Capstone Presentation

Feedback addressing

Team C

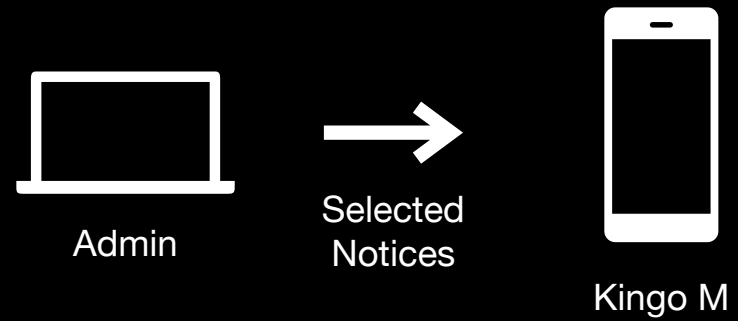To freshen up your memories, let me remind you what our service is.

Notiskku is a notification service that helps you never miss an opportunity.

Notiskku is a notification service that helps users never miss an opportunity.
Users of our service will receive push alarms on their phones about notifications they're subscribed to as they are posted.

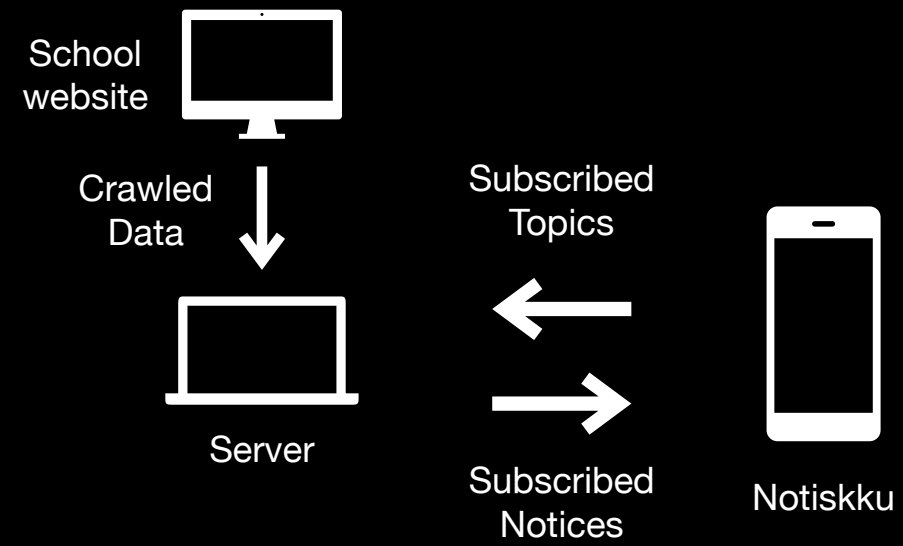Now, lets address some of the feedbacks that we got last week.

First of all, whats the difference between Kingo M and Notiskku?
Our service is fundamentally different from KingoM.
KingoM sends out announcements handpicked by administrators. This means that only selected notifications by the school are sent out to the users.

However, our service sends out push alarms to users about notifications that they're subscribed to.

System Architecture

By looking at the system architecture, we can see that the server crawls websites periodically, and handles all the logic to send out notifications. There are no admins involved.
So to summarize, its a completely different service.
And personally, KingoM is a hassle to use.

Security issues?

- User info: Email & password

- How?

  - Use TSL/SSL

  - Helmet

  - Require strong passwords

  - JWT (JSON Web Tokens)

  - Hash sensitive info

  - Prevent brute force attacks

  - Any other precautions of storing sensitive information

Next, lets tackle the security issue.

For our service, the only information that we are going to require from the users are their emails and password.

And we are going to use all methods necessary to keep these personal information safe.

Some of the methods that we are going to use includes:

blahblahblah

Categories

- Main: Major/School organization

  - Topics: 학사 / 입학 / 취업 / 채용 / 행사… (Predefined topics)

- skku.edu (학교 웹사이트)

  - 학사, 입학, 취업, 채용/모집, 장학, 행사/세미나, 일반

- 글로벌경영학과

  - 학사, 입학, 취업, 채용/모집, 장학, 행사/세미나, 일반, 수강증원

- OISS (외국인 유학생 지원 팀 웹사이트)

  - All, Sojourn, Admission, Academics, Recruitment, Scholarships, Others
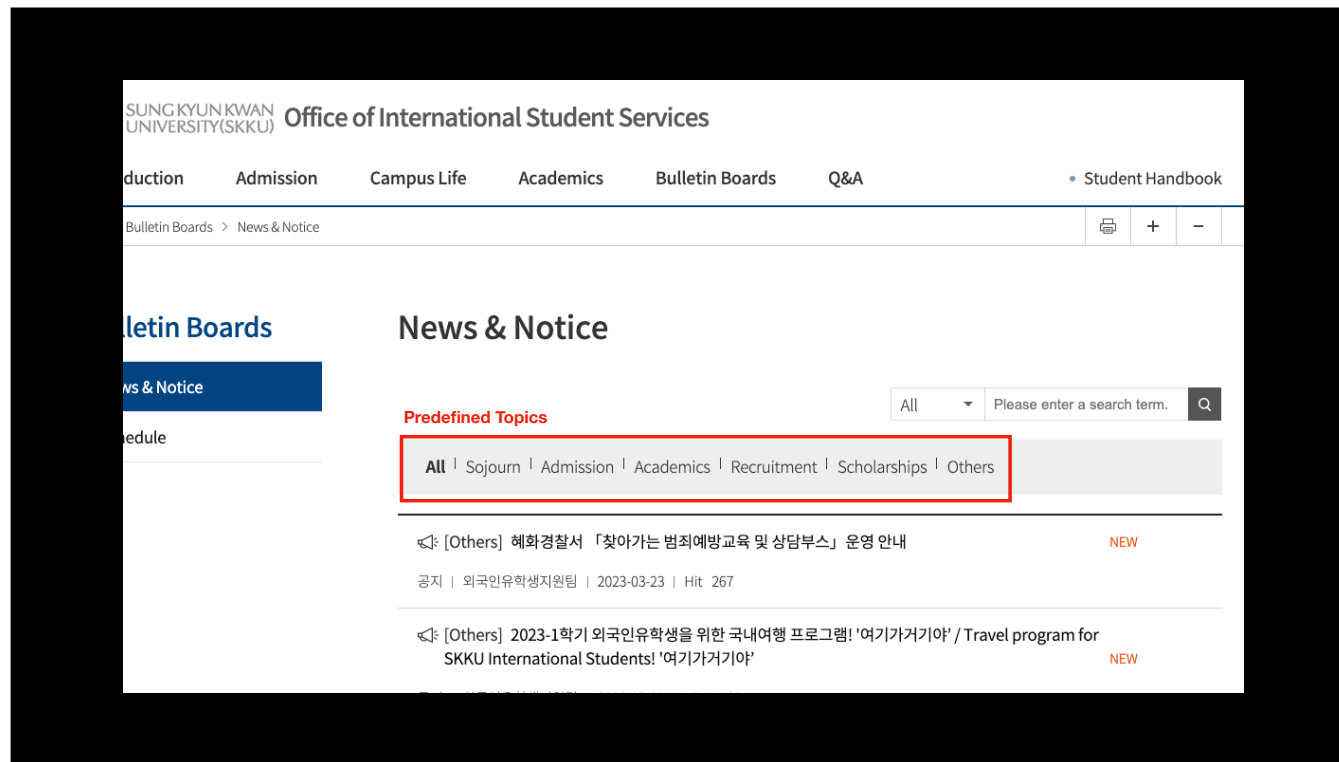
Now for the categories,
To make to answer simple, we are planning to use predefined topics.
Lets look at an example.
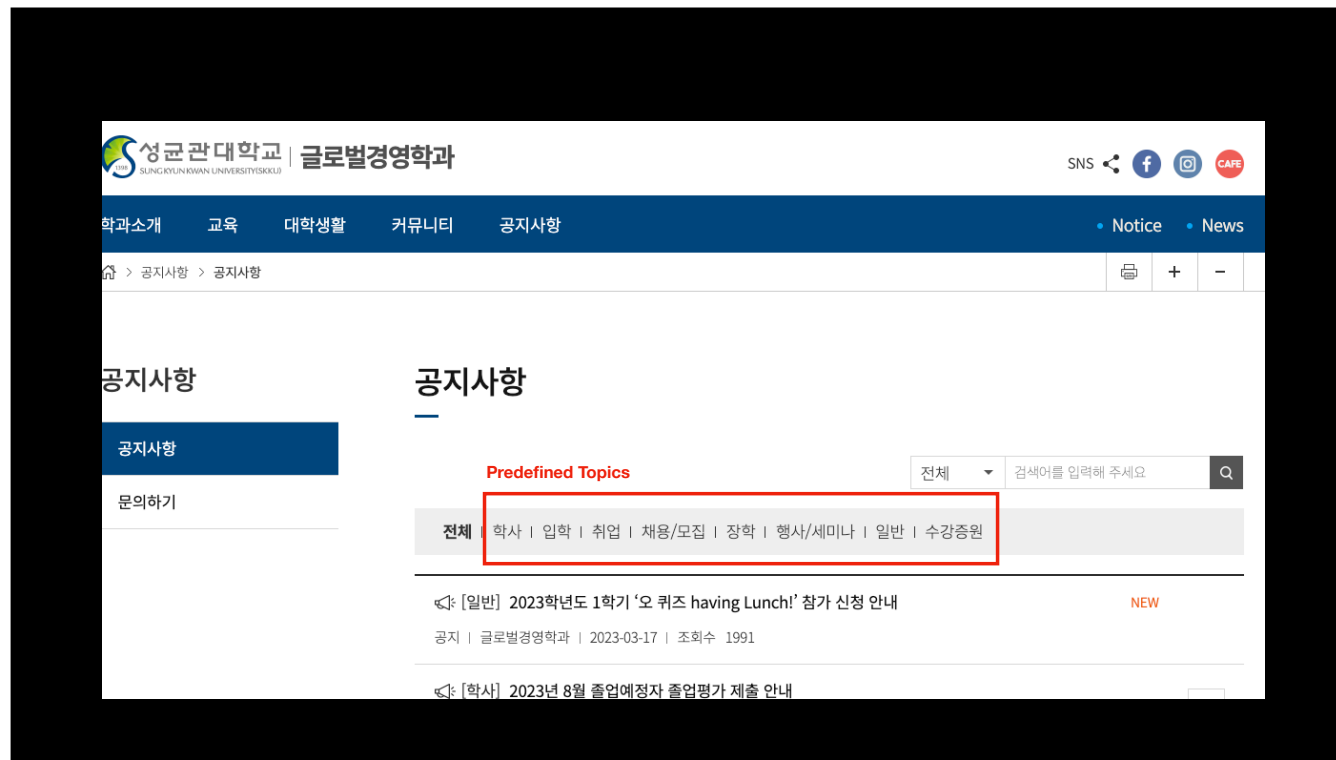
This is our schools main notification site.
As you can see, there are predefined topics that the school has already defined.

Now lets look at another example.

This is the office of international student service website.

Here too are predefined topics.

Lastly, lets look at GBA's website.

We can also see that there are predefined topics.

As you can see, the predefined topics are more or less the same, so we presume that the predefined topics are more than enough to categorize the topics.

This example shows a sample UI, where users will be able to choose what topics they are going to subscribe to.

```
        classification: 'gba-rec',
        classification_kor: '채용/모집',
        id: '147651',
        date: '2023-03-02',
        status: 0,
        major: 'gba',
        major_kor: '글로벌경영학과'
    },
    {
        _id: ObjectId("640d97151f0549ef77995358"),
        title: '2023학년도 1학기 학생제안주간(Student Suggestion Week) 시행 안내(3.13.~3.24.)',
        url: 'https://globalbiz.skku.edu/gba/board/notice.do?mode=view&articleNo=147577&article.offset=0&articleLimit=10',
        classification: 'gba-grad',
        classification_kor: '학사',
        id: '147577',
        date: '2023-02-27',
        status: 0,
        major: 'gba',
        major_kor: '글로벌경영학과'
    },
    {
        _id: ObjectId("640d97151f0549ef77995359"),
        title: '2023 소상공인(SME) 디지털마케팅 서포터즈 모집',
        url: 'https://globalbiz.skku.edu/gba/board/notice.do?mode=view&articleNo=147522&article.offset=0&articleLimit=10',
        classification: 'gba-norm',
        classification_kor: '일반',
        id: '147522',
        date: '2023-02-24',
        status: 0,
        major: 'gba',
        major_kor: '글로벌경영학과'
    }
]
Type "it" for more
notiskku>
```

This is a sample collection in our DB we managed to get by crawling GBA's website.

As you can see, the page structure contains all the necessary information we need to classify and store the notifications.

We are currently testing out which schema would be good to use for our project, so this is subject to change.

Additional Milestones

- Add keyword specific notification feature

- Add summarize notification feature using AI

- Add search past notification feature

I would also like to mention some of the additional milestones we added.
Blah blah blah
Now for the AI, as we are not an AI team, we are not going to make our own AI models, but instead, are going to use predefined available models for our service, and use most of our time developing the app, frontend, and backend.

Thank you