

TOPIC MANAGEMENT SYSTEM

INSTRUCTION MANUAL

FOR STUDENTS

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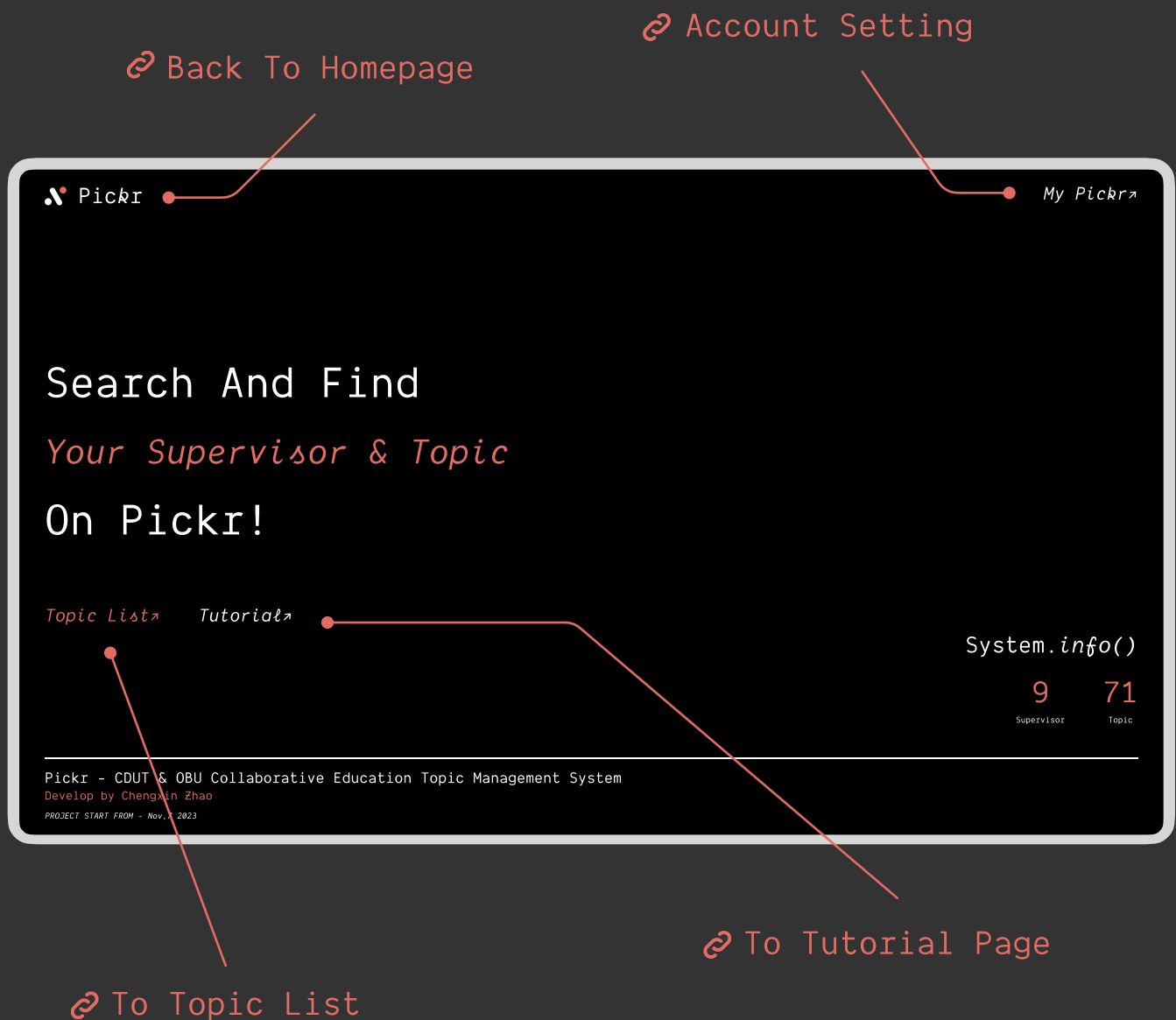
01 OVER VIEW OF SYSTEM

ABOUT PICKR

Pickr is an intelligent course selection system designed to provide a convenient and efficient course selection experience for senior students and supervisors at Chengdu University of Technology - Oxford Brooks College.

HOMEPAGE

The homepage is the entrance for all features in Pickr.



ACCOUNT

Pickr will generate an account for each user, and you can start using it without registering. Click "*My Pickr*" in the top right corner of the webpage to log in or view your account operations.

User Name : your student ID number

Default Password : 123456

Welcome to Pickr

The user name & password is as same as your student website

User name

Password

Login


PERSONAL PAGE

On the personal page, you can enroll in courses and view your course selection results. You can also change your password here.

Please change your default password at the first time when you accessing in your account.

 Logout

 Change Default Password



The screenshot shows a web interface for 'Pickr'. At the top left is the 'Pickr' logo. At the top right is the text 'My Pickr'. Below the logo, it says 'Hi, Wang Xiaoming!'. There are two links: 'Logout' and 'Change Password'. Below these links is a message: 'In this page, you can full the application form and check your topic apply result.' Below this is a large grey box titled 'Topic Application Form'. Inside this box, there is a section for 'custom topic' with a note: 'Please note that the custom topic needs to be reviewed by the manager, and your supervisor may be modified.' Below this note are three sections: 'Choose 1', 'Choose 2', and 'Choose 3'. Each section has a 'Topic ID' input field and a 'Save' button. At the bottom of the grey box is a button that says 'All deadlines have passed'.

Application Section

02 TOPIC SYSTEM

TOPIC LIST

You can access to topic list by clicking [“Topic List”](#) in the homepage.

Supervisor Name

Topic Type

Web-Based Map

By Clivia Li

Deep Learning

1 Positions (4 other candidates)

Traditional methods of intrusion detection and deep packet inspection, while still largely used and recommended, are no longer sufficient to meet the demands of growing security threats. As computing power increases and cost drops, Machine Learning is seen as an alternative method or an additional mechanism to defend against malwares, botnets, and other attacks. In this research, researcher have to analyze the existing system and design a new intrusion detection system using machine learning alg...

Topic Positions & Other
Candidate Number

Topic Description

* Other candidate number means: How many other students like this topic and saved it in their application form.

03 SUPERVISOR'S TOPIC

SELECT YOUR TOPIC

After you click the topic section in topic list page the system will jump to the detail page of your chosen topic.

This page can inform you more information and you can click "Copy Topic ID & Apply" the system will copy the topic ID and jump to your personal page(if login).

Pickr

My Pickr

Web-Based Online Student Center

Basic info

Tutor

Clivia Li

Type

Application Design

Position

2 (3 other candidates)

Topic ID

PK0001

Topic Describe

Traditional methods of intrusion detection and deep packet inspection, while still largely used and recommended, are no longer sufficient to meet the demands of growing security threats. As computing power increases and cost drops, Machine Learning is seen as an alternative method or an additional mechanism to defend against malwares, botnets, and other attacks. In this research, researcher have to analyze the existing system and design a new intrusion detection system using machine learning algorithm that solve the drawbacks of the exiting problems.

Required Skills

Python, SQL, NLP Libraries, TensorFlow or PyTorch, LSTM, CNN, or Transformers (e.g., BERT, GPT-3)

References

S. Sharma, A. Jain, B. Ramola, R. B. M. Al-Taei and M. B. Alazzam, "Implementation of Natural Language Processing for sentiment Analysis," 2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE), Greater Noida, India, 2023, pp. 299-302, doi: 10.1109/ICACITE57410.2023.10182452.

Copy Topic ID & Apply

Copy & Jump

SAVE YOUR TOPIC

If you decide to apply supervisor's topic(Topics in the topic list),you can use topic id to fill the “*Topic Application Form*” without select *checkbox*.

The screenshot shows a web interface for 'Pickr'. At the top left is the 'Pickr' logo, and at the top right is a link 'My Pickr'. Below the logo, it says 'Hi, Wang Xiaoming!' with links for 'Logout' and 'Change Password'. A message states: 'In this page, you can full the application form and check your topic apply result.' Below this, a note says: 'Topic selection needs to be filled in the box and verified to be saved. Please upload the form at the designated submission time. The order of topic selection is determined by the time of submission.'

Topic Application Form

■ custom topic

Please note that the custom topic needs to be reviewed by the manager, and your supervisor may be modified.

Choose 1
Topic ID: Save

Choose 2
Topic ID: Save

Choose 3
Topic ID: Save

All deadlines have passed

Pickr - CDUT & OBU Collaborative Education Topic Management System
Develop by Chengxin Zhao
PROJECT STAR FROM - Nov.7 2023

You have three quota to apply topics which you prefer.

* Please pay attention to the order of filling out the form. If your first application is successful, the subsequent second and third applications will not be considered. Please fill out the form in your desired order.

After filling in the "Topic ID" in each box, click the "Save" button to save your selection. If you see the name of the topic you chose successfully displayed in the checkbox, it means that you have successfully saved this topic. You can click the "Reset" button to reset your selection.

Please note that if you find that you are unable to save, it may be due to one of the following reasons:

1. Invalid Topic ID.
2. The topic has already been fully selected.
3. You have selected the same topic multiple times.

04 CUSTOM TOPIC

CREATE YOUR TOPIC

You can also create your own “Custom Topic” by checking the *check box*.

Pickr

My Pickr

Hi, Wang Xiaoming!

[Logout](#) [Change Password](#)

In this page, you can full the application form and check your topic apply result.

Topic selection needs to be filled in the box and verified to be saved. Please upload the form at the designated submission time. The order of topic selection is determined by the time of submission.

Topic Application Form

☒ custom topic

Please note that the custom topic needs to be reviewed by the manager, and your supervisor may be modified.

Topic Name

Supervisor

Select one...

Type

Select one...

Description

Save

All deadlines have passed

Pickr - CDUT & OBU Collaborative Education Topic Management System
Develop by Chengxin Zhao
PROJECT START FROM - Nov,7 2023

Then you can create your own topic.


* The custom topic needs to be reviewed by the manager, and your supervisor may be modified.

05

SUBMIT SELECTION

DEADLINE SYSTEM

In the tutorial page, you can find the deadline decided by the system manager.

 Pickr My Pickr

Topic Apply for 2024

Please carefully read the tutorial page and follow the appropriate steps to complete your application when applying for access.

This year, we have 2 round to apply the topic, please follow the timeline below:

Round I

- ◇ Submit application 2024-01-08 12:00
- ◇ Result announce 2024-01-09 12:00

Round II

- ◇ Submit application 2024-1-10 10:30
- ◇ Result announce 2024-1-11 12:00

Apply Process

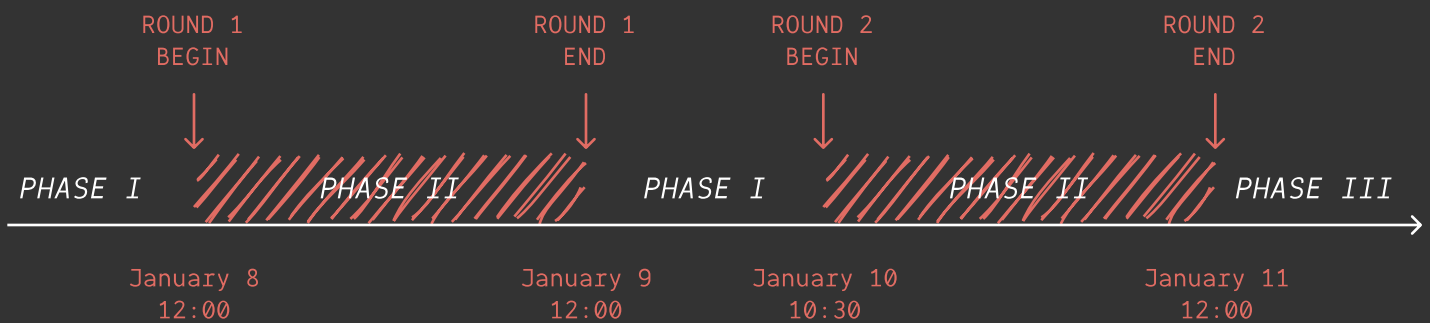
Each student can choose three topics and ranks by the order of priority. If their first choice is approved, the following two choices will be nullified, and so on. The submissions of students will be considered by the order of submission time, namely, selections submitted earlier will be considered before those submitted latter. If none of the three choices are available, the student needs to resubmit in the second phase. Project managers can also modify the topic and supervisor choose of students.

About Custom Topic

Students can create their own custom topic, please note that the custom topic needs to be reviewed by the manager, and your supervisor may be modified.

For example: In round 1, you can start submitting from January 8, 2024, at 12:00 and the submission period ends on January 9, 2024, at 12:00.

In round 2, you can start submitting from January 10, 2024, at 10:30 and the submission period ends on January 11, 2024, at 12:00.



* Please note that the above is just an example to help you understand, and the specific times will be set by the system Manager.

PHASE I

At this time, you cannot submit your selection. The submission page will display a countdown timer reminding you how much time is left until you can submit.

PHASE II

At this time, you need to submit your selection as fast as possible because the allocation of Topics is determined by the order of submission.

PHASE III

Unfortunately, you have missed all the opportunities to submit. Please contact the system manager.

06

CHECK RESULT

SUPERVISOR'S TOPIC

For those students who selected supervisor's topic: After submission, the system will assign you an advisor and Topic. Once the Manager notifies you, you can log in to your account to check. If you are successfully allocated an advisor and Topic, you can see the advisor's information on your personal homepage. If the system indicates that you have failed in this round of selection, please wait for the Manager's notification to make your next choice.

CUSTOM TOPIC

For those students who created their custom topic: Your custom topics will be reviewed by the manager and modified if necessary. When the Manager notifies you, please log in to the system to view the final results.



*DESIGN BY CHENGXIN ZHAO
2024*