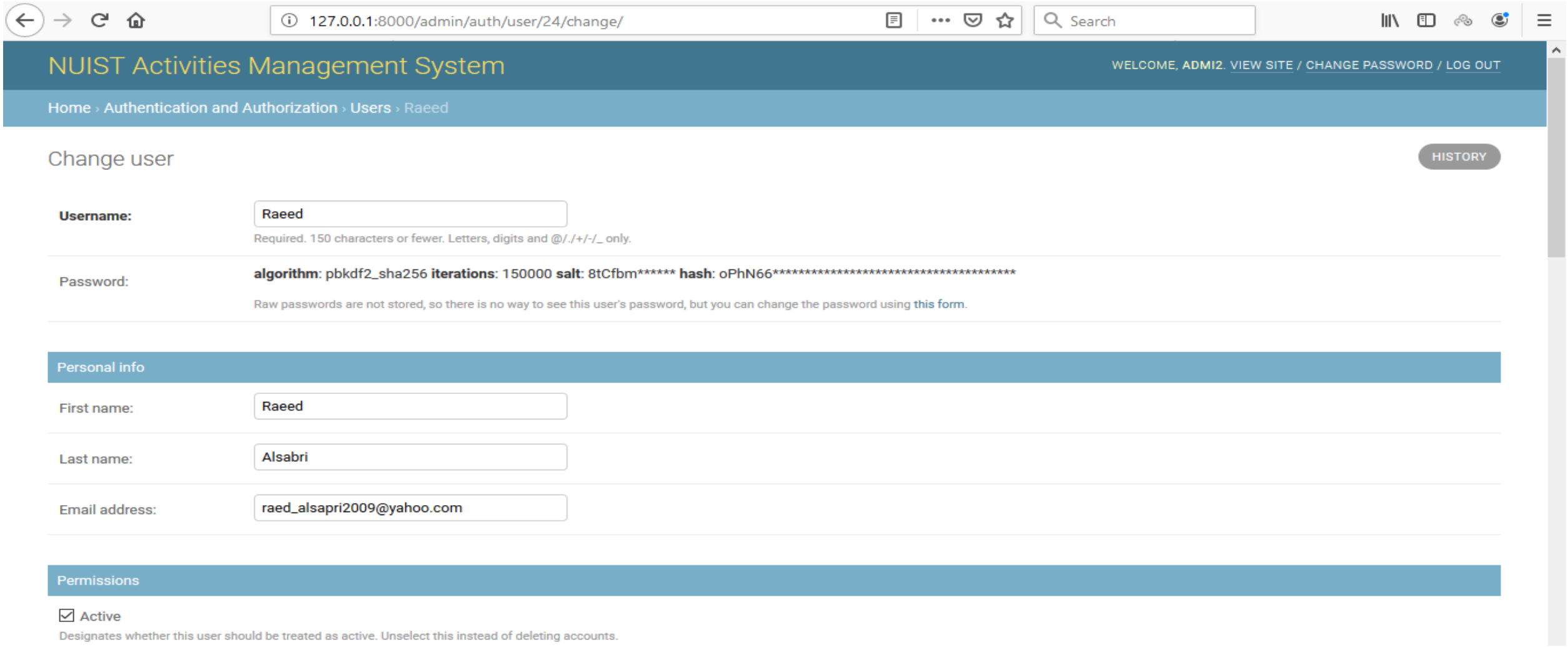
The history of each group



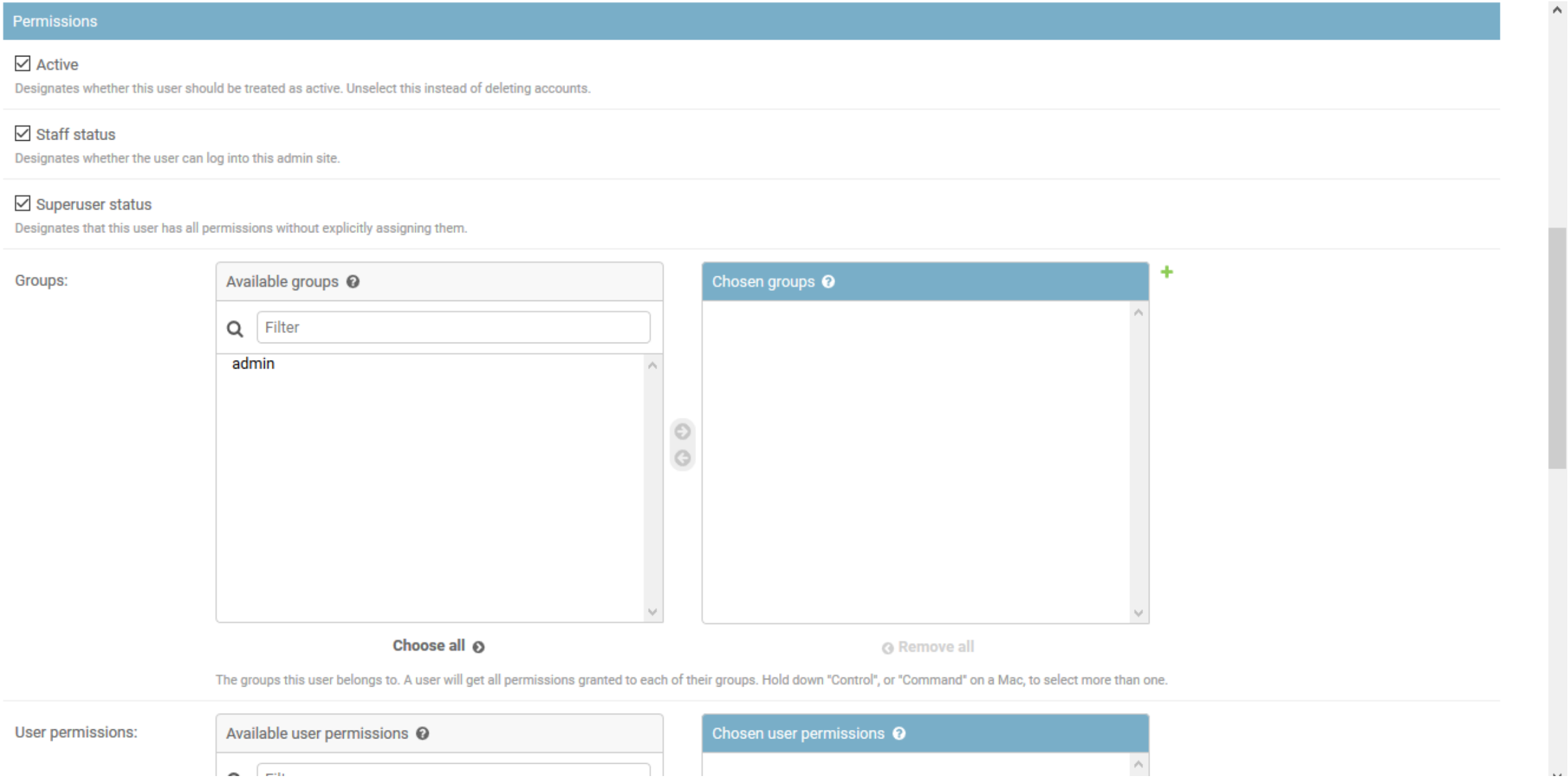
User’s Mangement



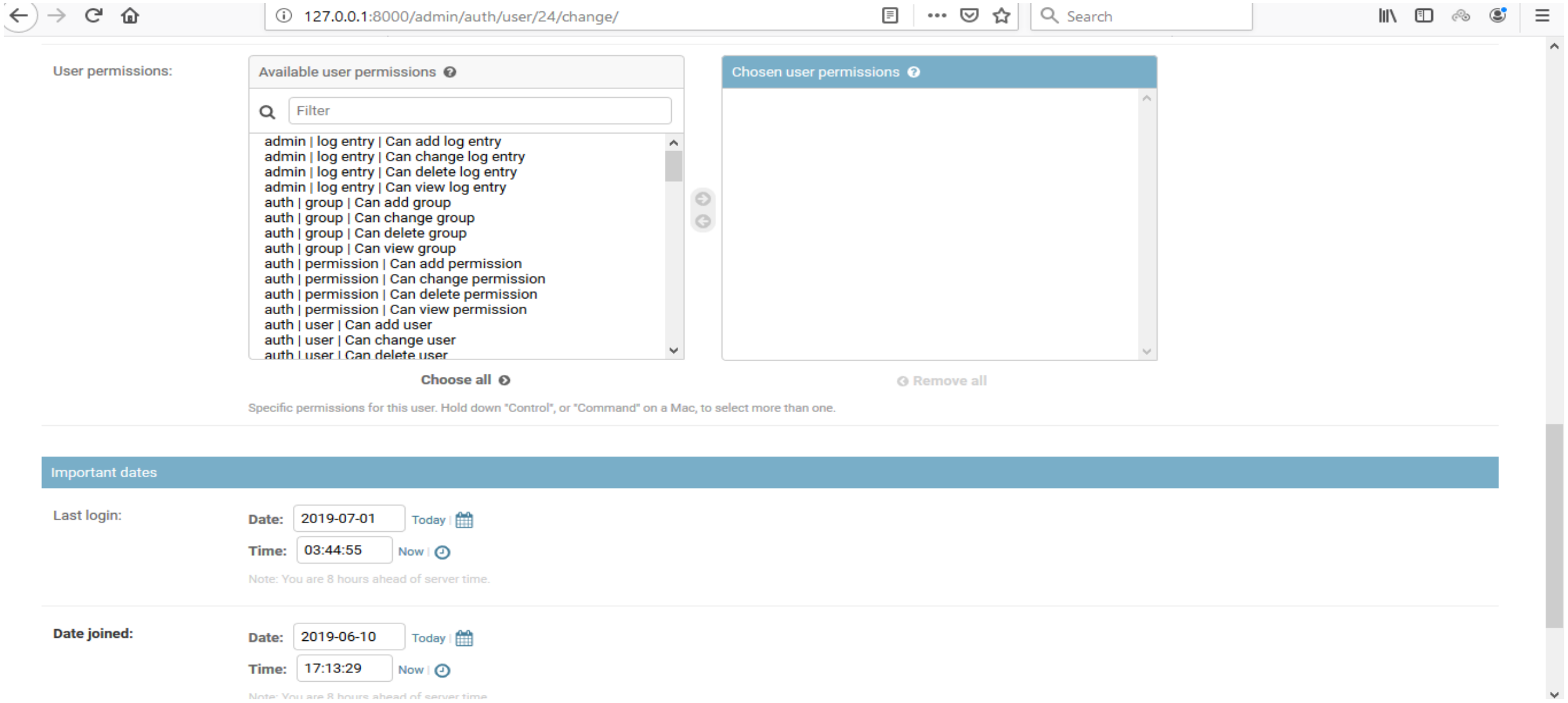
Create user


127.0.0.1:8000/admin/auth/user/24/change/
Search
NUIST Activities Management System
WELCOME, ADMI2. VIEW SITE / CHANGE PASSWORD / LOG OUT
Home › Authentication and Authorization › Users › Raeed
Change user
HISTORY
Username:
Raeed
Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.
Password:
algorithm: pbkdf2_sha256 iterations: 150000 salt: 8tCfbm****** hash: oPhN66**********
Raw passwords are not stored, so there is no way to see this user's password, but you can change the password using this form.
Personal info
First name:
Raeed
Last name:
Alsabri
Email address:
raed_alsapri2009@yahoo.com
Permissions
Active
Designates whether this user should be treated as active. Unselect this instead of deleting accounts.

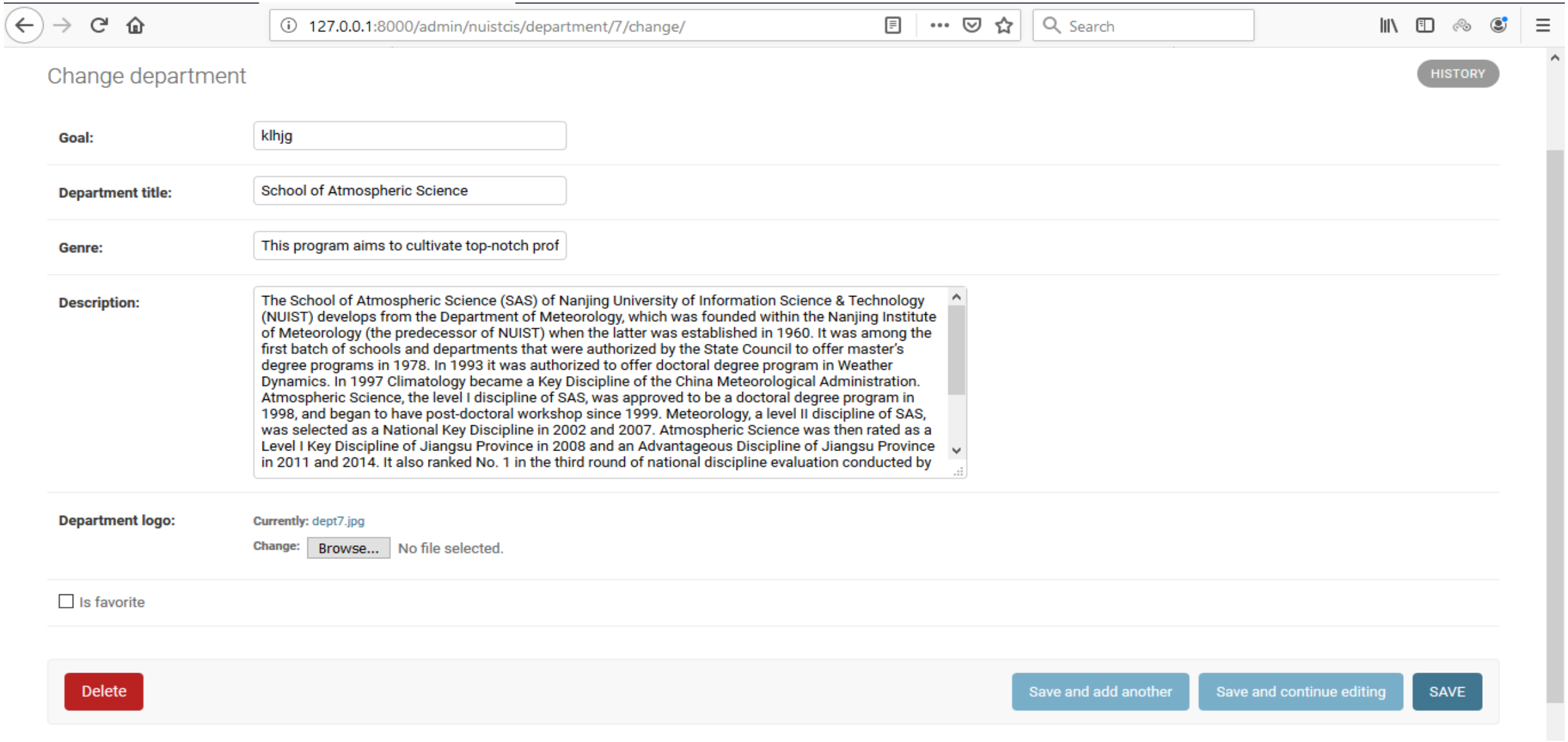
User’s Permission



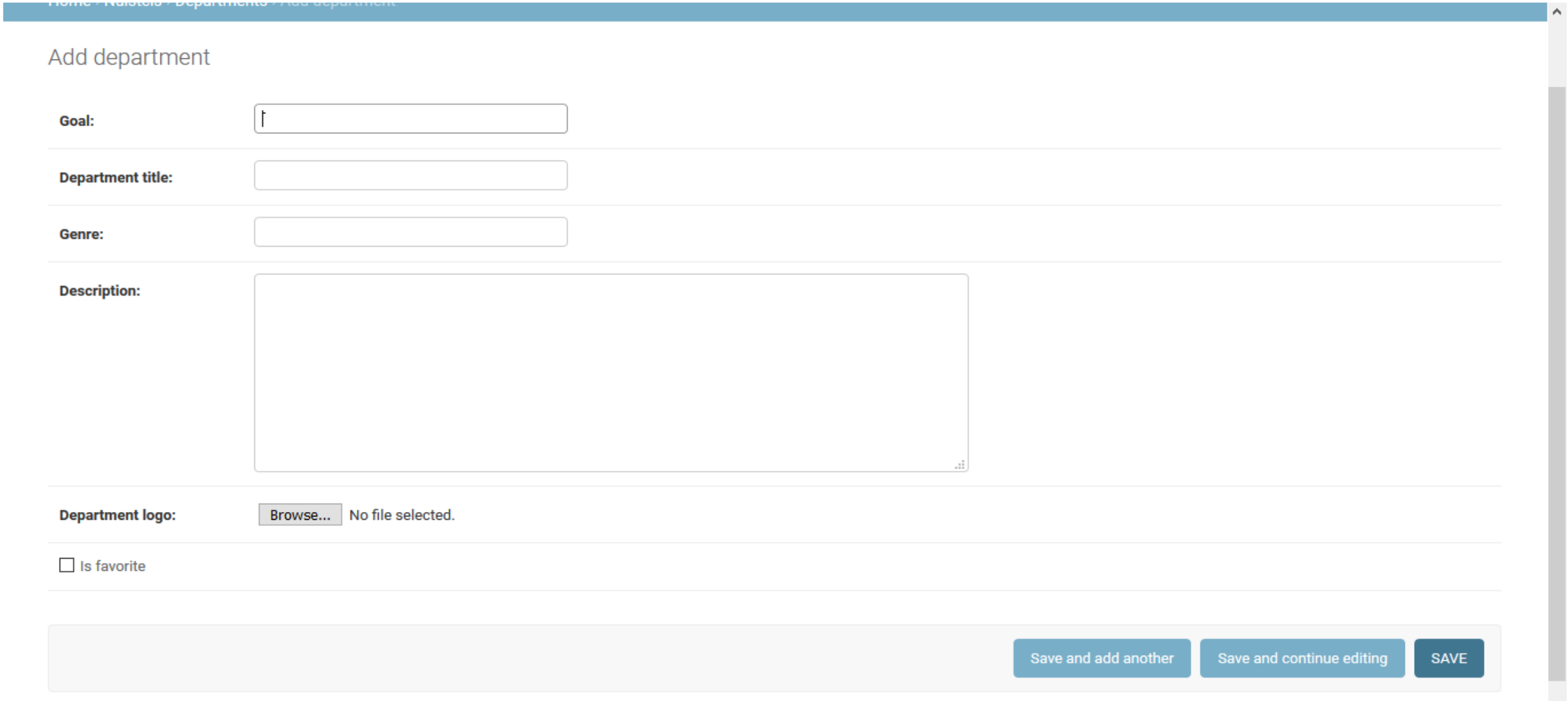
User's Permission



A sample of Changing Department



Creating New Department



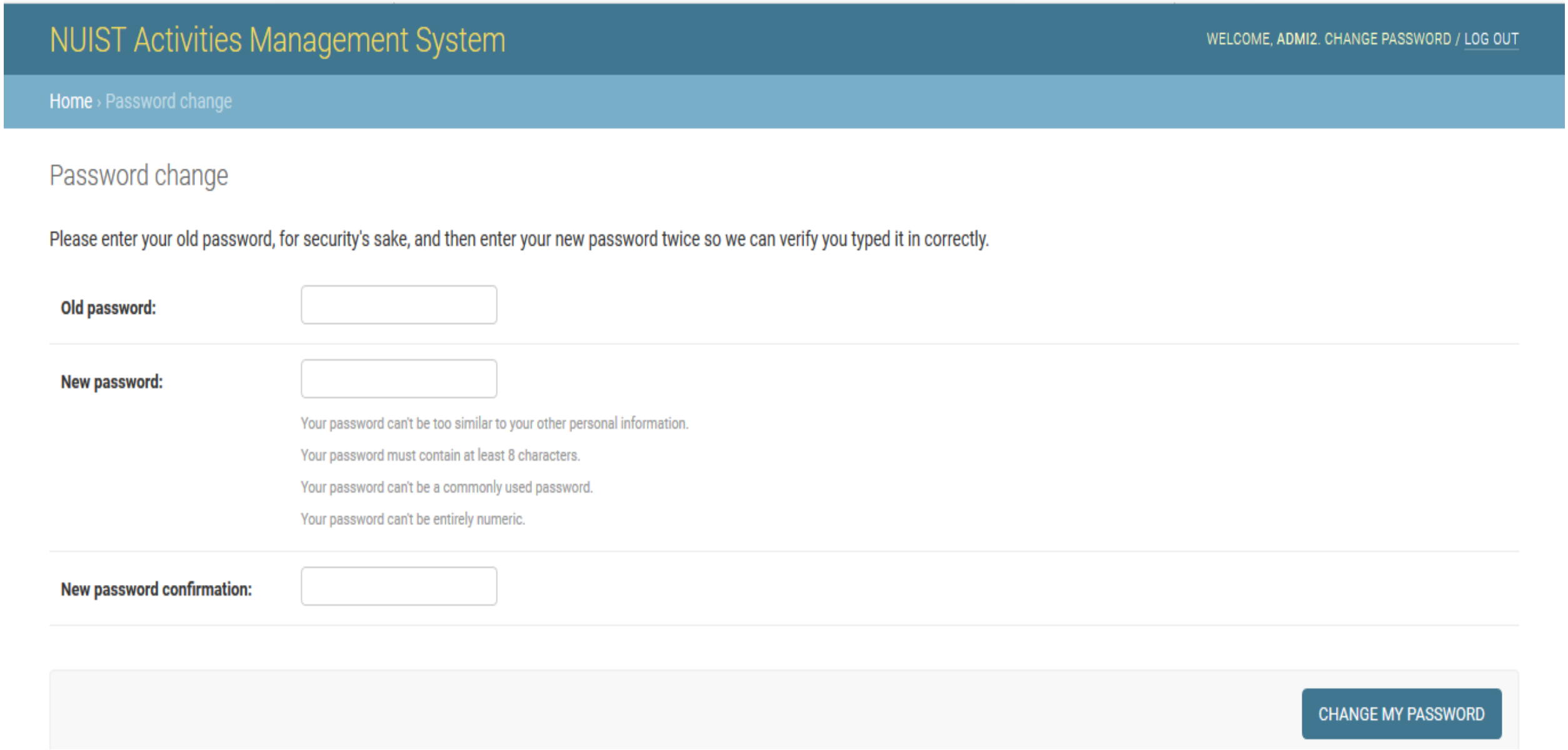
Adding Program

The History of the program

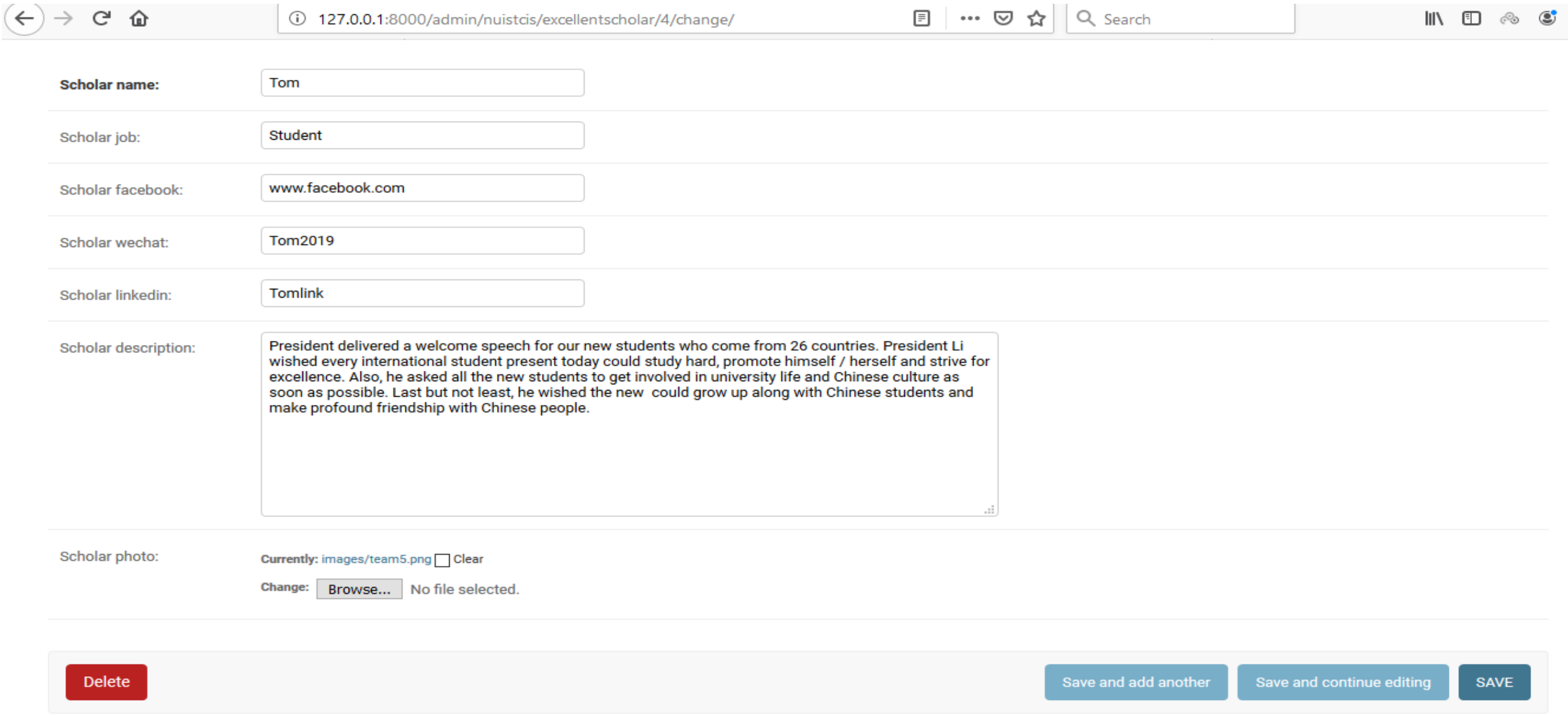
Notice:

- Every Item or object in our website has the following function as we showed for the program:
- Creating new item.
- Update item data.
- Remove item.
- History of the item for security.
- The usability such as while creating item can stay in the same page and add the new one.
- The relationship in the database is considered.

Update Password

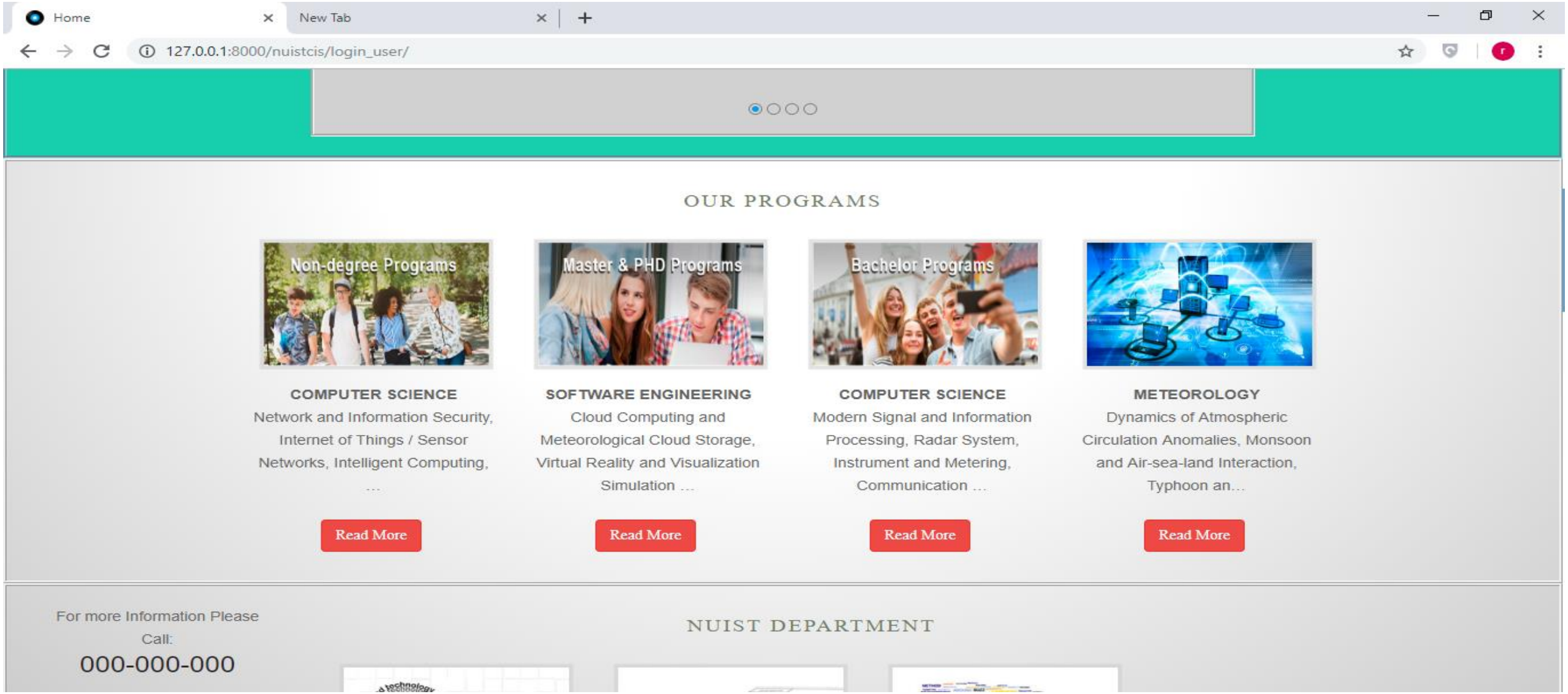


Update the Scholar Data

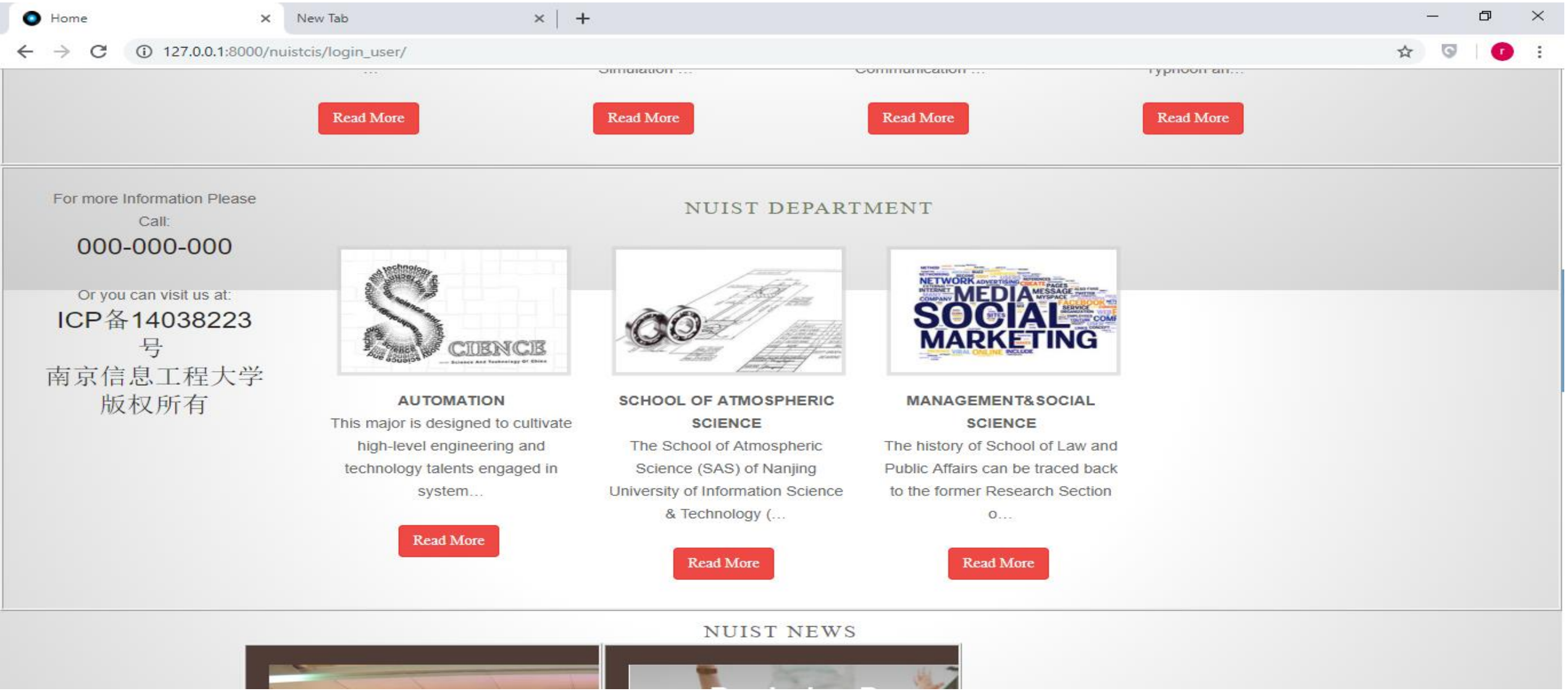


The index Page showing the news in slider

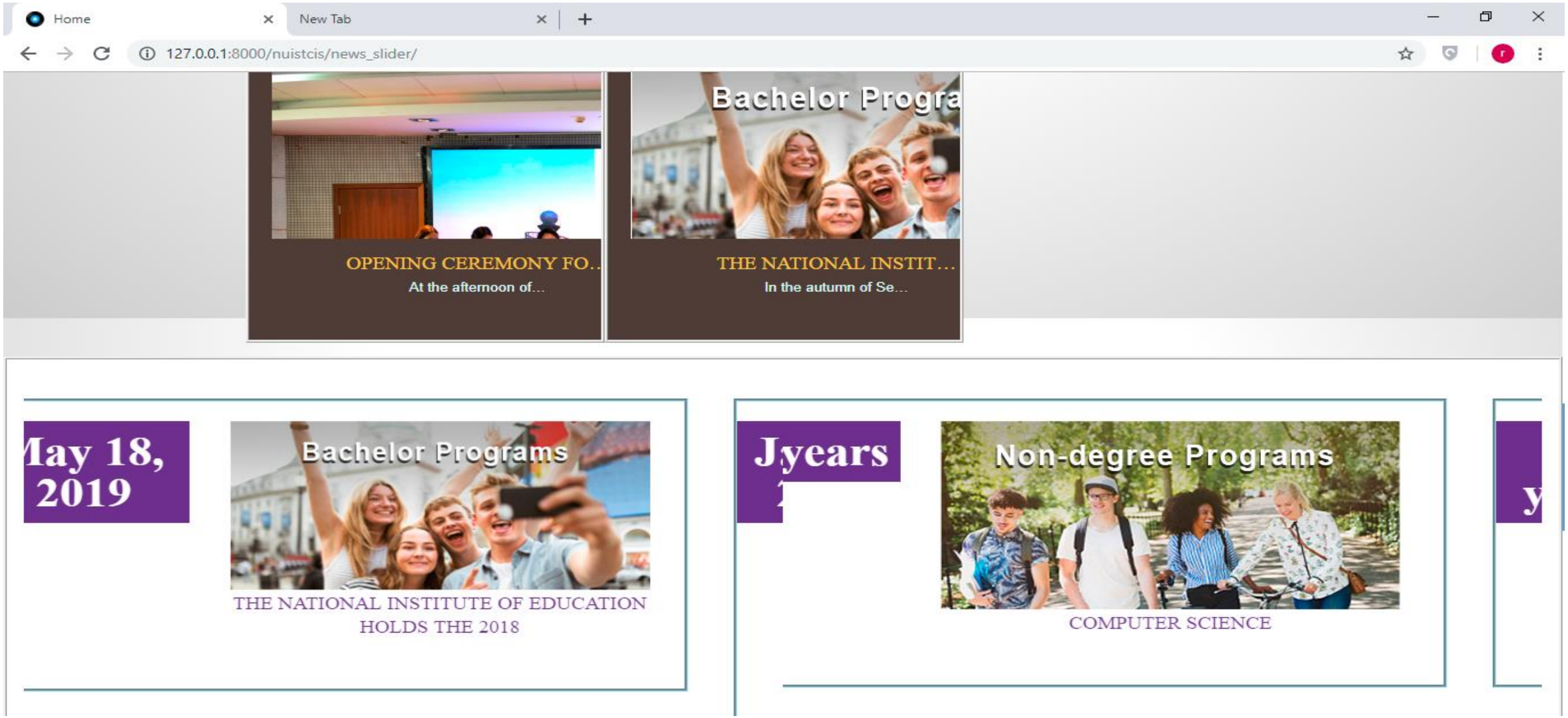
Cont., index Page showing the programs



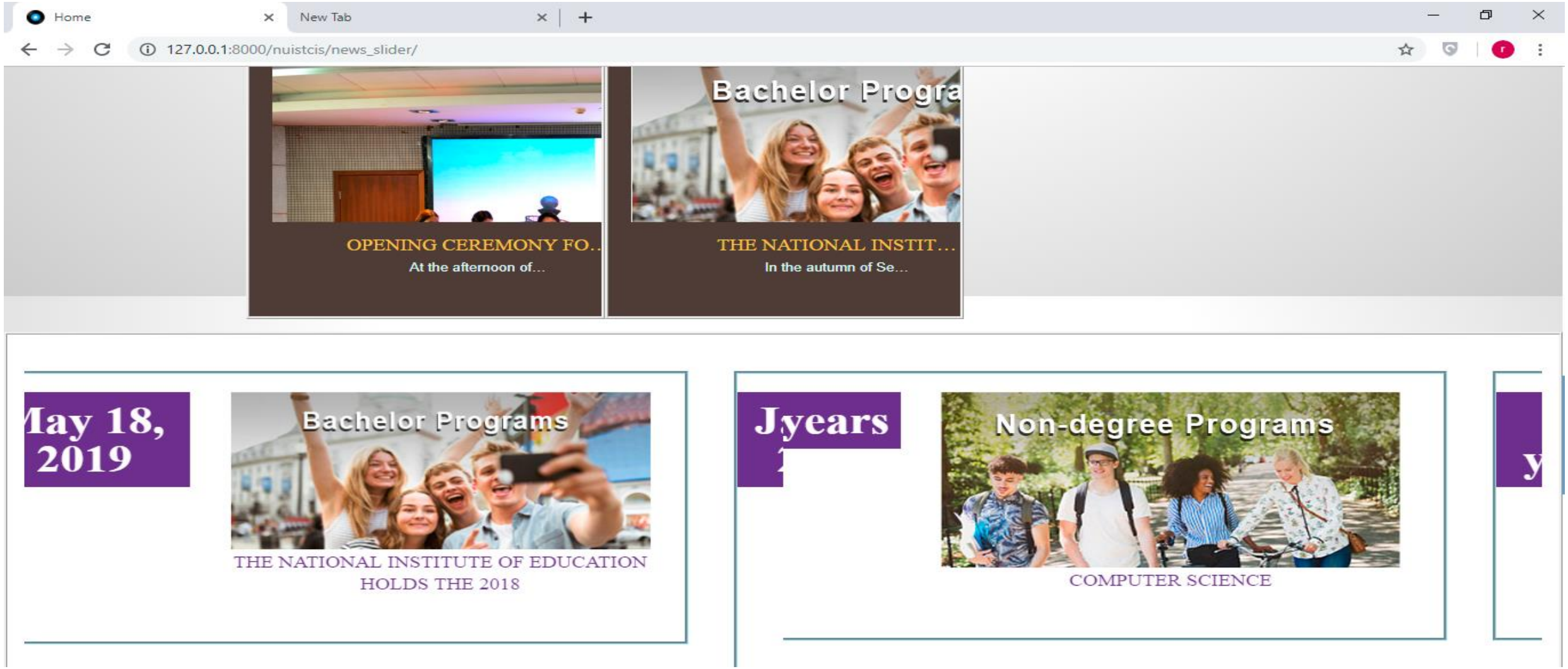
Cont.，index Page showing the department



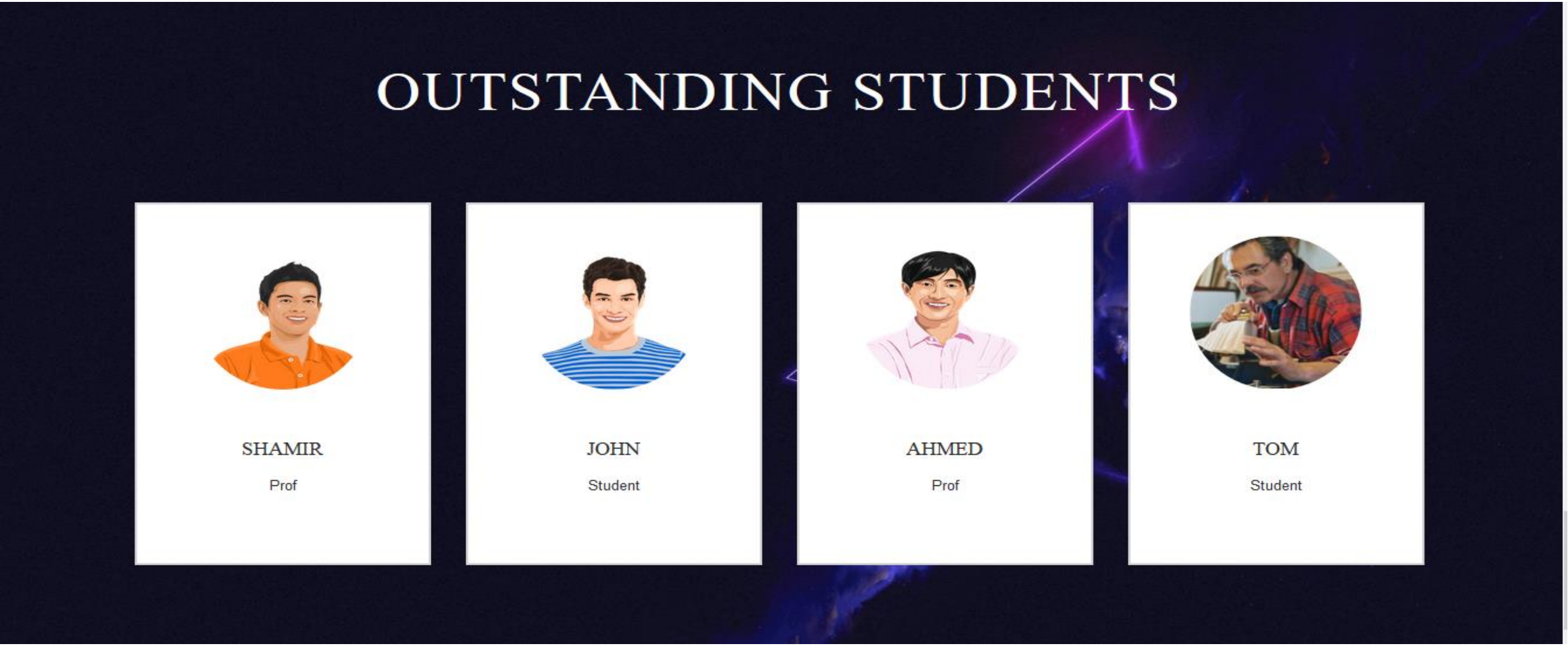
Cont., index Page showing the news in the up



Cont., index Page showing the activities in movement slider in buttom



Cont., index Page showing the outstanding student



Display the departments

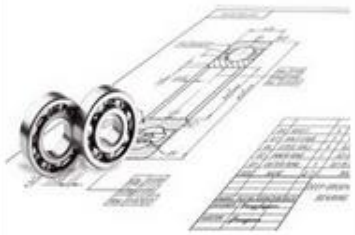
南京信息工程大学 国际教育学院
Nanjing University of Information Science & Technology

Home | About Us | Programs | Department Details | Schools | News | Activities | Departments

NUIST's Departments

AUTOMATION

View Details



SCHOOL OF ATMOSPHERIC SCIENCE

View Details

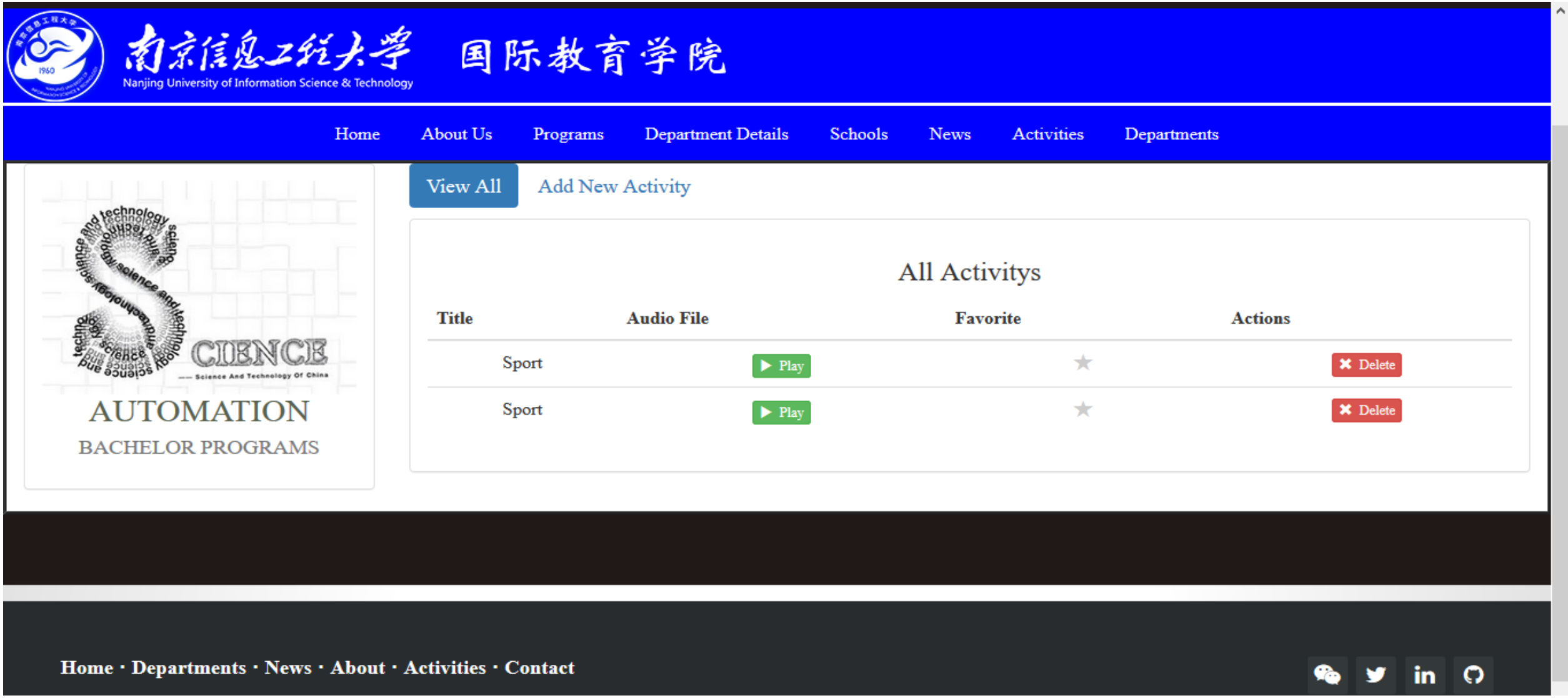
MANAGEMENT&SOC SCIENCE

View Details

MEASUREMENT AND CONTROL TECHNOLOGY AND INSTRUMENT

View Details

Display the activities for each department note: here we used the audio



Desplaying the programs with toggling

The program when toggling

南京信息工程大学 国际教育学院
Nanjing University of Information Science & Technology

Home | About Us | Programs | Department Details | Schools | News | Activities | Departments

Toggle Menu

Program Name	Research Directions	Intake	Duration	Language	Tuition Fee
Computer Science	Network and Information Security, Internet of Things / Sensor Networks, Intelligent Computing, Image Processing	Autim	4	English	20000
Software Engineering	Cloud Computing and Meteorological Cloud Storage, Virtual Reality and Visualization Simulation Technology, Smart Computing Software Technologies, Software Development Environment and Middleware Technology	Autum	2	English	25000
Mathematics	Algebra and Number Theory, Theory and Application of Differential Equations, Functional Analysis and Related Theories, Numerical Analysis and Theory of Computation, Applied Probability and Statistics, Data Assimilation and Optimal Control,	Autum	4	English	10000

The news with short description and link for details

南京信息工程大学 国际教育学院
Nanjing University of Information Science & Technology

Home | About Us | Programs | Department Details | Schools | News | Activities | Departments

Opening Ceremony for 2018 Master of Meteorology mnvhvj

Raeed

At the afternoon of September 27,the Opening Ceremony for 2018 Master of Meteorology of the Ministry of Commerce was held in Reading Academy Building Hall. Professor Li Beiqun, President of Nanjing University of Information Science & Technology, attended the ceremony along with other directors from other departments and schools of NUIST. The ceremony was hosted by Professor Ma Tinghuai, Dean of College of International Students. President Li Beiqun delivered a welcome speech for our new students who come from 26 countries. President Li wished every international student present today could study hard, promote himself / herself and strive for excellence. Also, he asked all the new students to get involved in university life and Chinese culture as soon as possible. Last but not least, he wished the new could grow up along with Chinese students and make profound friendship with Chinese people. Professor Li Jianbo, dean of College of Liberal Arts, paraphrase the university motto from four aspects. Later, student representative Ms. SOMSES SIEGLINDE shared her experience with new students. Then new student representative Mr. SALAH MOHAMMAD TAYSEER ABDEL RAHMAN expressed his thanks for Chinese government and also for NUIST.

Jan. 1, 2019

The National Institute of Education holds the 2018

International Education Institute

In the autumn of September, Dangui is fragrant. In order to make our 2018 students adapt to school life as soon as possible, on the afternoon of September 28th, the Institute of International Education held the 2018 International Student Enrollment Education Conference in the Hall of Meteorological Building. Ma Tinghuai, Dean of the School of International Education, Chen Xiangqin, Director of the Security Department, Zhang Guanglei, Vice President of the School of International Education, Yang Liqian, Deputy Chief of the Exit and Entry Administration Detachment of the Nanjing Public Security Bureau, and Deputy Chief of the Exit and Entry Administration Brigade of the Jiangbei New District Public Security Bureau of Nanjing Cao Yanrong, the police officer of the Jiangbei New District Public Security Bureau of Nanjing, the counselors and teachers of the International Students Office and the 2018 students participated in the entrance education conference. First of all, Dean Ma Tinghuai of the Institute of International Education , on behalf of the school, welcomed the new students from all over the world. He pointed out that this year our school recruited from the world's 60 Co countries nearly 500 freshmen, hope students who learn to understand Chinese

Schools with details

Home About Us Programs Department Details Schools News Activities Departments

Schools

Computer Science

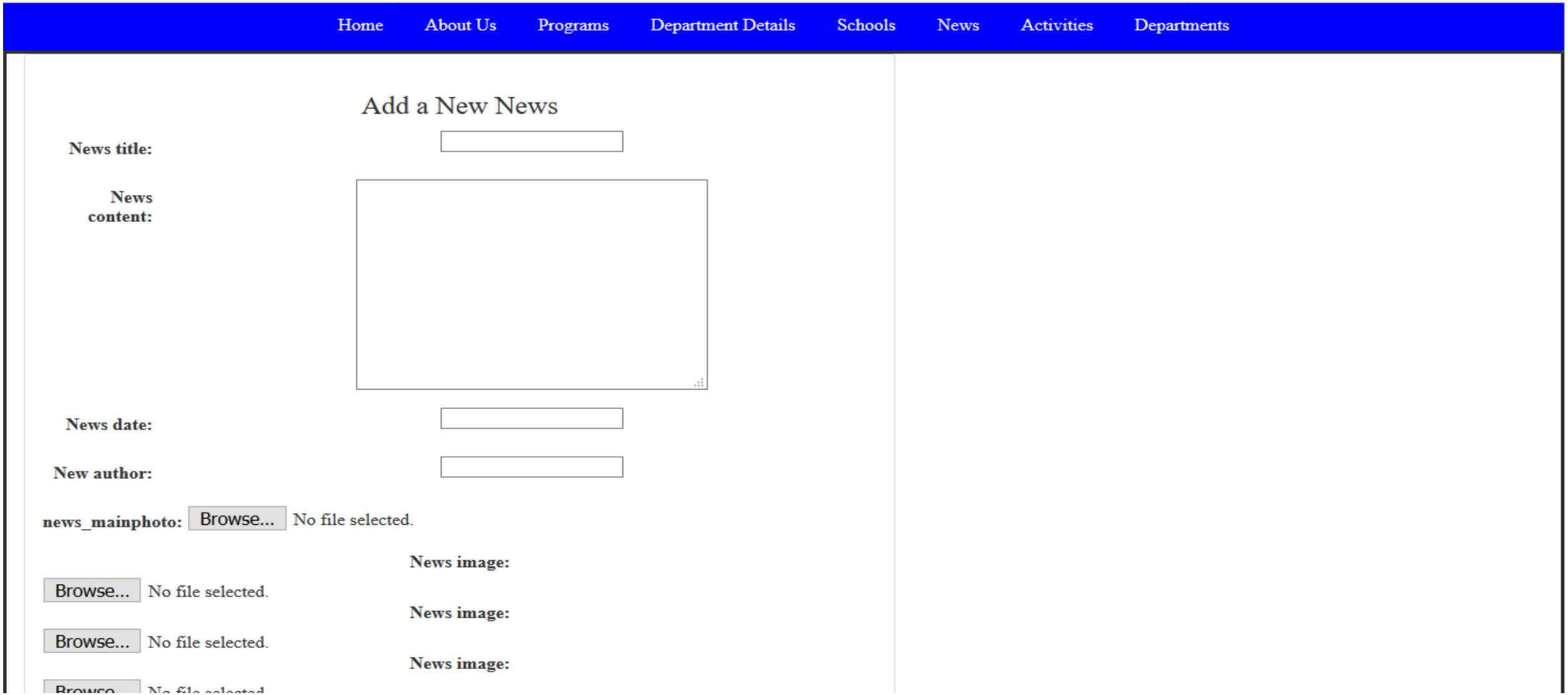
Toggle Menu

Computer Science

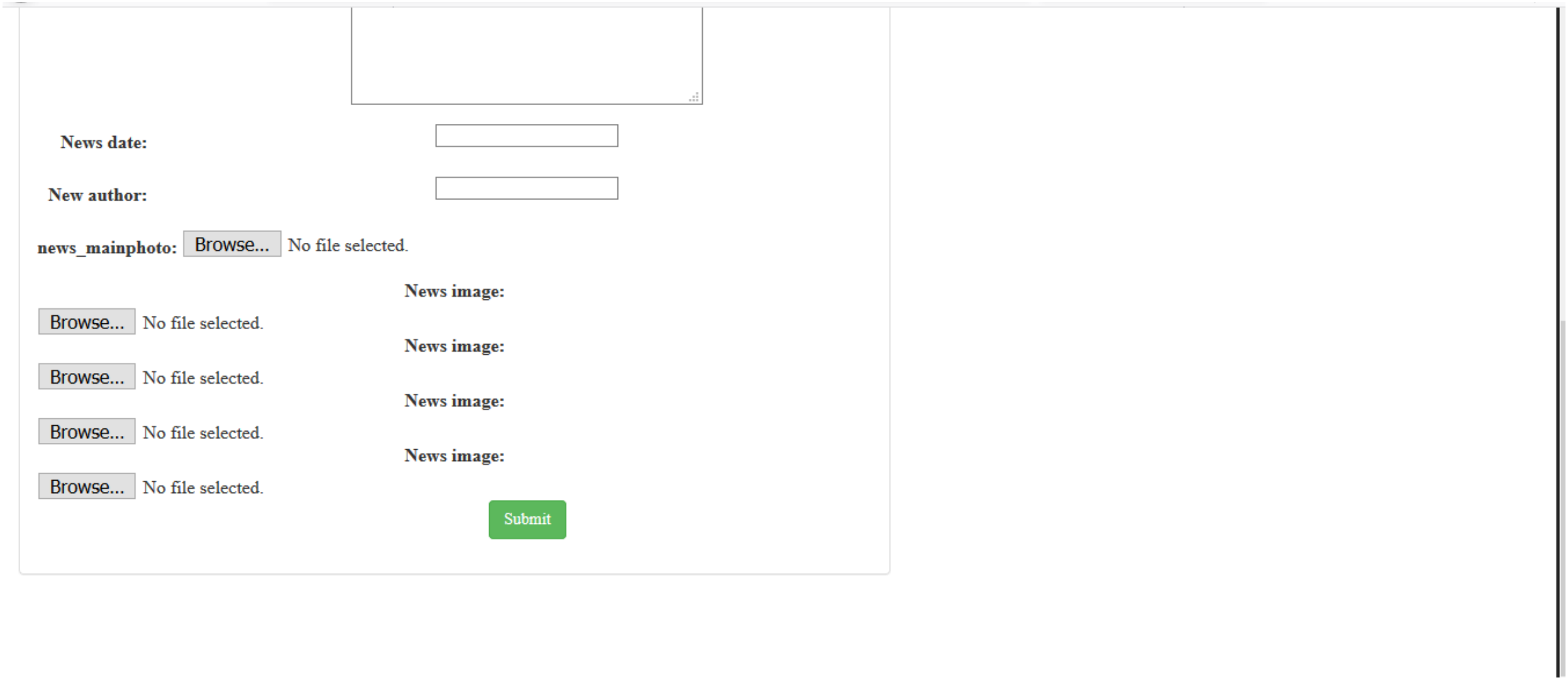
The School of Electronics and Information Engineering can be traced back to the Electronic Teaching and Research Section of the Atmospheric Exploration Department, which was established in 1972. After years of construction and development, in 2006, four related professional groups of the former Department of Information and Communication and the former Department of Electronic Engineering were established into the School of Electronics and Information Engineering. In 2011 , the "Sensor Network and Meteorological Equipment" represented by the College was selected as the first batch of advantageous disciplines in Jiangsu Province. In 2014, the "Information and Communication Engineering" discipline was selected for the second phase of Jiangsu Province's dominant discipline construction. In 2015, "Electronic Information Engineering" The profession was selected into the first batch of brand professional construction in Jiangsu Province.

Adding new department by the user if he has permisstion

Also adding news with multiple photos

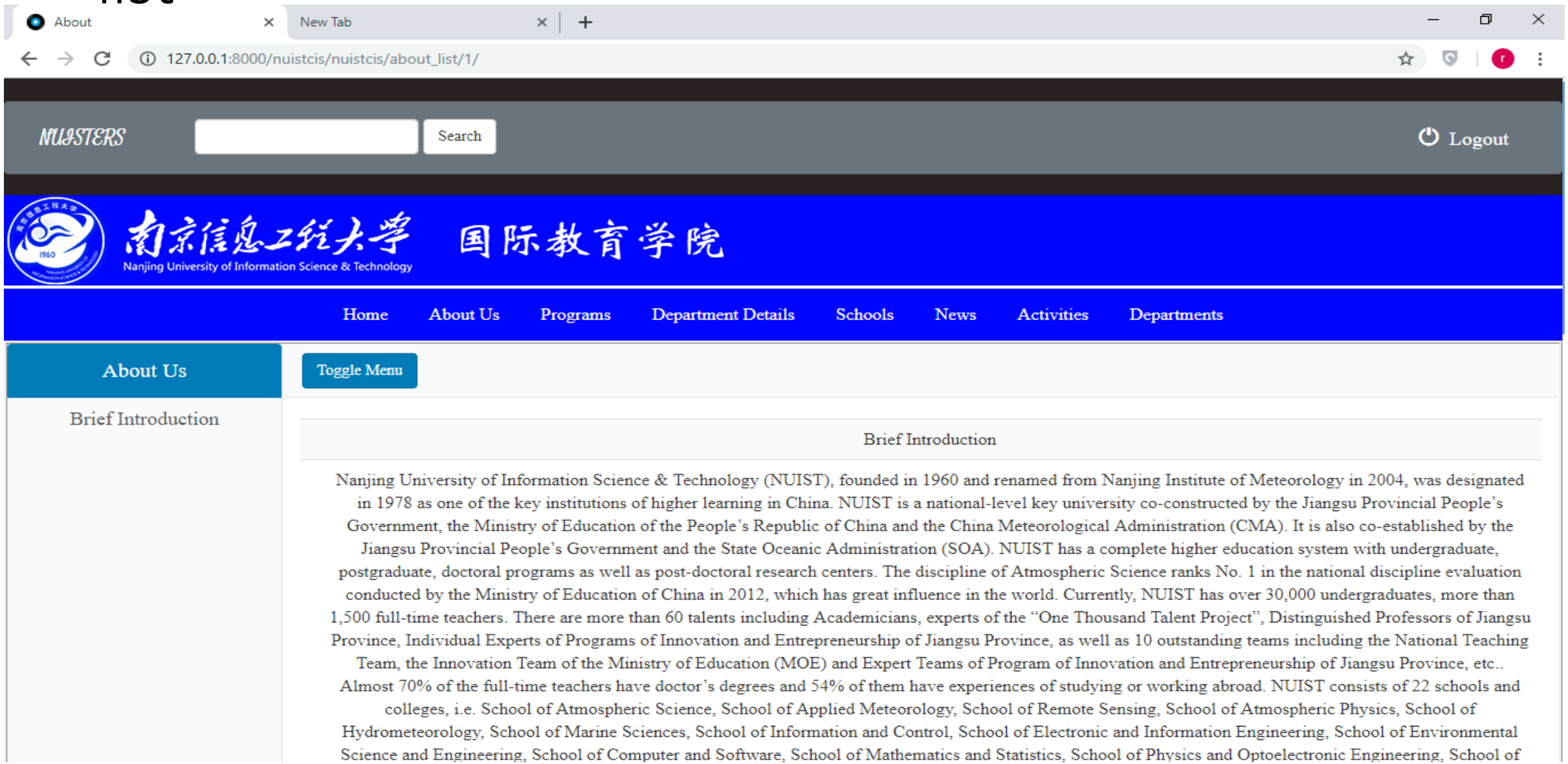


Also adding news with multiple photos



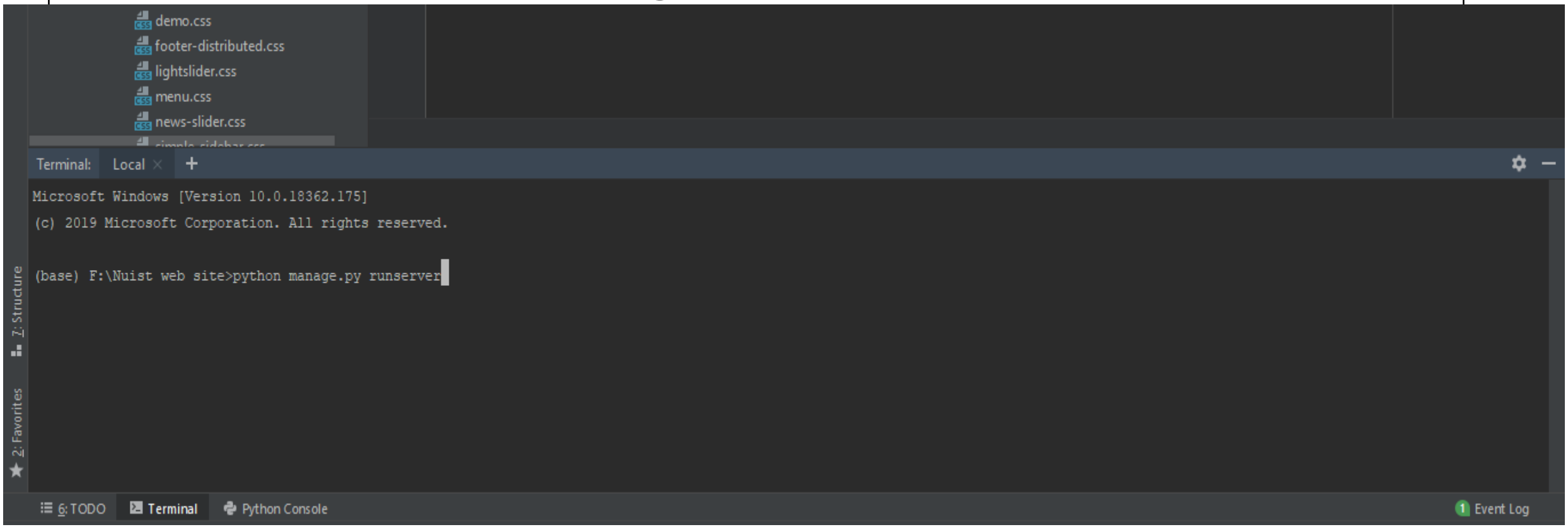
Searching in our project

Information that university wants to show in this list



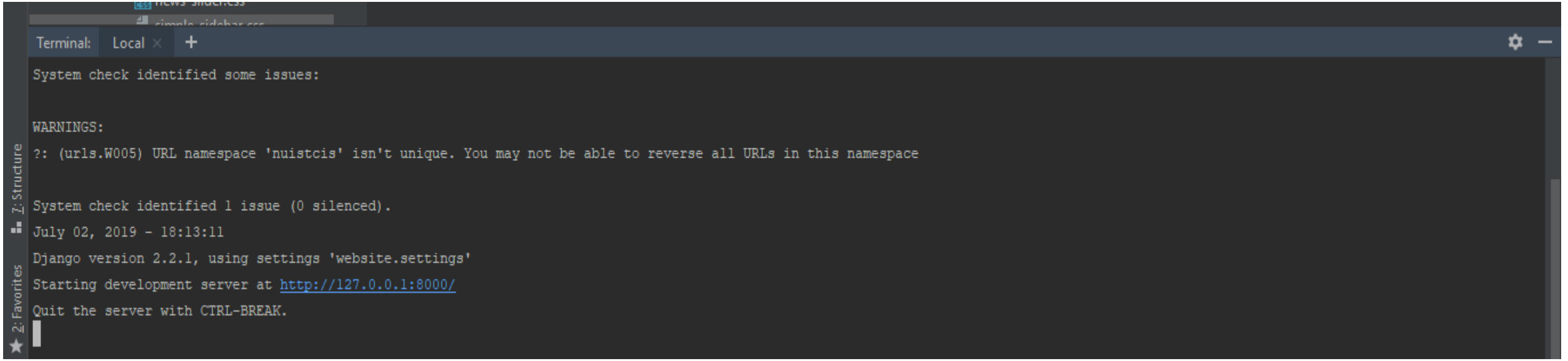
How to run the project

- After opening the project by Pycharm. Go to the terminal and write the following command:



How to run the project

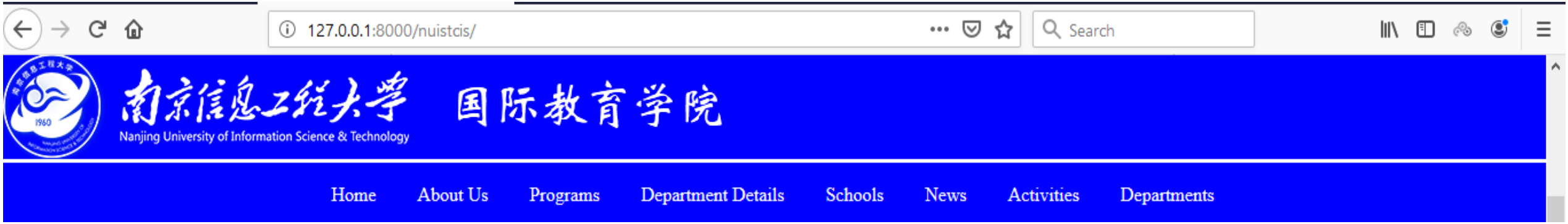
After that the server would be created and shown the url:



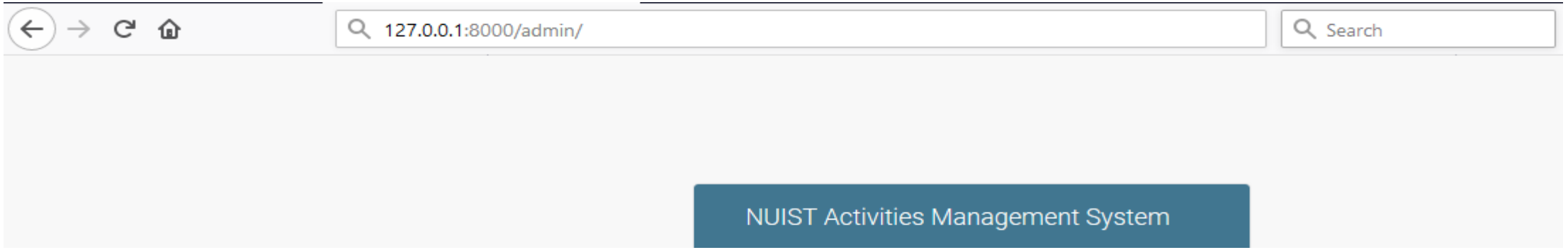
Go to the browser and put the ip shown above followed by the name of our app because Django project has application.

How to run the project

To login the to the ordinary user write



To login as admin :



How to run the project

To login the to the ordinary user and Admin write :

User Name : RaeedA

Password : !ab@1234

Conclusion Future works

- Notes :
  - The ppt does not contain the all features of our website because we can not make screen shot for every page.
- The future work is to make a dynamic themes for the website that can be chosen by the user which I have done 70% of the work.
- By using python and Django we create great website and templates that can be work with any institution such as our project we can use to another purpose.
- Finally, I would like to take this opportunity to thank you for your great help. I learned many new techniques for web programming in addition to the programming by using python.

1960
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INFORMATION SCIENCE & TECHNOLOGY

Thank you!!