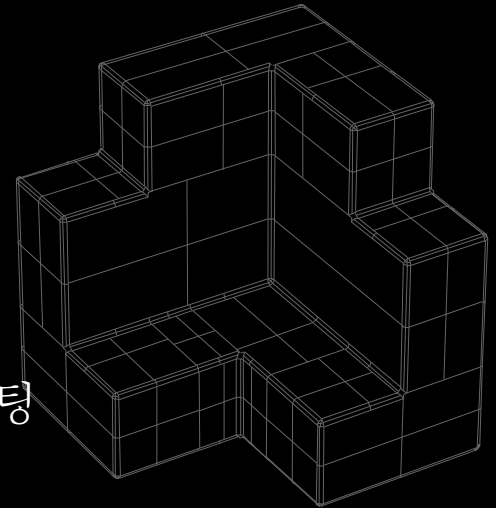


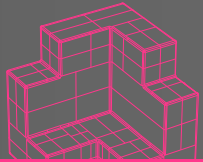
원격 체온 모니터링 어플리케이션 개발



부경대학교 MSG
멘토기업 : (주)마이크로컴퓨팅
지도교수 : 윤종태 교수님



이브와 ICT 멘토링 PROJECT
BY. PKNu MSG



프로젝트 개요

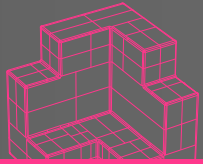
APP 소개

심화연구

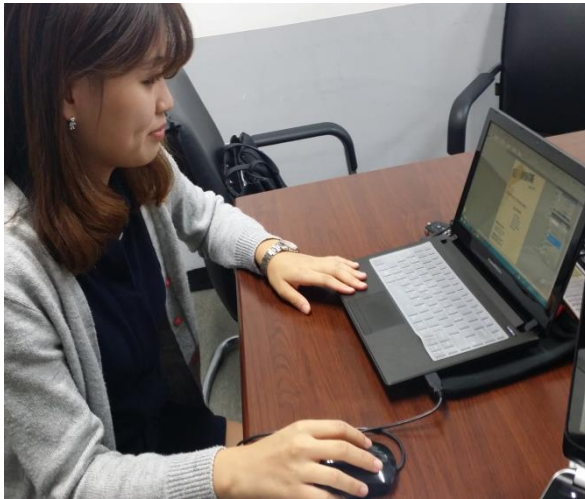
기대효과

응용분야

팀원 소개



최다솜
(Designer)



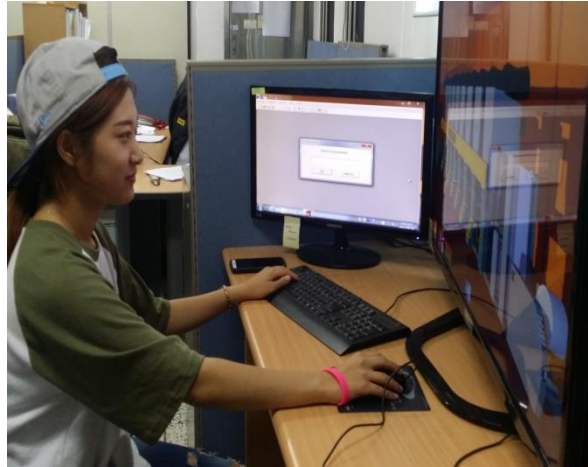
하민지
(Researcher)



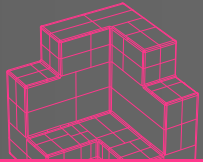
하서진
(Packing)



노민성
(Programmer)



프로젝트 개요



체온 측정

사 스	발열, 무력감, 기침, 호흡 곤란, 급성 호흡 곤란 증후군 ...
에볼라	발열, 두통, 근육통, 오한, 쇠약감, 홍반성 발진, 안구 출혈 ...
메르스	발열, 기침, 숨이 가쁜 등의 호흡기 증상, 급성 신부전 ...



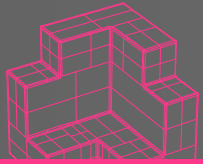
기초 체온
DB화



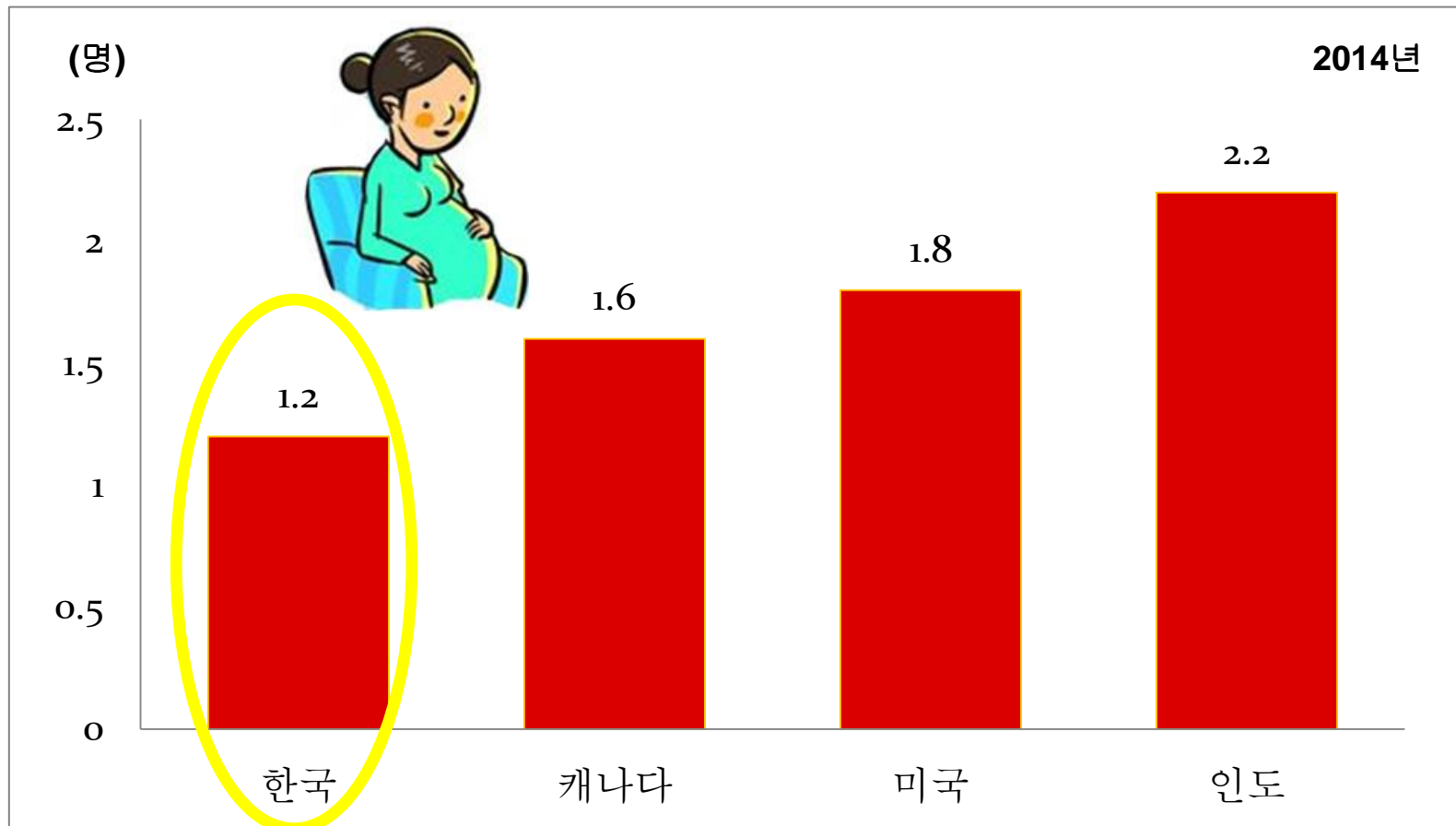
중앙 통제
시스템



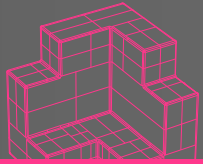
체계적인
건강 관리



나라별 출산율



프로젝트 수행과정



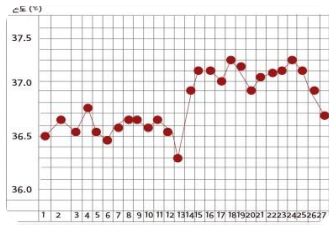
5월

6월

7월

8월

9월



기초체온법
조사



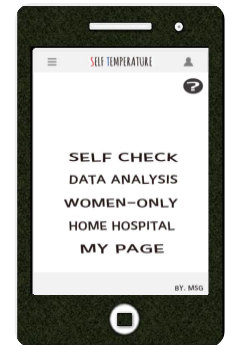
체온측정방법
조사·연구



APP 연구

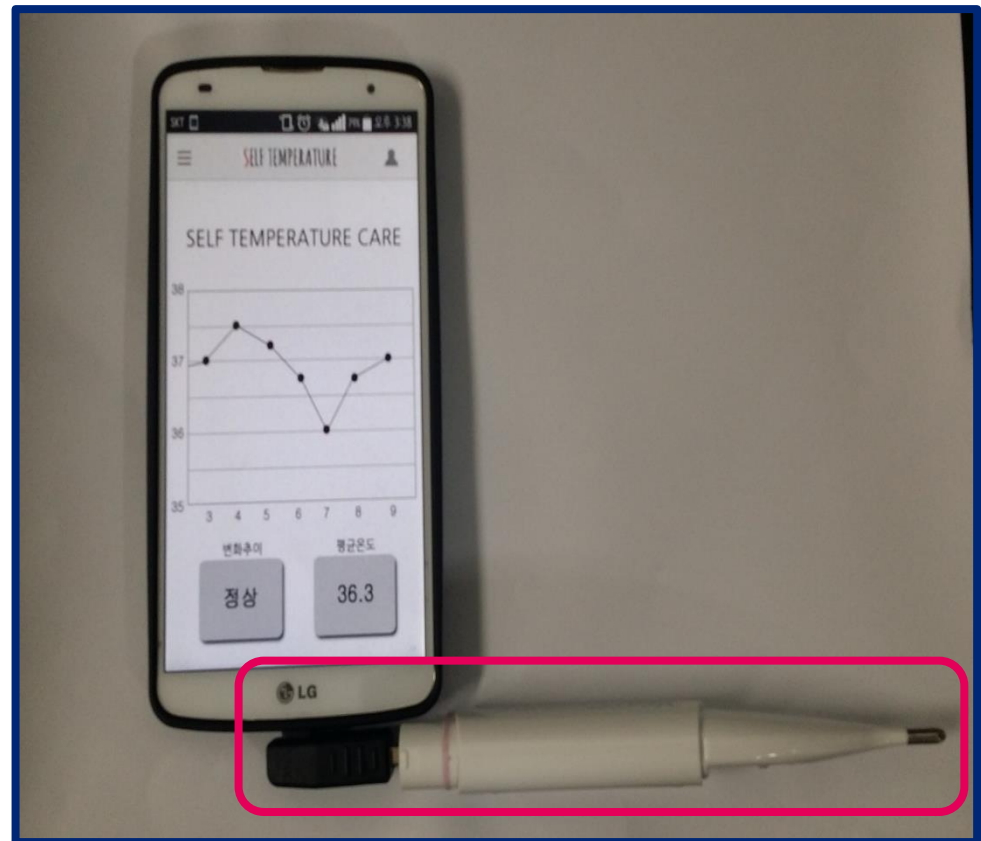
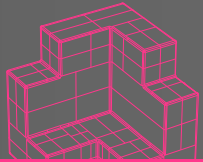


APP 연동
및 개발 연구

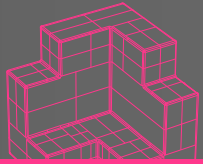


APP
개발

프로젝트 APP 구동과정 (1)



프로젝트 APP 소개



기초체온입력



고온부



저온부

유행성질병

자가진단

가까운 보건소/병원

실시간 질병뉴스

배란일

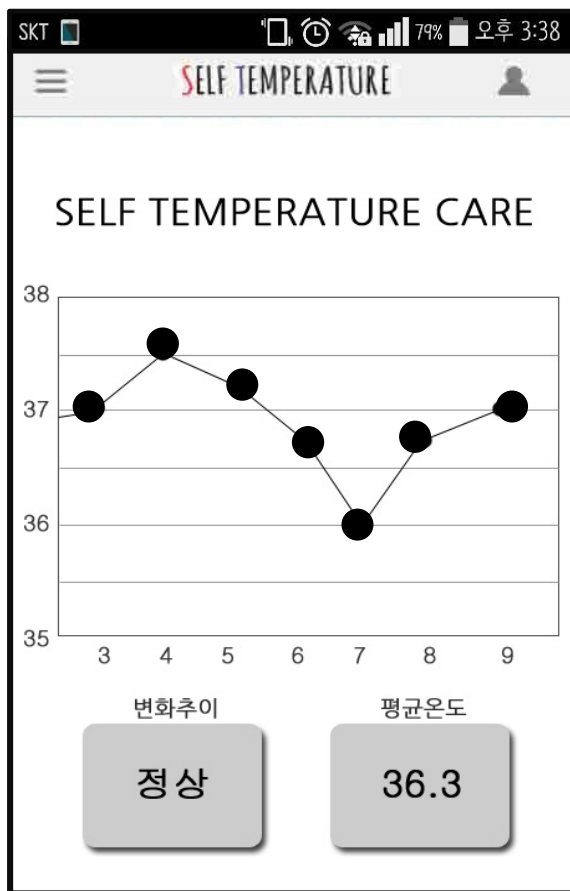
월경예정일

가임기/비가임기

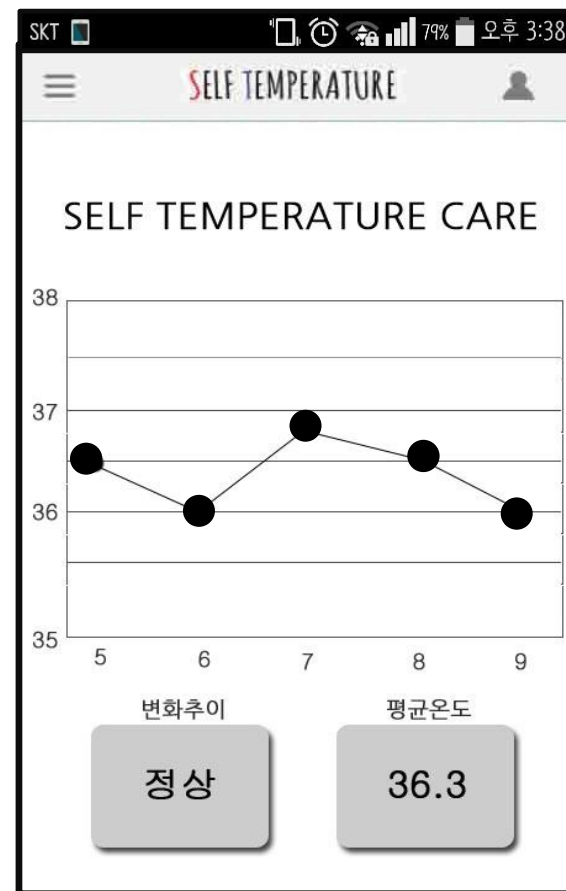
APP 구동과정 (2)

❖자가진단

DAILY

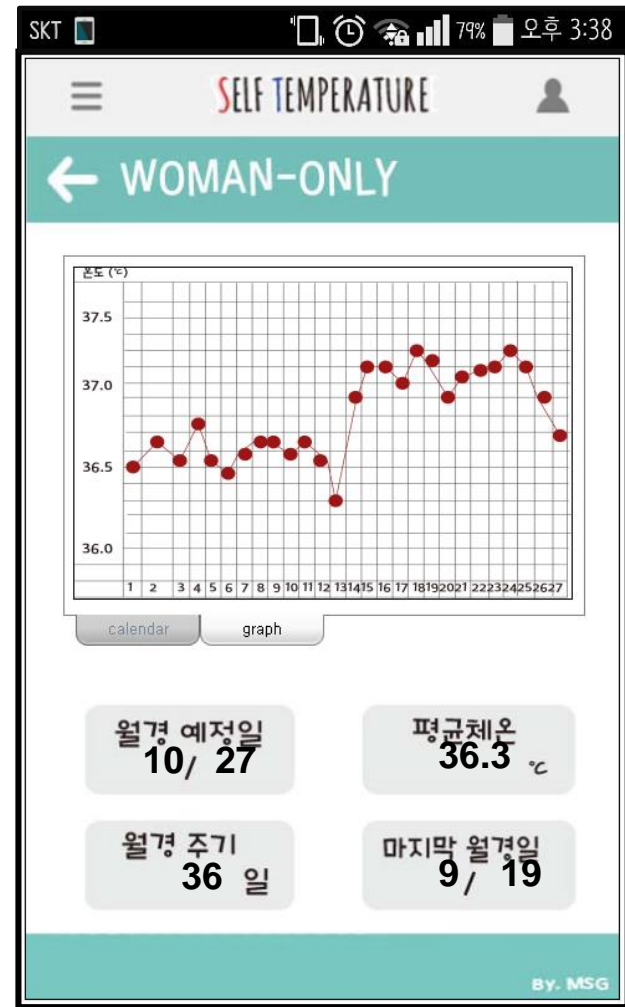


MONTHLY



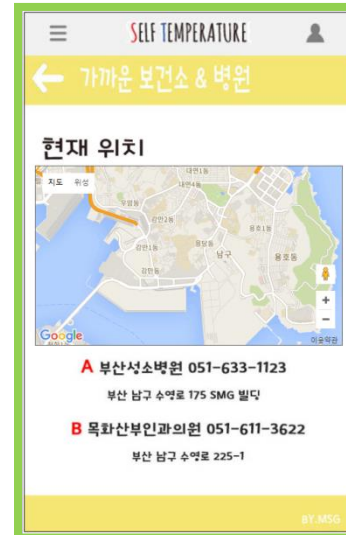
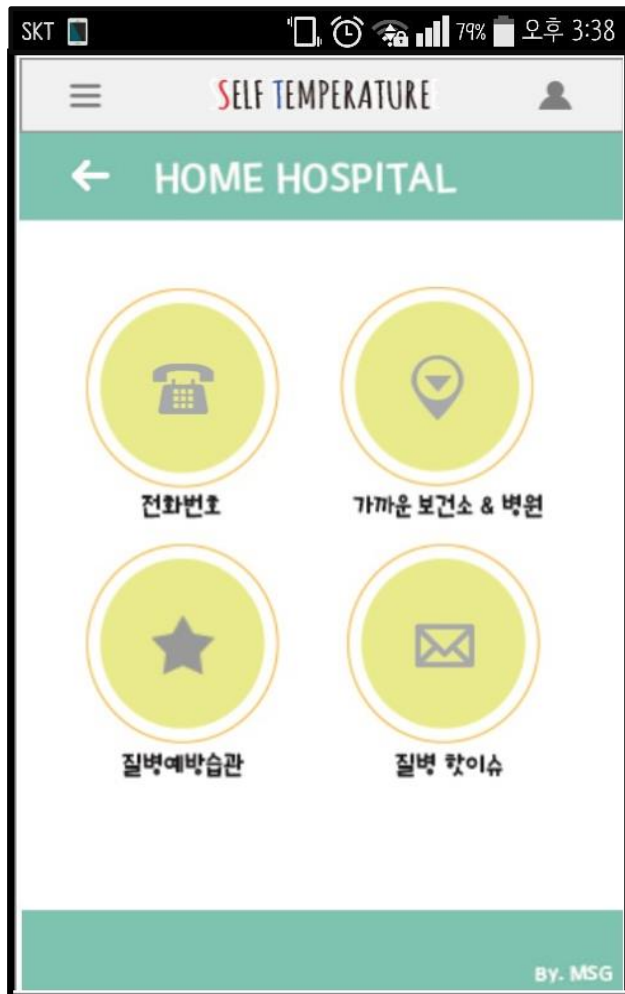
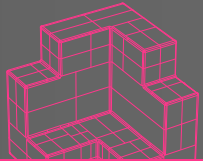
APP 구동과정 (3)

❖ 여성전용



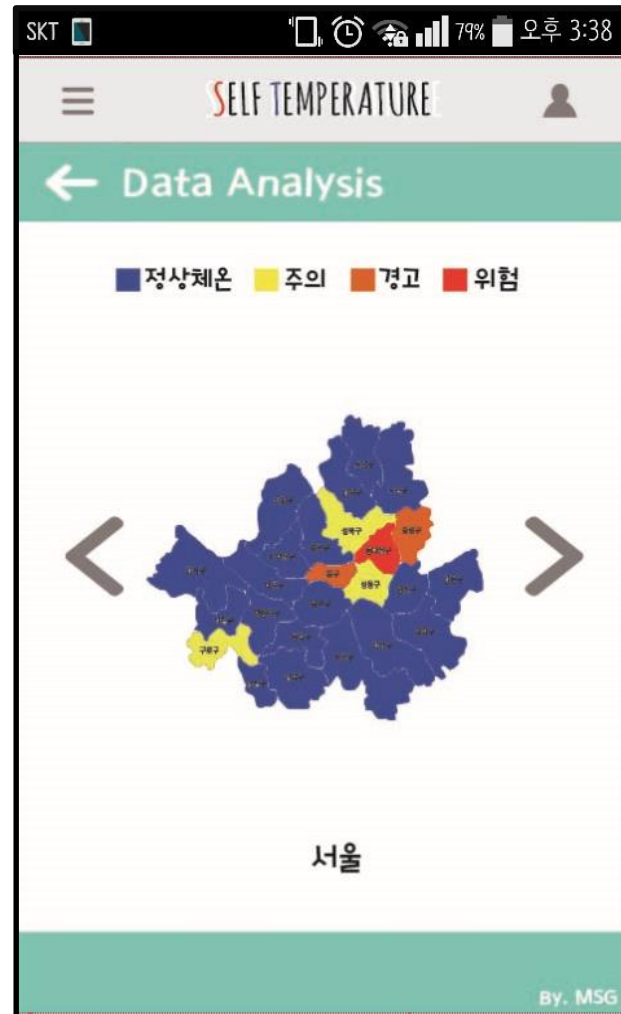
APP 구동과정 (4)

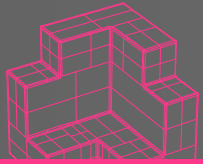
❖원격진료



APP 구동과정 (5)

❖ 체온 그래프 분석





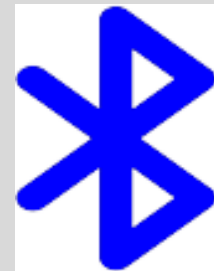
연동 방법



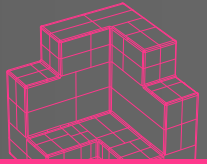
有線 → 無線



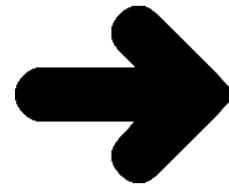
NFC
(near field communication)



Bluetooth



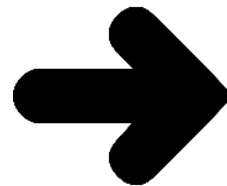
Wearable
Device



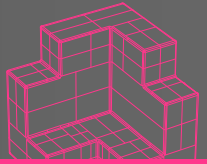
체온 변화 오차범위·
측정 과정 최소화



Solar Cell
Battery



배터리 효율
극대화



원격진료

아이·노인들에게
확대진료가능

피임 문제

배란일을 전후로 한
가임기/비가임기 확인 가능

임신 준비

유행성 질병

자가체온관리로
진단 가능



Thank you !

