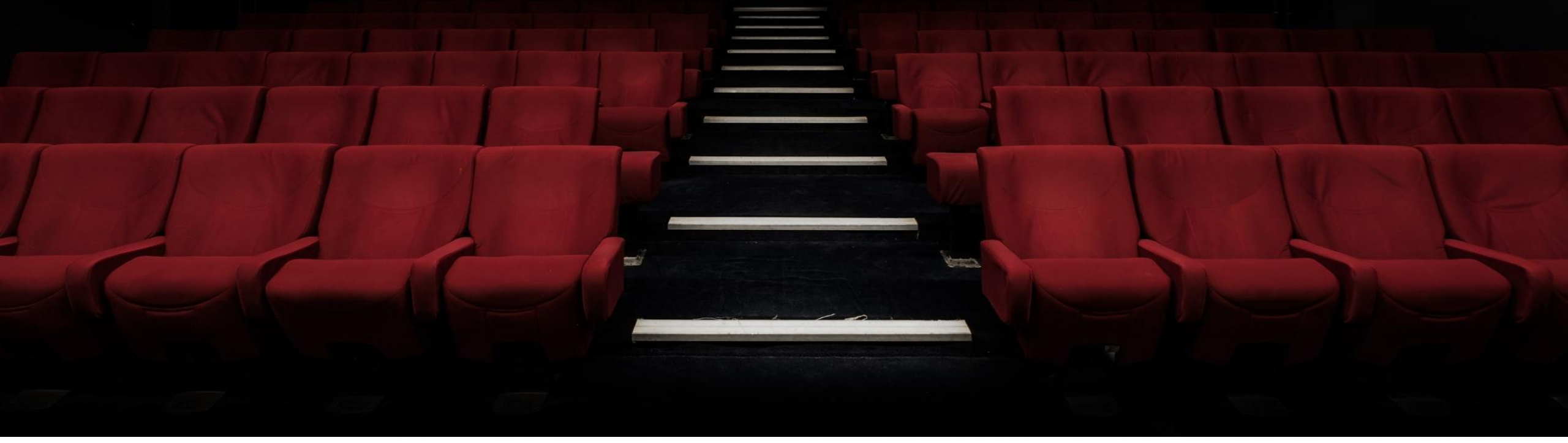
영화관을 찾아줘.ver2.0

Ahn’s 95



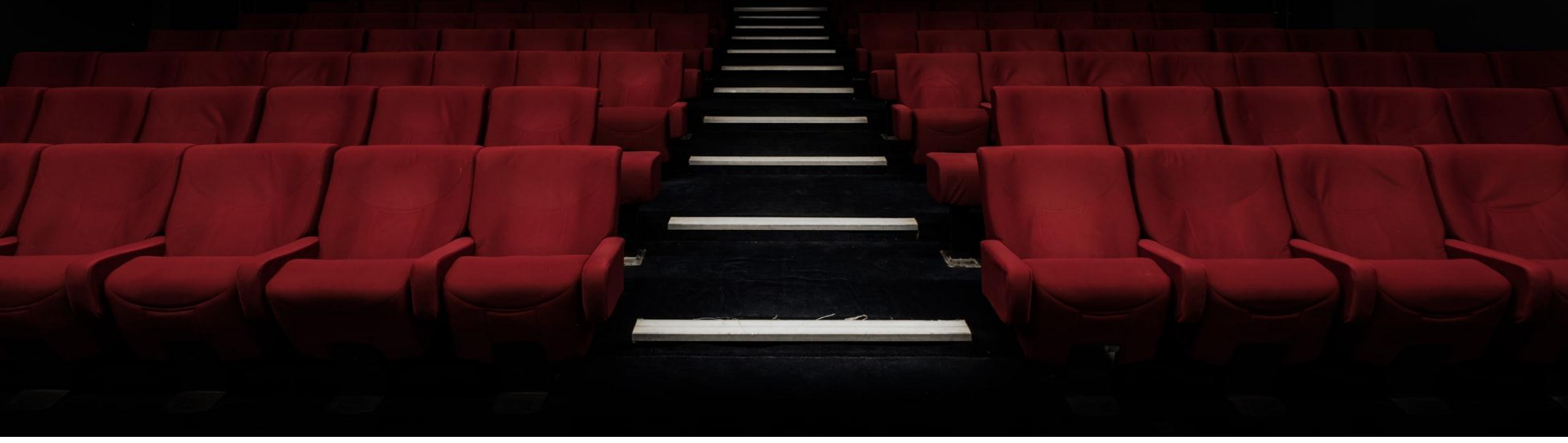
Our Team Members

Professor : 구명완

Mentor : 이희수

Client : 이원보 최우혁

Back end : 박영후 변재승 안승일



- Dooray

https://sogang.dooray.com/project/to?userWorkflowClass=registered,working

- Wiki

http://cscp2.sogang.ac.kr/CSE4187/index.php/%EC%95%88%EC%8A%A4_95

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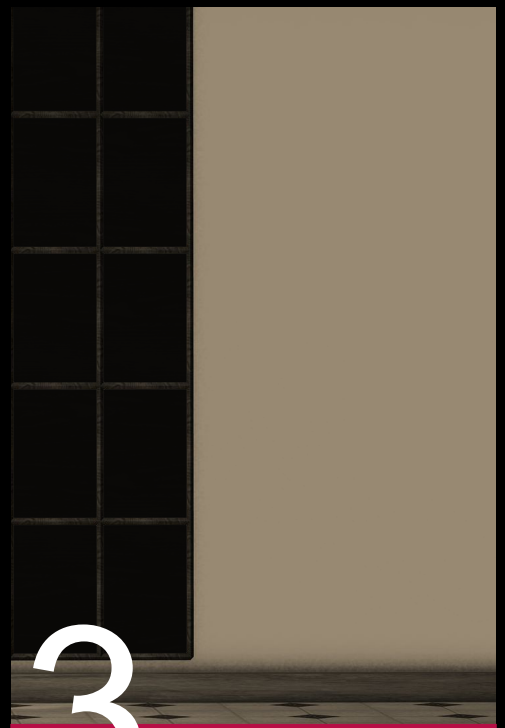

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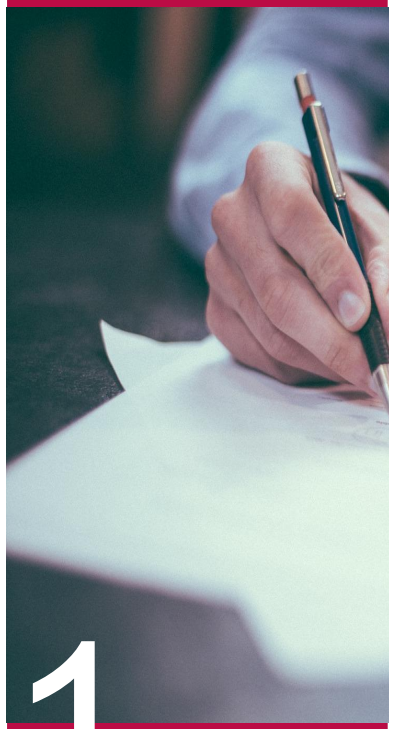
개요

Outline



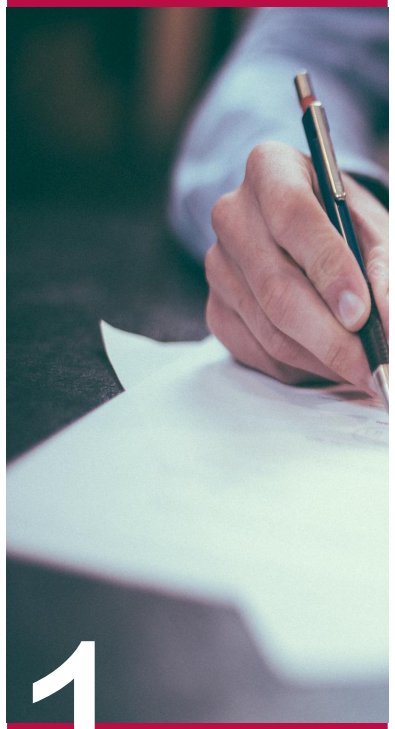
1 개요
Outline

■ Target

✔ 원하는 지역 인근 영화관과 상영시간표가 궁금한 사용자

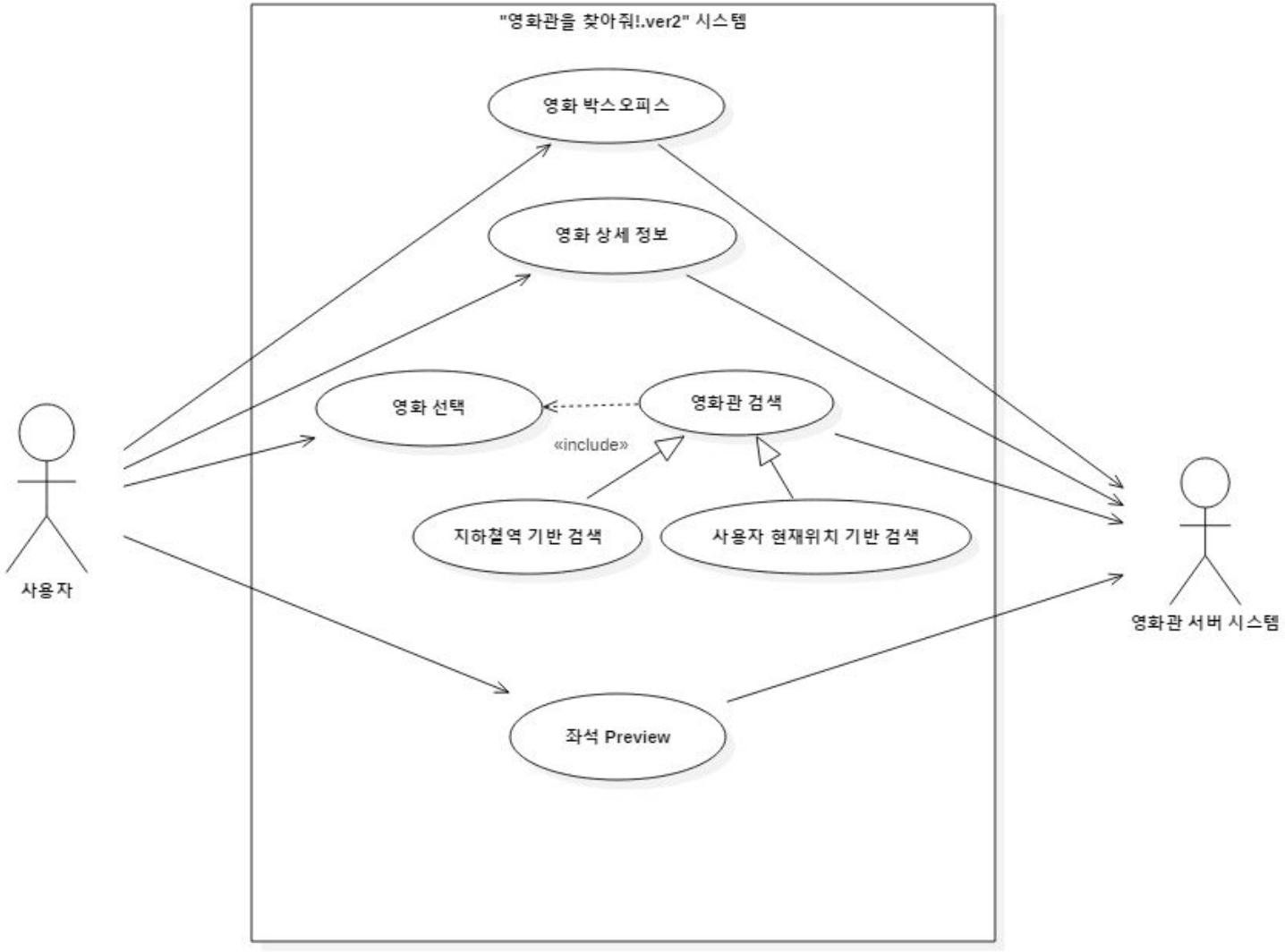
■ 최종 산출물

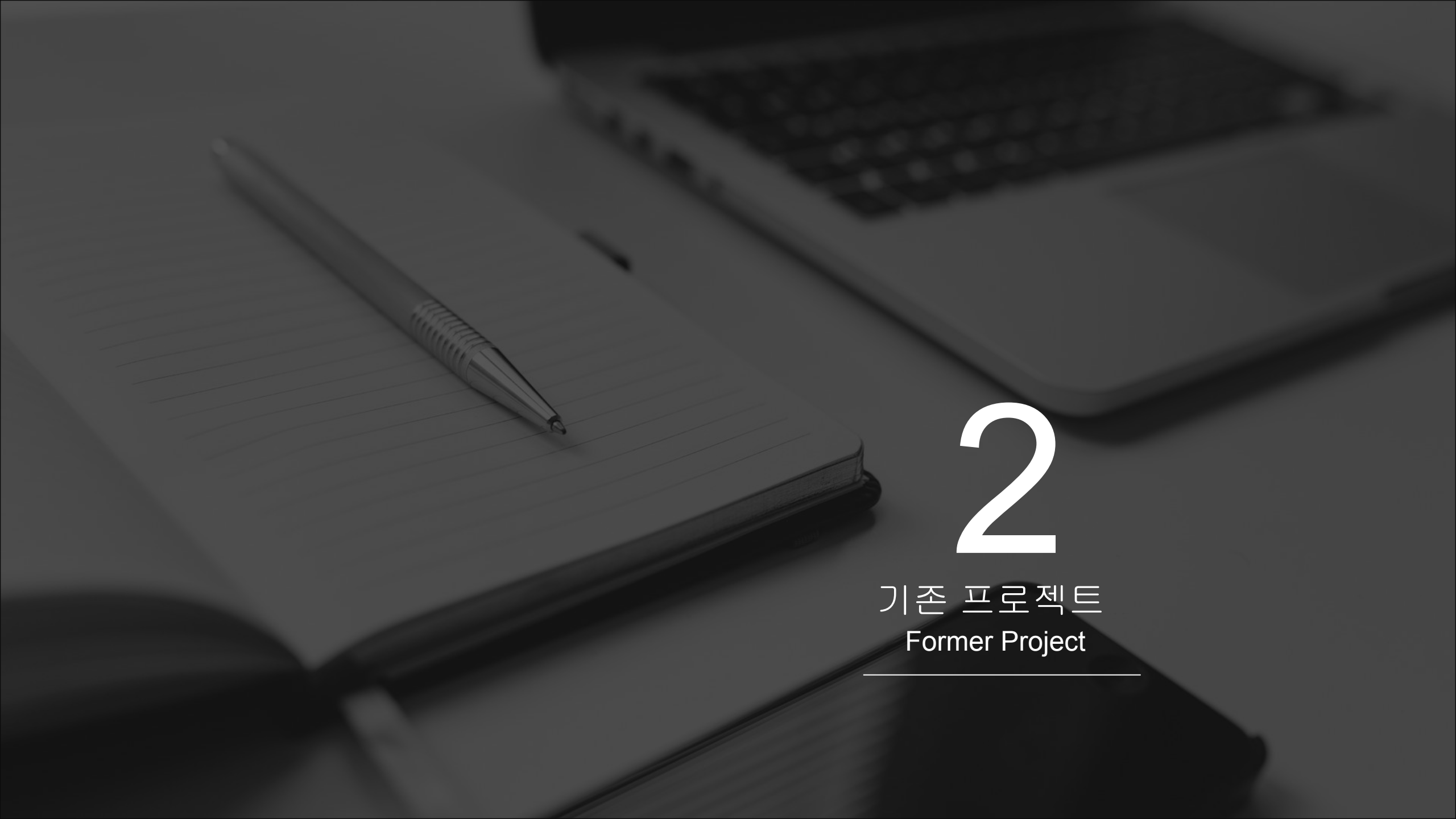
✔ iOS APP



1 개요
Outline

■ Usecase Diagram





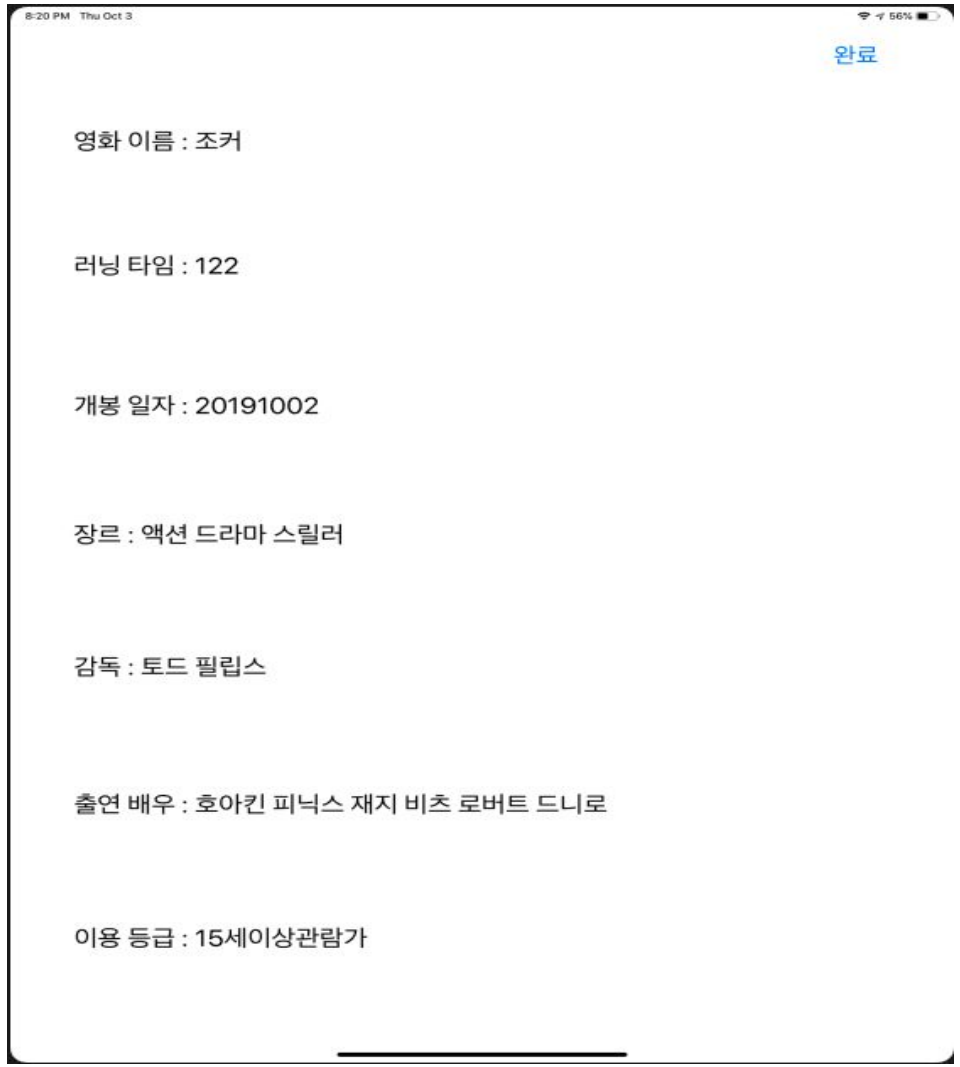
2

기존 프로젝트

Former Project

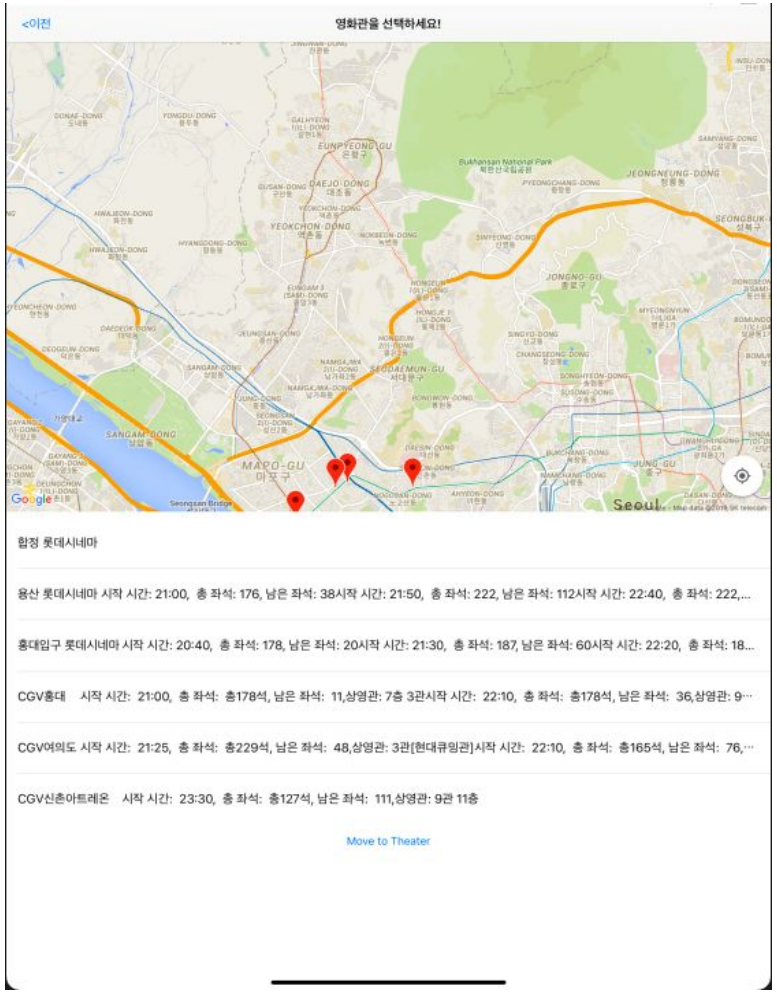
2 기존 프로젝트
Former Project

■ 영화관을 찾아줘.ver1.0 (UI/UX)



2 기존 프로젝트
Former Project

■ 영화관을 찾아줘.ver1.0 (Map)



3

개발

Development

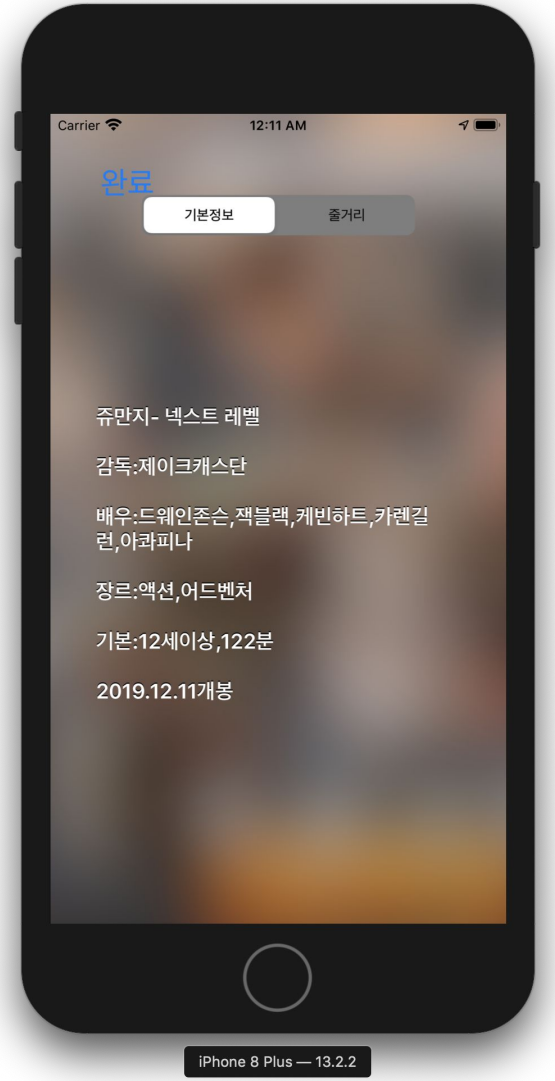
3 개발
Development

■ **vs 영화관을 찾아줘.ver1.0**

- UI/UX
- Crawling
- 성능개선
- 좌석 Preview

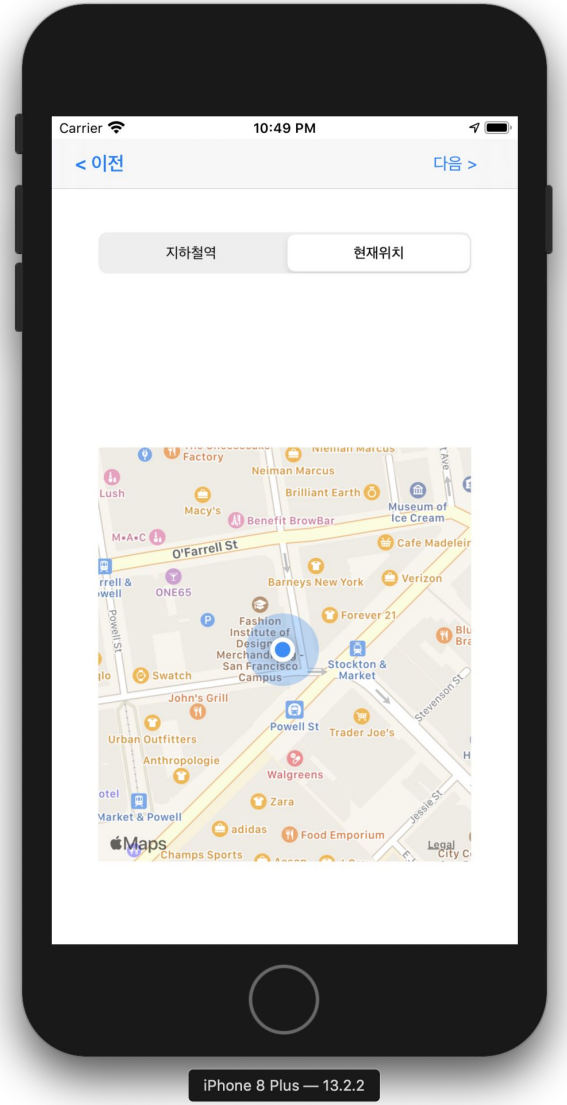
3 개발
Development

- UI/UX (박스오피스 / 영화상세정보)



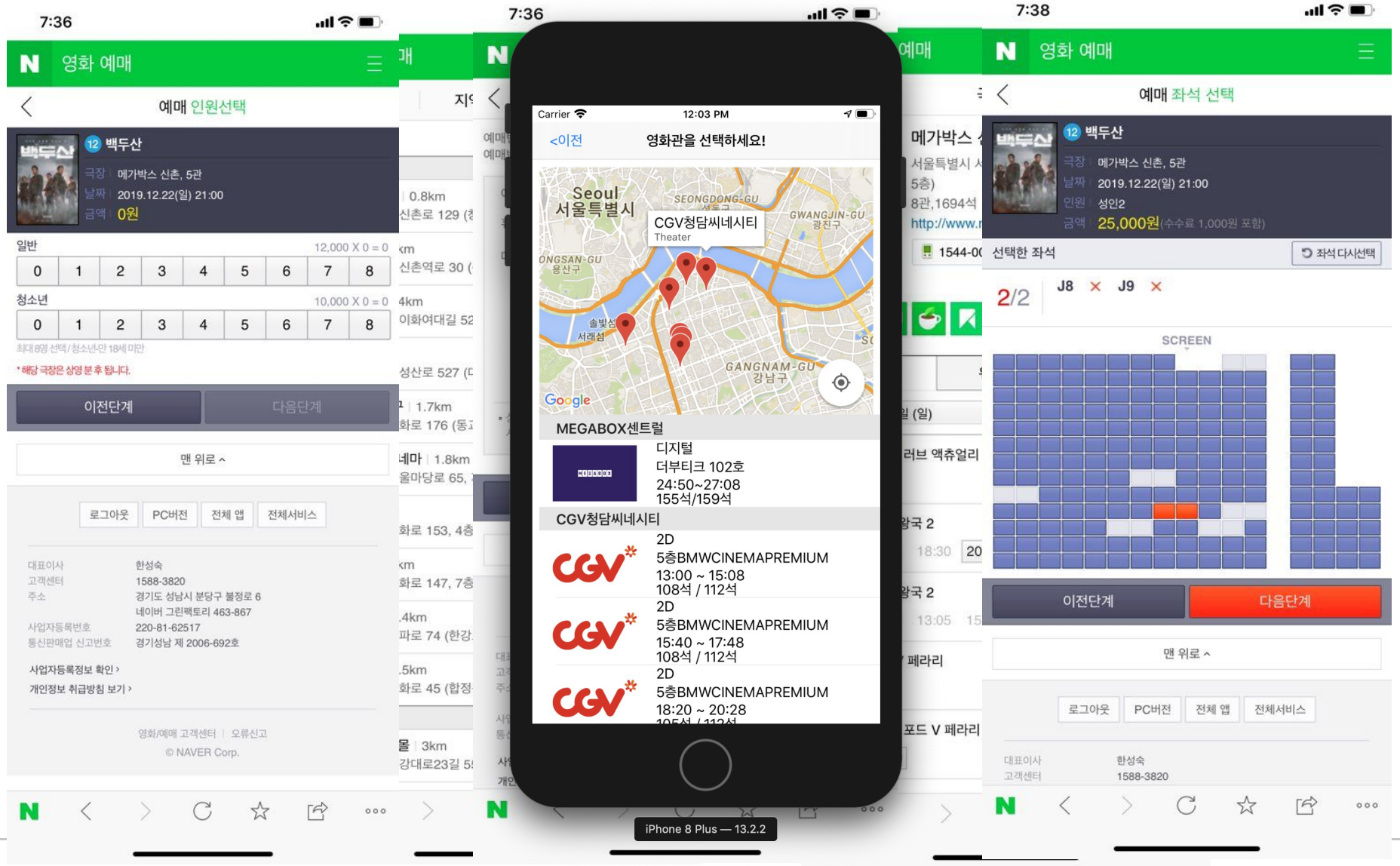
3 개발
Development

- UI/UX (지하철역 / 사용자 위치)



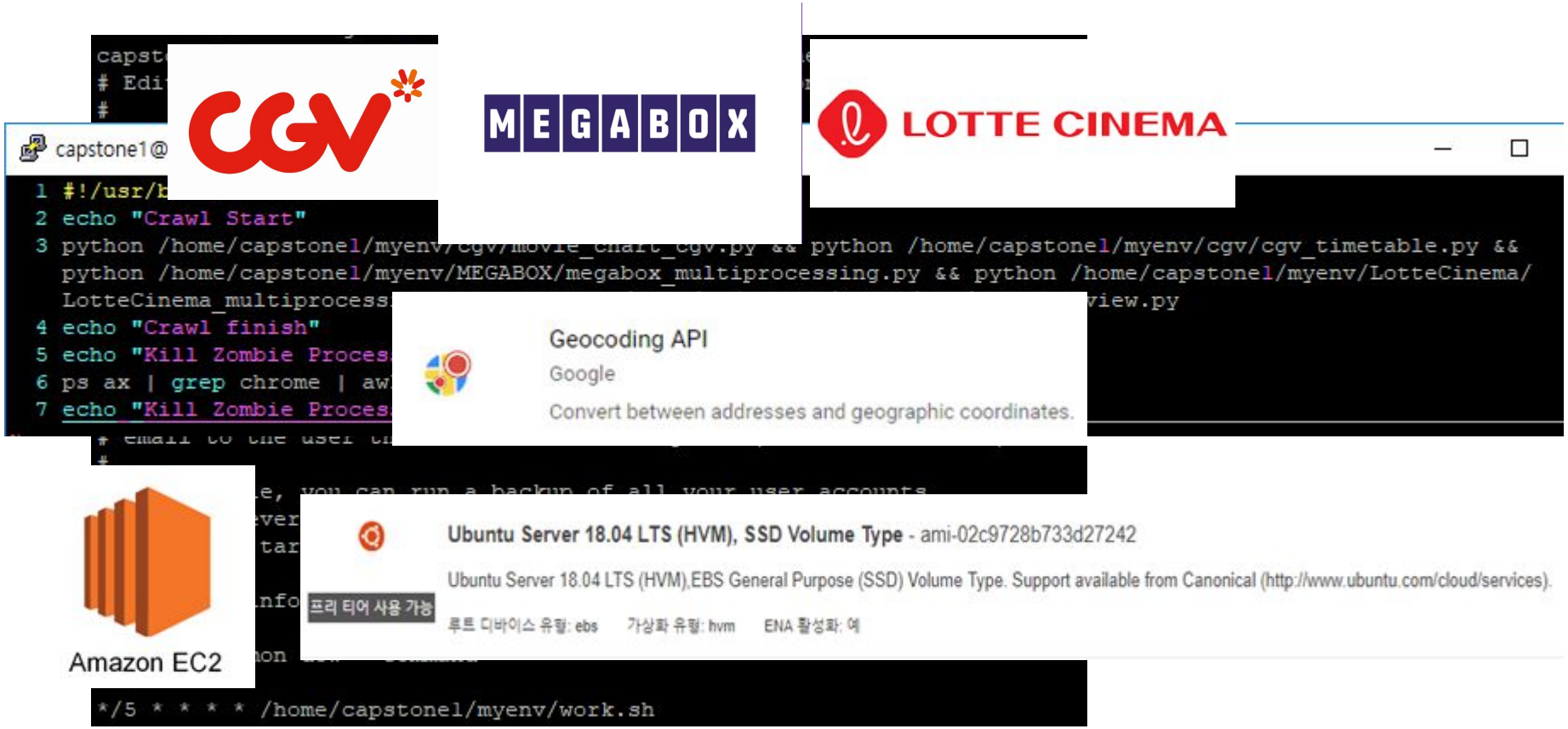
3 개발
Development

- UI/UX (상영시간표)



3 개발
Development

- Crawling



3 개발
Development

- 성능 - 멀티프로세싱 x

멀티프로세싱 x - 80 ~ 90초 사이

```
capstone1@auc-deep_learning-server4:~/myenv/LotteCinema$ python lotte_single.py
LOTTE CINEMA Crawling with single process
Crawling Start
Crawling Finsih
Total time =  90.20532321929932
capstone1@auc-deep_learning-server4:~/myenv/LotteCinema$
```

멀티프로세싱 x - 67 ~ 87초 사이

```
capstone1@auc-deep_learning-server4:~/myenv/MEGABOX$ python megabox_single.py
MEGABOX Crawling with single process
Crwaling Start
Crawling Finsih
Total time =  67.80976057052612
```

3 개발
Development

- **성능 - 멀티프로세싱 o**

멀티프로세싱 - 14 ~ 20초 사이

```
capstone1@auc-deep_learning-server4:~/myenv/LotteCinema$ python LotteCinema_multiprocessing.py
LOTTE CINEMA Crawling with Multiprocessing
Crawling Start
Crawling Finish
Total time =  14.768660545349121
```

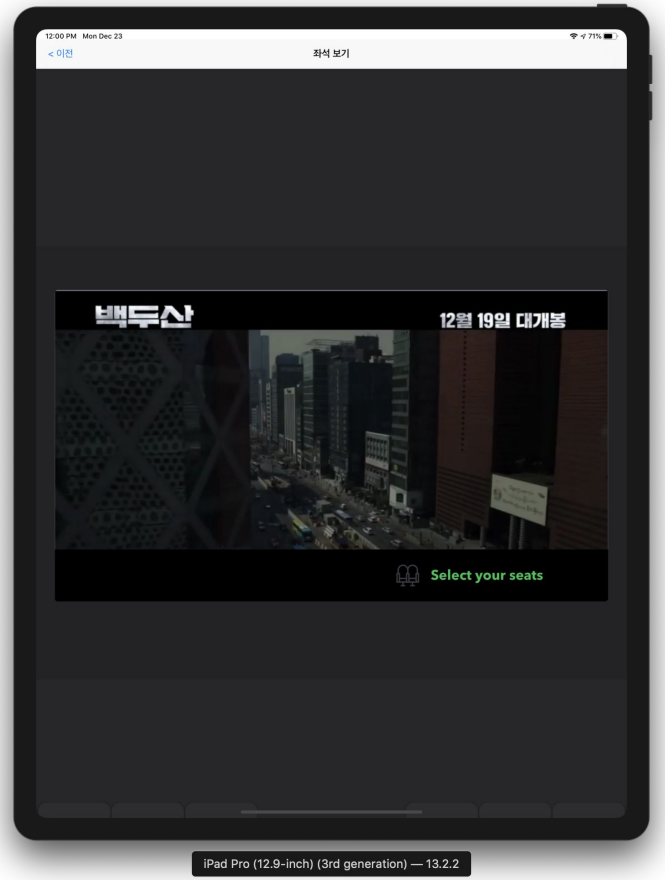
멀티프로세싱 - 20초 ~ 26초 사이

```
capstone1@auc-deep_learning-server4:~/myenv/MEGABOX$ python megabox_multiprocessing.py
MEGABOX Crawling with Multiprocessing
Crwaling Start
Crawling Finsih
Total time =  21.857861042022705
```

약 140sec 개선

3 개발
Development

- 좌석 Preview



Reference : https://github.com/codrops/SeatPreview

4

데모

Demo

4 데모
Demo

Demo

Q&A

감사합니다.