SOFTWARE ENGINEERING

내멋대로 허LG

Hanyang University, Department of Information Systems

나림 | 양경훈 | 조소연 | 현규원

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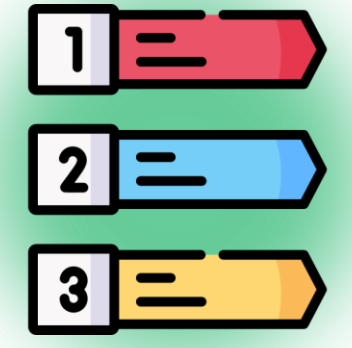
내멋대로ㅎLG ?



Platform that enables users to add multiple home appliances into a routine and initiate those routines by a keyword triggered by voice recognition

Main Functions

Routine Customization

Users can add multiple home appliances to their routines and set operational details for each home appliance. They can set key words and reserve the operating time to initiate the routine.

Routine Recommendation

내멋대로ㅎLG will analyze data such as the age and size of household and recommend appropriate routines for users.

Trending Routine

Users can check out the most popular routine in real time.

Front-End

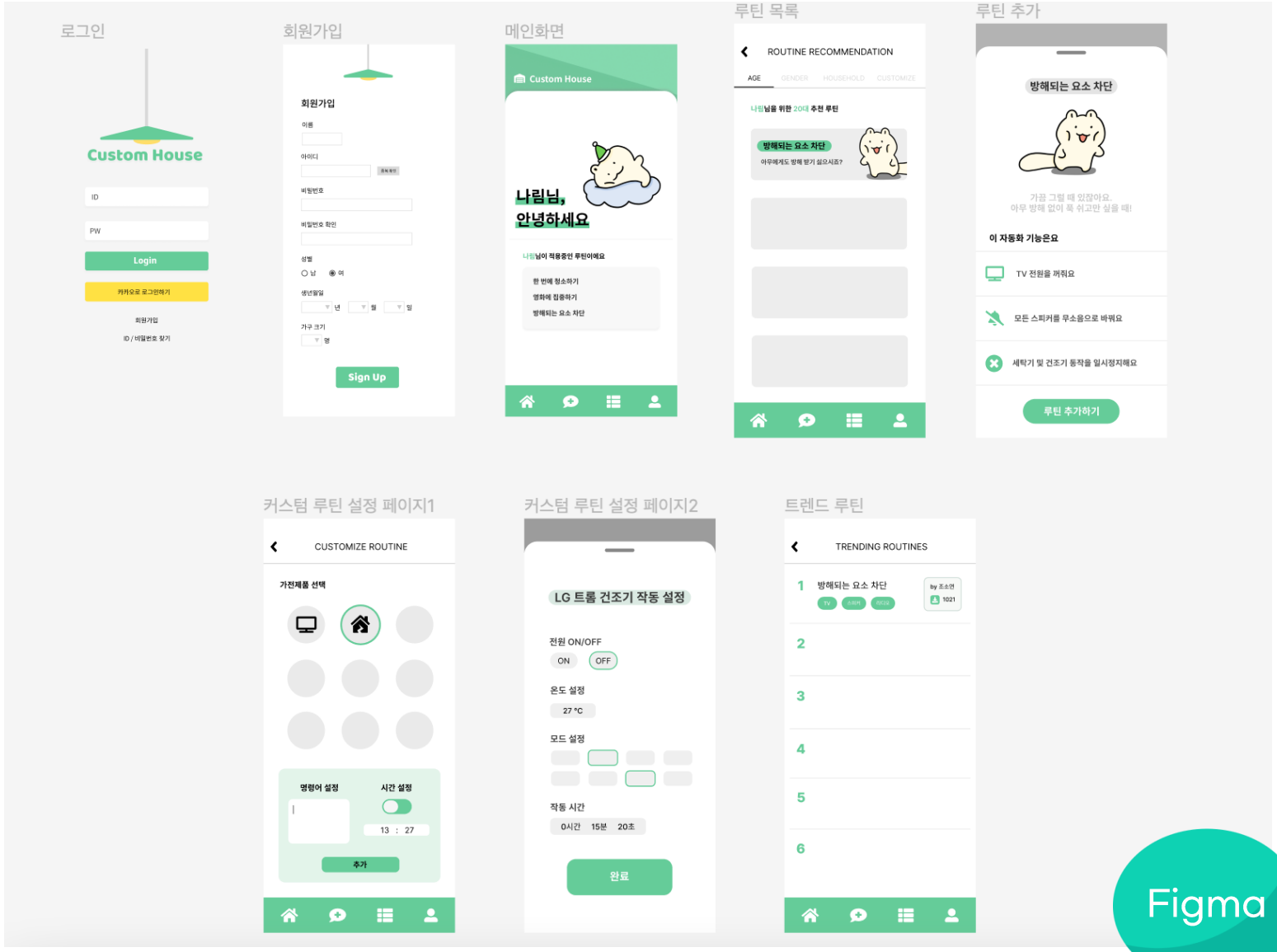
DEVELOPMENT TOOL

React Native

JavaScript framework used for mobile application for front-end development

Expo

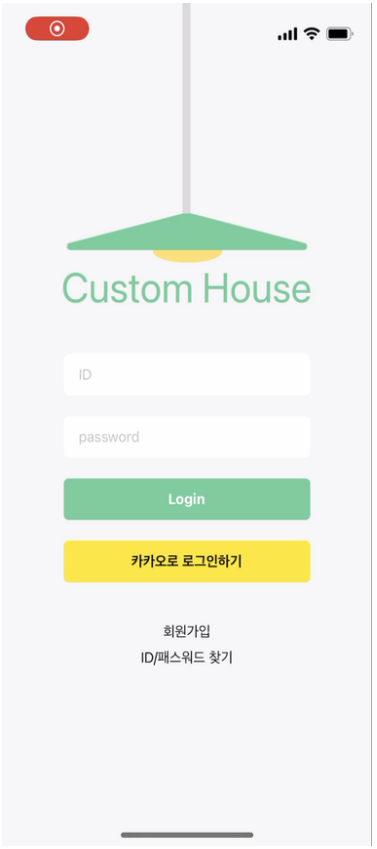
framework/platform for developing React Native applications

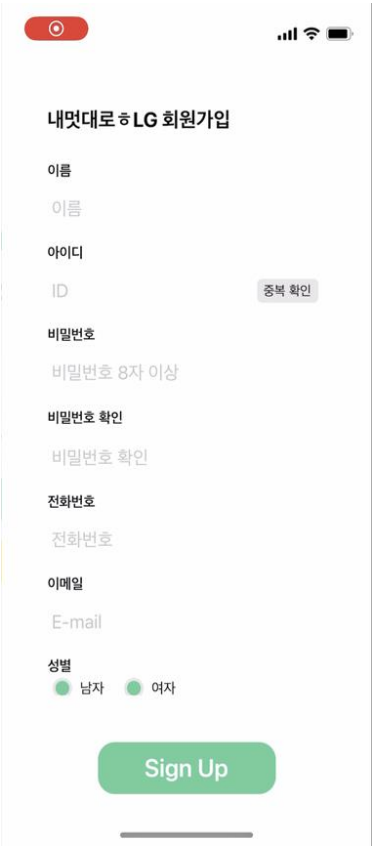


Figma

Front-End

Implementation Status





Functions

UI

Back-End

DEVELOPMENT TOOL

spring

Java framework used for back-end development

mongoDB.

document based NoSQL database system

API List

Login/Sign up Page	POST	/api/new-member	회원가입
	POST	/api/login	로그인
	POST	/api/id	아이디 찾기
	POST	/api/password	비밀번호 찾기
	POST	/api/duplicate	중복확인
Main Page	GET	/api/my-routine	루틴 확인
Routine Recommendation Page	GET	/api/member-info	회원 정보
	GET	/api/age-recom	연령+성별 루틴 추천
	GET	/api/house-recom	가구 루틴 추천
	GET	/api/routine-detail	루틴 상세 정보
Add Routine Page	GET	/api/routine-info	루틴 정보 가져오기
	POST	/api/new-routine	루틴 추가
Trending Routine Page	GET	/api/trending-routines	인기 루틴 조회
Custom Routine Page	GET	/api/appliance-icon	가전제품 가져오기
	POST	/api/customize-routine	커스텀 루틴 추가
	/api/new-routine	/api/customize-routine	하나로 할 수 있을까
Current Routine Status			루틴 동작 상태 확인

User Table

```
_id: ObjectId('63768512fd3c600c3f79d69e')
name: "내멋대로ㅎLG"
username: "INFOSYS"
password: "PW"
gender: "MF"
age: "2022"
household: "4"
email: "infosys@hanyang.ac.kr"
_class: "Custom_HOUSE.CH.model.Member"
```

THANK YOU