

“CRESENT, PORTFOLIO.”

Cresent, based in [@kdmhs](#)

COMPUTER VISION FINTECH INTRANET SOCIAL VENTURE ————— BACKEND UI/UX DESIGN FRONTEND
DOBE XD FIGMA ————— FASTAPI NESTJS REACT NATIVE FLUTTER EXPRESS PYTHON
IARTCITY ISEF 2023 KOREA CODEFAIR YOUTH STARTUP APPJAM 22th ————— STAC 2022 JBUC

"ILLUMINATING THE NIGHT SKY, LIKE A CRESENT MOON."

[The 14th National Startup & Invention Contest] organized by Suwon Samil High School, sponsored by Kyunggi Ilbo and Sungkyunkwan University

Kyunggi Ilbo

2021/08/04

2,020 elementary, middle, and high school students from across the country participated in a fierce competition in the fields of science, education, and entrepreneurship. Daeho Middle School student Oh Shinjae (16) won the Minister of Science and Technology Award for his "bookshelf carving" project.

Team Crescent is a team with a slogan of
"Illuminating the night sky like a crescent moon",
and was founded through the social venture club of Korea Digital
Media High School to solve various social issues.

The great power created by a student's suggestion, 'Korea Digital Media High School Social Cooperative'

평생학습e옴

2022/11/28

The social cooperative of Korea Digital Media High School (hereinafter referred to as 'Dimigo social cooperative') is well known for operating an unmanned canteen for student welfare using a payment system called 'DIMIPAY, which was created by the students themselves.

To solve social problems and improve people's lives, team members are engaged in various activities such as developing fintech payment, school intranet, and literacy education platform, and have achieved results such as broadcasting appearances, newspaper exposure, and various competition awards.

With the knowledge and skills gained through various activities and experiences, Team Crescent aims to continue to solve various social problems and create a more developed society.

Crew Introduction



Creating IT platform for isolated people is my passion.

Hello, I am Oh Shin Jae, the leader of the **요해** Project, a platform that improves literacy in just 10 minutes a day. There are various socially isolated people living around us. Many solutions are out for these people, however, there are still unsolved social problems. That's why I want to solve these problems through IT services. So far, I have carried out various projects such as overcoming depression. I will continue to pursue a society where no one is isolated.

Activity



10-minute daily assistant for improving literacy skills, **요해**
CEO / 2023.06 ~

오신재

Shinjae Oh

Team Leader

Product Manager

UI & UX Design



Starred on Startup TV Program "Unicorn House 2"
Broadcasted on Discovery / 2022.10

Skills



Awards

Youth Startup Idea Contest for Vocational School Students Grand Prize

Team LUNA - **요해** / Ministry of Education / 2023.06

22nd AppJam 1st Place

Team 진격의 루나 - **두비두밥** / Ministry of SMEs, SK Planet / 2022.12

2022 High School 새싹 IR 2nd Place

Team 불협화음 - **추카팡** / Korea Startup Agency / 2022.12

STAC 2022 Future Industry Sector 2nd Place

Team 다소다 / Korea Startup Agency / 2022.11

2022 Social Venture Contest 2nd Place

Team Spes - **다님길** / Korea Social Enterprise Promotion Agency / 2022.11

Smartcity Idea Contest 3rd Place

Team Ordo - **팔마노바 City** / Association of Smartcity / 2022.09

010-7637-4758

sakflo@naver.com

Crew Introduction



Creating things is my biggest pleasure.

Hello, my name is Cho Hyun Woo, a second-year student at Korea Digital Media High School, currently working as a DIMIPAY Project Leader. I have been interested in computers since I was young, and my greatest pleasure is seeing the projects I have created give a positive impact to people. I want to give a positive impact on many places such as on our school and minority groups in society such as rare disease patients.

Activity



조현우

Hyunwoo Cho

UI & UX Design

Backend

App



Project Manager from DIMIPAY (Payment Platform for KDMHS) / 2022.12 ~

UI & UX Design, App / 2022.07 ~



Backend, UI & UX Design from DIMIGOIN (Intranet Platform for KDMHS) / 2022.05 ~

Skills



Awards

22nd AppJam 1st Place

Team 진격의 루나 - 두비두밥 / Ministry of SMEs, SK Planet / 2022.12

4th Korea Codefair SW Contest 3rd Place

Team 땅짜는 코드페어 - RIDM / NIA, Ministry of Science & Technology / 2022.12

JBUCTF 3rd Place

Team nyan / Joongbu Univ. / 2022.11

ETNews IT Education Conference Scholarship

ETNews / 2022.11

WACon 2022 2th Place

Team 본선 커트라인 / Theori Korea Inc. / 2022.07

Best Research on University-affiliated Education Institute for the Gifted

기상 정보와 음원 차트 간 유사도 측정 / KOFAC / 2021.01

010-9173-7306

kanyewest@dimigo.hs.kr

fxxntrbl

Bé hyunwoocho

Crew Introduction



Beyond experience, Start a journey of growing together.

Hello, I am Park Seong Min, a second-year student at KDMHS, currently active as a leader of DIMIGOIN. After awarding 1st prize in KCF Hackathon, I founded a team called "Semicolon". During the Corona period, We participated in civic-hacking by conducting projects such as "Uvirus" and "Mask Finder." Through this, I gained various experiences and communicated with many people. I want to continue to grow through various experiences in the future.

박성민

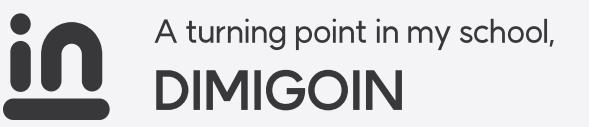
Seongmin Park

Frontend

Backend

App

Activity



Project Manager from DIMIGOIN (Intranet Platform for KDMHS) / 2023.05 ~
Frontend, App / 2022.05 ~



goorm DevelUP Semicolon

DevelUP SemiColon by goorm

Backend, Frontend from Semicolon / 2020.01 ~

Skills

express



Awards

22nd AppJam 1st Place

Team 진격의 루나 - 두비두밥 / Ministry of SMEs, SK Planet / 2022.12

JBUCTF 3rd Place

Team nyan / Joongbu Univ. / 2022.11

Smartcity Idea Contest 3rd Place

Team Ordo - 팔마노바 City / Association of Smartcity / 2022.09

3rd Korea Codefair Hackathon 1st Place

Ministry of Science & Technology / 2021.12

Presentation Contest at Daejeon Institute of Education

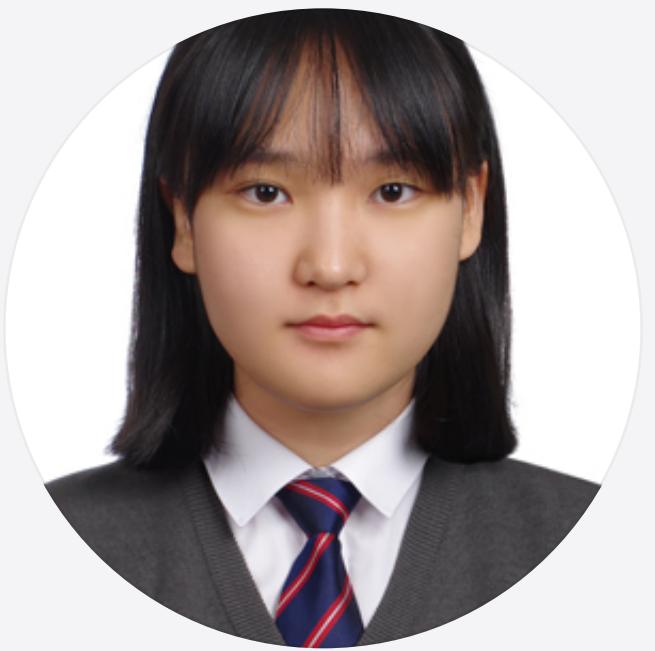
Daejeon Institute of Education / 2021.10

010-8427-6415

admin@isamin.kr

kr-isamin

Crew Introduction



I am passionate about utilizing knowledge to improve life.

Hello, I am Yoon Sua, a first-year student at Korea Digital Media High School. I am highly interested in utilizing my knowledge to improve people's lives. I have a persistent attitude of exploring without giving up, when it comes to solving problems or finding out about topics I am interested in. I would like to pursue a proper sense of social consciousness and broad knowledge, and contribute to society by helping to improve the lives of others.

Activity

Corona Tracker

윤수아

Sua Yoon

Corona Tracker, for your safety.

Developer / 2020.11 ~



Backend

Frontend

10-minute daily assistant for improving literacy skills, 요해

Developer / 2023.06 ~

Skills



010-5116-0753

totoro@dimigo.hs.kr

totoro

Crew Introduction



I will do my best to ensure that no one is left behind in the information society.

Hello, I am Kim Jiyoon , a first-year student at Korea Digital Media High School. I have a great interest in solving various social issues, focusing on socially vulnerable groups. Based on this interest, I am developing learning assistant services to reduce educational disparities, helping socially vulnerable groups to be equal in the society. In the future, I want to contribute to creating a society where socially vulnerable individuals are not discriminated.

Activity



김지윤

Jiyoon Kim

Product Manager

Backend

Awards

Youth Startup Idea Contest for Vocational School Students Grand Prize

Team LUNA - 요해 / Ministry of Education / 2023.06

10-minute daily assistant for improving literacy skills, 요해

Product Manager / 2023.06 ~

Skills



📞 010-9628-8565

✉ anniekim0512@gmail.com

Projects

 Hyunwoo Cho

Payment Platform for KDMHS,



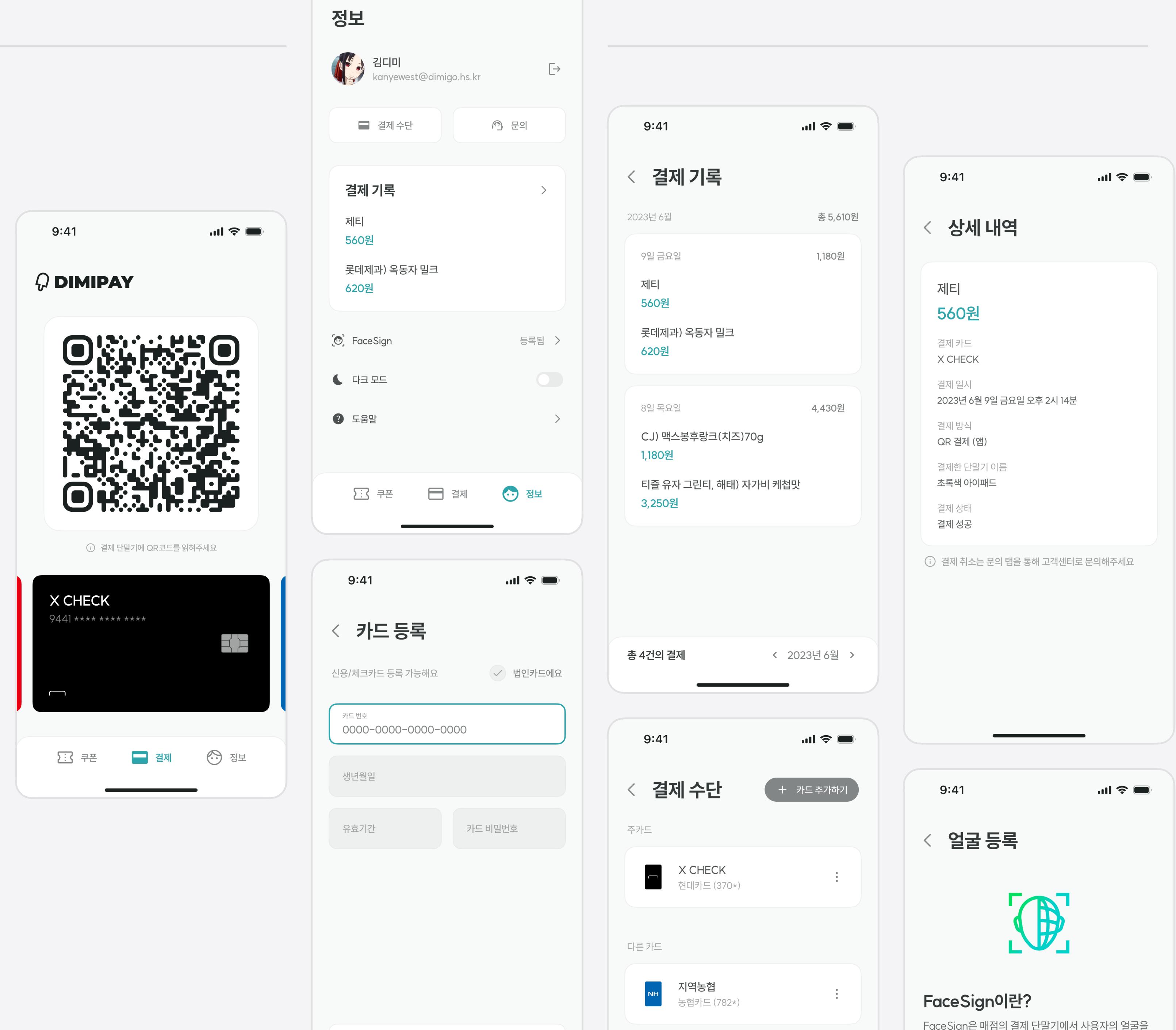
The payment platform for Korea Digital Media High School, DIMIPAY, not only includes the app responsible for payment, but also the POS machine for conducting payments and the admin page for managing them. Users can register their cards in advance on the app and make QR payments, or make FaceSign payments through facial recognition.

Since last July, I have been in charge of app development with Flutter and UI / UX design with Figma, and have been the Project Manager of DIMIPAY since last December, leading the project until now.

DIMIPAY 1.1 is currently available on the app store, and the included pictures are the UI for DIMIPAY 2.0, which will be released soon. You can check the source code for the POS machine and app on GitHub @dimipay.

 <https://www.behance.net/gallery/169444843/DIMIPAY>

 https://github.com/dimipay/dimipay_flutter



Projects

Hyunwoo Cho  Seongmin Park 

A turning point in my school,



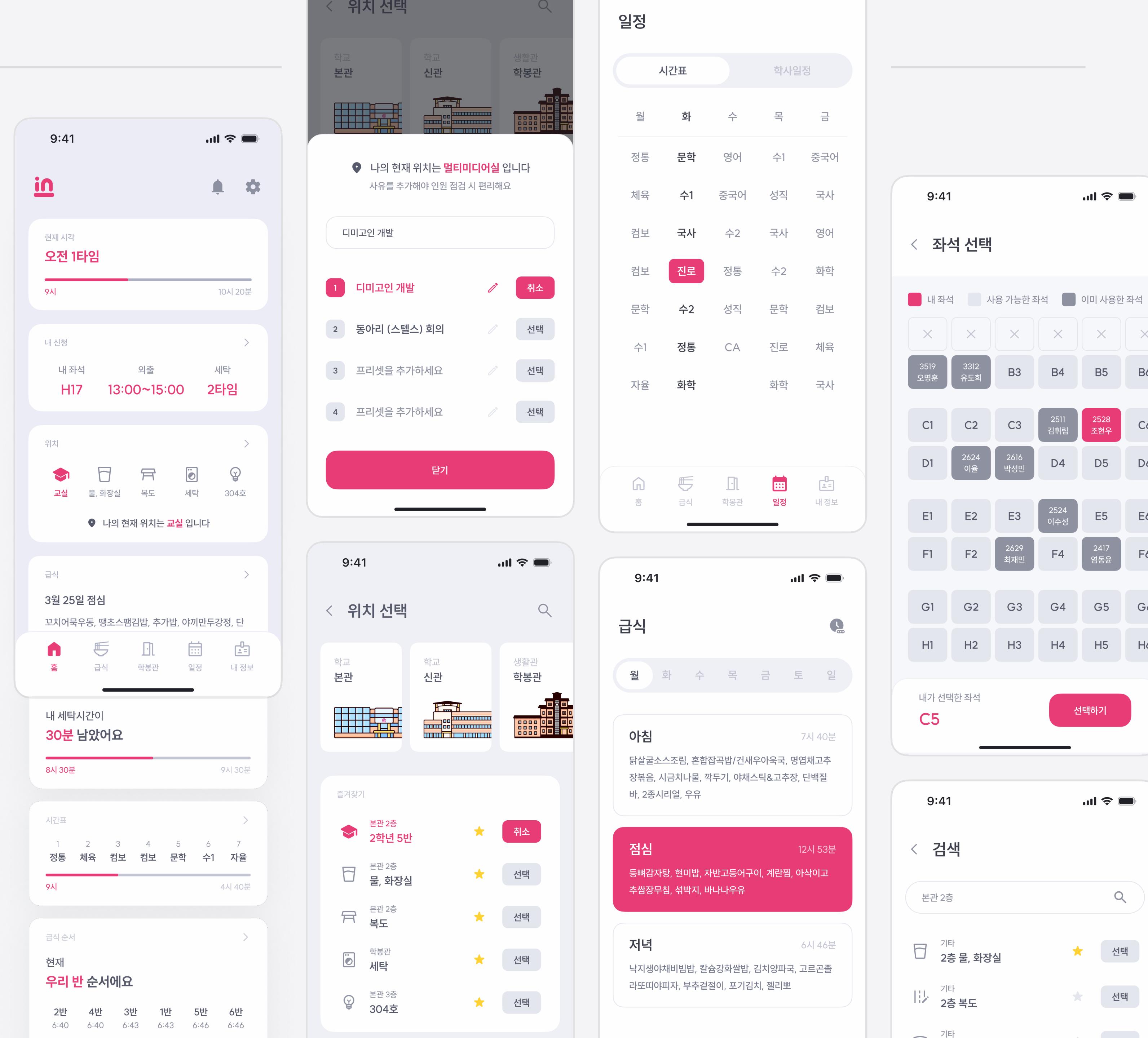
The school's intranet, DIMIGOIN, is not only for checking school schedules and meals, but also includes necessary functions within the school, such as reporting locations for night self-study hours, applying for dormitory stays and laundry. DIMIGOIN has not only an app, but also a web version accessible on web, and a back-office that can be accessed by teachers.

Park Seong Min has been in charge of the frontend and app development, and has been the Project Manager since March of this year, and Cho Hyun Woo has been in charge of the backend, and UI / UX design.

The attached screenshot is the new version of DIMIGOIN that will be released in August of this year. You can check the DIMIGOIN source code on GitHub at [@dimigoin](#).

<https://dimigo.in>

<https://github.com/dimigoin>



The screenshot displays the new version of the DIMIGOIN mobile application interface, showing various features and user interactions:

- Top Navigation:** Includes a search bar and a back arrow.
- Home Screen:** Shows the current time (9:41), signal strength, battery level, and a red 'in' logo. It features sections for "현재 시각" (Current Time), "내 신청" (My Application), "위치" (Location), "급식" (Meal), and "내 세탁시간이" (My Laundry Time).
- Location Selection:** A modal window titled "위치 선택" (Location Selection) shows three building icons: 학교 본관 (Main Building), 학교 신관 (New Building), and 생활관 학봉관 (Student Life Building). It displays the message "나의 현재 위치는 멀티미디어실입니다" (My current location is the Multimedia Room) and "사유를 추가해야 인원 점검 시 편리해요" (It is convenient to add a reason for inspection when checking personnel).
- Schedule View:** A "일정" (Schedule) screen shows a weekly grid with subjects like 정통 (General Studies), 문학 (Literature), 영어 (English), 수1 (Math 1), 중국어 (Chinese), etc., across days.
- Class Selection:** A "좌석 선택" (Seat Selection) screen shows a grid of seats in a classroom, with some marked as "선택" (Selected) and others as "미사용" (Unselected).
- Meal Selection:** A "급식" (Meal) screen shows meal options like 아침 (Breakfast), 점심 (Lunch), 저녁 (Dinner), and their descriptions.
- Search Function:** A "검색" (Search) screen allows users to search for specific items or locations.

Projects

Hyunwoo Cho

Medical Platform for patients,

RIDM

RIDM is a disease management and social welfare system application platform for rare disease patients. One of my friends has a rare disease called PK.D. Although there is a social welfare system for rare disease patients in Korea, my friend had difficulty benefiting from it because the application process is complicated. Based on this, we developed the RIDM platform to easily manage rare diseases, provide telemedicine using WebRTC, and simplify the application process for social welfare systems. We actually generated application document and submitted to social welfare system automatically with this platform. We participated in the ISEF - System Software with this project. (SOFT011T)

The screenshot shows the 'Patient Management' section of the RIDM platform. At the top, there are tabs for RIDM, Disease Search, Patient Management, Applications, and Doctor1. Below the tabs, a dropdown menu shows 'Patient1'. Under 'Current Disease', 'Paroxysmal kinesigenic dyskinesia' is listed with code 'G24.8' and a note that it affects the brain. There is a '+ Add Disease' button. Under 'Symptoms (2)', two entries for 'paroxysmal dyskinesia' are shown, each with a timestamp (PM 9:16 and July 9, 2022).

Screenshot of Patient Management (for doctors)

The screenshot shows the 'Applications' section for a patient. At the top, there are tabs for RIDM, Disease Search, Disease Management, Applications, and Patient1. Below the tabs, a section for 'Applicable Policies' shows 'Paroxysmal kinesigenic dyskinesia' and 'Benefit Expansion Policy' with a 'Request' button. Under 'Application Status', a card for 'Paroxysmal kinesigenic dyskinesia' shows 'Patient1' with Social Security Number 8119256675 and Submission Date July 20, 2022. Buttons for 'Form' and 'Diagnosis' are present.

Screenshot of Applications (for patients)

건강보험 산정특례 등록 신청서 (□ 암 □ 기타 산정특례질환)					
신정특례등록번호	* 공단기체식당 접수일자				
건강보험증번호	2133423 가입자(세대주) 이환자				
수진자 (주민등록번호) (020627 - *****)	이환자 등록결과 문자서비스(SMS) □ E-mail 통보방법				
E-mail	patient1@dogcoolcodefair.com 휴대전화 01056781234				
주소	서울특별시 서초구 강남대로 273, 10층 자택전화				
요양기관 확인란					
진료과목	신경과	구분	입원/외래	진단화진일	2022. 7. 31
암, 기타	진단명	유전성 근병증 NOS (상병기호 G71.9)	(상병기호 반드시 기재)		
증증화상	(특수기호: 복병기호)				
[최종 진단 방법]		* 해당란에 체크하기 * 중복 체크 가능			
□ 암		□ 기타 산정특례질환			
<input type="checkbox"/> ① 검사 <input type="checkbox"/> Sono <input type="checkbox"/> CT <input type="checkbox"/> MRI <input type="checkbox"/> ② 조직검사 없는 진단적 수술 <input type="checkbox"/> ③ 특수 생화학적 또는 면역학적검사 <input type="checkbox"/> ④ 세포학적 또는 혈액학적 검사 <input type="checkbox"/> ⑤ 전이부위의 조직학적 검사 <input type="checkbox"/> ⑥ 원발부위의 조직학적 생검 <input type="checkbox"/> ⑦ 기타()					
<input type="checkbox"/> ① 영상검사 <input type="checkbox"/> Sono <input type="checkbox"/> CT <input type="checkbox"/> MRI <input type="checkbox"/> ② 특수 생화학/면역학적검사, 도말/배양 <input type="checkbox"/> ③ 유전학적 검사 <input type="checkbox"/> ④ 조직학적 검사 <input type="checkbox"/> ⑤ 임상적 소견으로 최종 진단 시 기재					
위의 기록한 사항이 사실임을 확약함 2022년 7월 31일					
요양기관명 : 한국대학교병원 담당의사(면허번호) : 나의사 (375382) (서명/인)					
본인은 상기와 같이 건강보험 산정특례 등록 대상자로, 등록된 정보를 진료상 필요시 제공(요양기관 및 의료비지급자 선정을 위한 보건소 제공)하는 것에 동의합니다. 2022년 7월 31일 동의인 : 이환자 (세명 또는 일)					
상기와 같이 건강보험 산정특례 등록을 신청합니다. 신청일 2022년 7월 31일 신청인 : 나의사 (세명 또는 일) 전화번호 (01012345678) 수진자와의 관계 (담당의) 국민건강보험공단 이사장 귀하					

Application Paper automatically generated

Projects

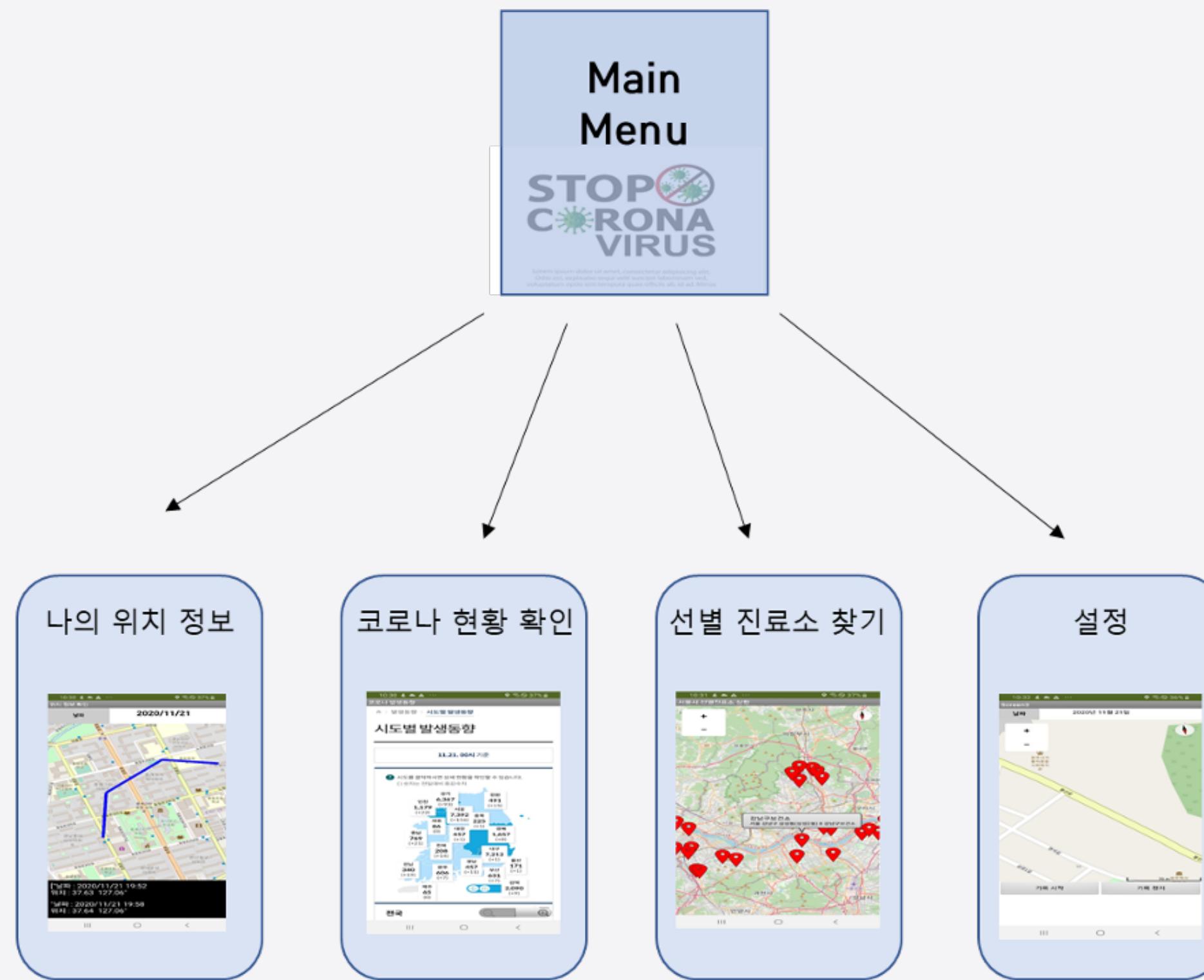


Sua Yoon

Corona Tracker, for your safety,

Corona Tracker

As the coronavirus first emerged in 2019, it caused multiple pandemics, and various apps were developed to prevent its spread. Analyzing these apps, I decided to develop the 'Corona Tracker' app, which provides essential information for preventing COVID-19. The 'Corona Tracker' app is designed to record users' movements to help with epidemiological investigations, and provide the information of clinic information from public data. In addition, it provides daily announcements from the Central Disease Control Headquarters in real-time. Through this, users can always access the latest information and take personal responsibility for their safety and the well-being of society. I was responsible for the development of this app.



Structure of the "Corona Tracker" App



Main Screenshot of the "Corona Tracker" App

Projects

Shinjae Oh Jiyoon Kim Sua Yoon

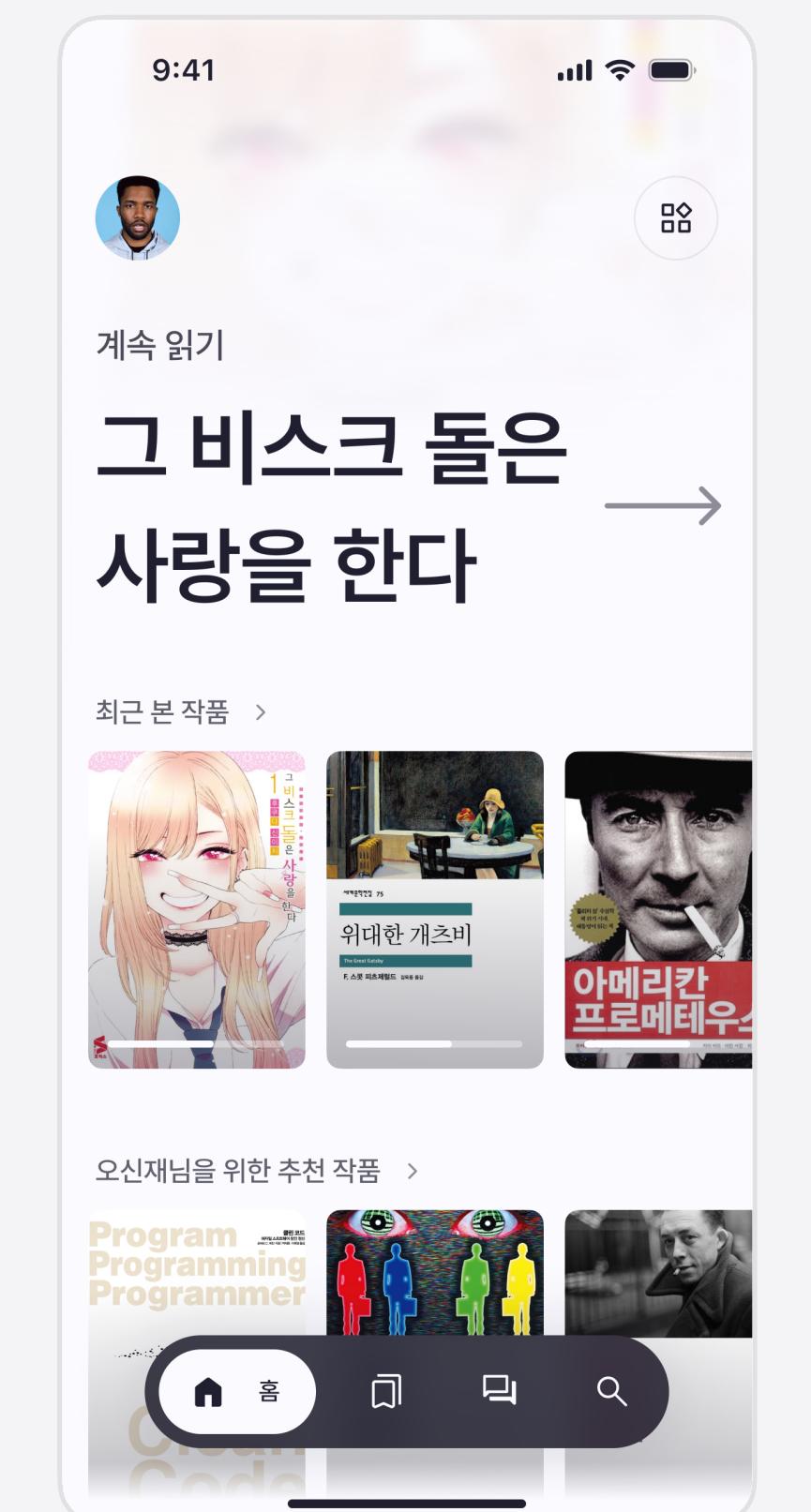
10-minute daily assistant for improving literacy skills,

요해

The issue of low literacy and comprehension skills among the young generation has become a serious problem in South Korea. Actually, the illiteracy rate of Korean students is close to 1%, but the actual illiteracy rate is about 75%, meaning that most students have the ability to simply read the text, but not many can fully understand the content.

Reading is by far the most reliable way to improve literacy skills. However, there are very few people who enjoy reading. As of 2021, the annual reading volume of Korean adults is about seven books, which means that on average, they read one book every two months. The most common reasons why people don't read are "lack of time," "using other media and content," and "using smartphones, televisions, and internet games."

On " " platform, short reading can be done in about 10 minutes and people can be motivated through quiz games and interesting content summaries. Also, " " platform aims to create an environment where people read voluntarily by utilizing games such as quizzes. Ultimately, " " focuses on improving literacy skills through an educational process that is centered on enhancing comprehension skills.



"길동아, 네 한번 집을 나간 후로 살았는지 죽었는지 알지 못하여 아버님께서 병이 깊어지셨거늘, 너는 갈수록 불효를 기칠 뿐 아니라 나라에 큰 근심이 되니, 네 무슨 마음으로 불충불효를 행하며 또한 도적이 되어 세상에 비할 수 없는
0 불충불효 (不忠不孝)
L 충성스럽지 못하고 효성스럽지 못함.
하시어 나
† 일이라.
2라."

말을 마치자 마자 눈물이 비 오듯 흘렀다, 길동이 머리를 숙이고 말하기를,

"제가 여기 온 것은 아버지와 형을 위태로움에서 구하고자 힘이니 어찌 다른 말이 있겠습니까. 대저 대감께서 당초에 천한 길동을 위해 아버지를 아버지라 하고 형을 형이라 부르도록 하셨던들 어찌 이 지경에 이르렀겠습니까. 지난 일은 말해 봤자 쓸데없거니와, 이제 아우를 결박하여 서울로 올려 보내소서."

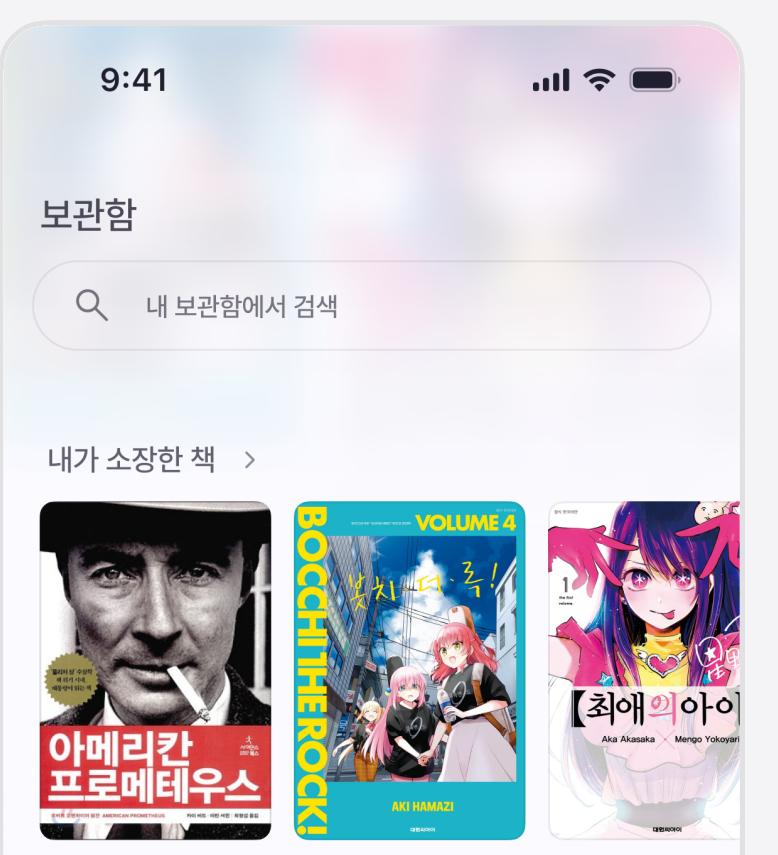
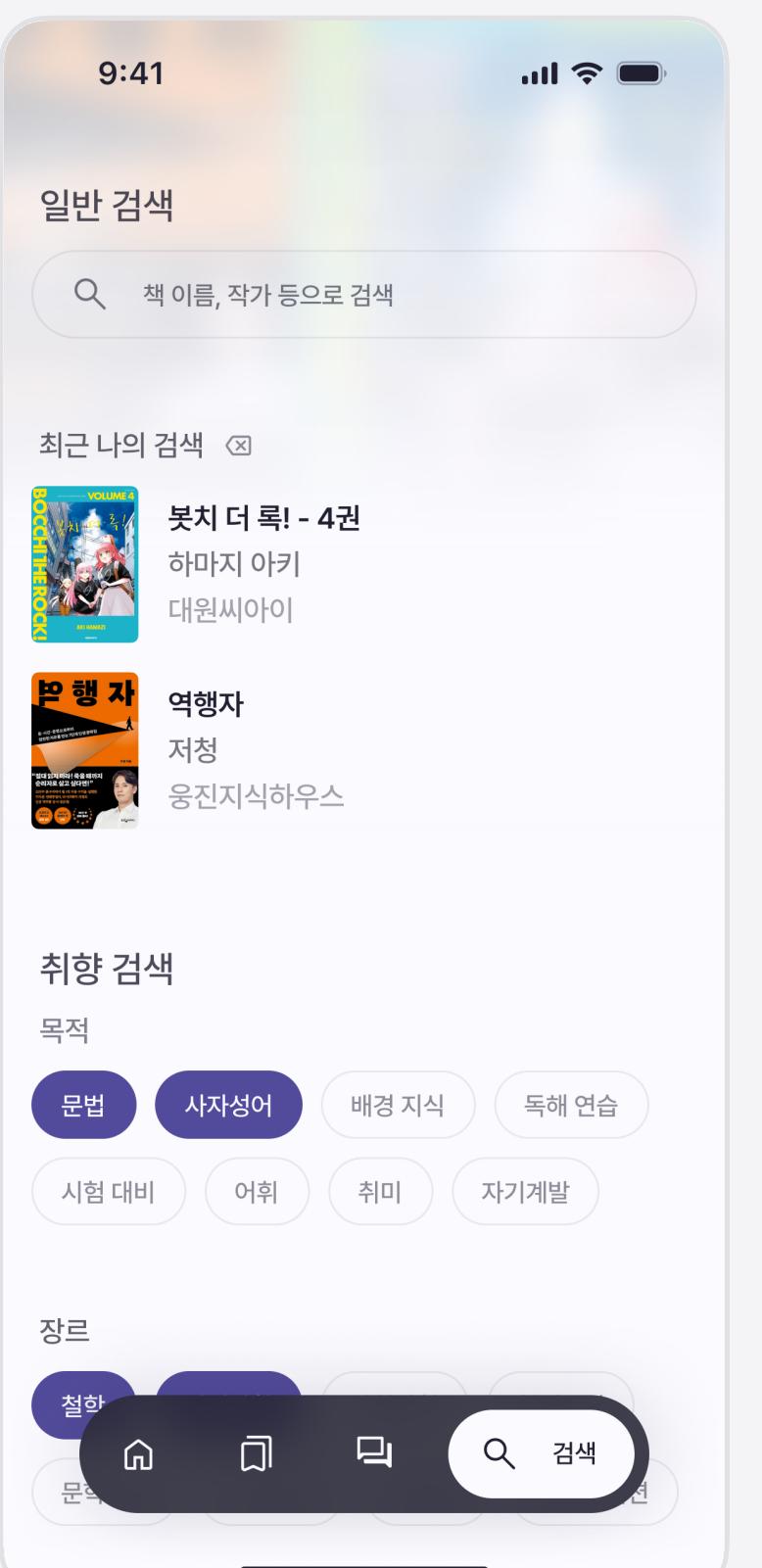
< 지금 읽는 책
홍길동전
허균
네버엔딩
64 / 124
동의 재주를 들었는지라, 잡혀 온다는 말을 듣고 길을 메울

했다. 9:41
"길동아, 네 한번 집을 나간 후로 살았는지 죽었는지 알지 못하여 아버님께서 병이 깊어지셨거늘, 너는 갈수록 불효를 기칠 뿐 아니라 나라에 큰 근심이 되니, 네 무슨 마음으로 불충불효를 행하며 또한 도적이 되어 세상에 비할 수 없는
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하시어 나
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2라."

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하고는 다시 말이 없었다. 감사가 이 말을 듣고 슬퍼하면서도 장계를 지어 길동의 목에 칼을 쏙우고 발에 족쇄를 채워



Thanks for watching.

Cresent, based in [@kdmhs](#)