PCU

SoftDev Android Project

Smash-k app

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| 1. 프로젝트 주제 및 제목 |

제목 - 메시지와 위치 공유하는 Smash-K 애플리케이션

주제 - 자신의 현재 위치를 친구에게 공유를 하고 메시지를 보내고 받을 수 있는 Smash-K

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| 2. 개발동기 |

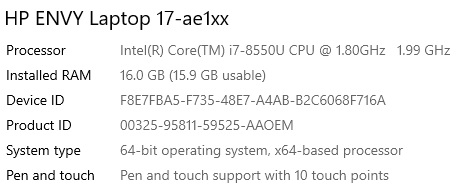
- 안드로이드 스마트 폰에 탑재되어있는 GPS 기능을 통해 자신, 그리고 친구가 현재 어디에 위치하고 있는지와 그 친구에게 실시간으로 메시지를 서로 보내고 받기 위함과 동시에 실제로도 구현이 가능하고 누구나 쉽게 사용할 수 있고 실시간 위치를 통해 미약하지만 방범 효과뿐만 아니라 페이스북 애플리케이션을 만든 마크 저커버그가 처음으로 자신의 위치를 공유할 수 있는 기능으로부터 시작한 것을 통해 이처럼 우리도 만들어 본적이 없는 애플리케이션 개발을 간단한 위치 공유와 메시지 공유를 통해 시작하면 앞으로 다양한 것과 색다른 것을 만들 수 있다고 생각하기 때문이다.

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| 3. 개발환경 |

- 안드로이드 스튜디오 3.6.3 버전 -

- HTML , JAVA -

- KitKat API Level19 안드로이드 버전 4.4 이상 -



- 피리부안야스 노트북 -



- 정지훈 노트북 -

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| 4. 구성원 및 담당역할 |

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| 이름 | 역할 |
| 정지훈 | 그는 채팅 UI 및 친구 목록 UI에서 작업 할 예정. |
| 파스 | 응용 프로그램의 맵 UI에서 작업 할 예정. |
| 파스 | 그는 사용자의 프로필 및 애플리케이션 설정 페이지에서 작업 할 예정. |

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| 6. 액티비티 트리 |

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| 7. 각 액티비티 별 내용구성 및 설명 6번의 액티비티에서 구성할 각 페이지 별 컨텐츠 및 위젯 설명 |

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| Chat Activity |

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| New Group | When the new group button is clicked,  Option to create new group shows with friends list below |
| Chats recycler view | Shows all the previous chat on the fragment in a card view format |
|  | Each card view has a listener to open the chat activity details |
| Search | The search widget is used to search content of chats or list of chats |
| Tab view of other activities | Shows options to change activity to other fragments. |

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| Location Activity |

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| Draw menu to change map view | It allows selected options to change the view of the map |
| Map view | Shows mapped location of user and friends added with their battery percentage info. |
| Add location of friend | It shows option to share location with friends of add friends who are not using our application |
| Search location | Allows user to search or view details of their own location |
|  | More of pop up menus allow user to start chat with friends on map or send signals to friends |
| Tab View of other activities | Shows options to change activity to other fragments. |

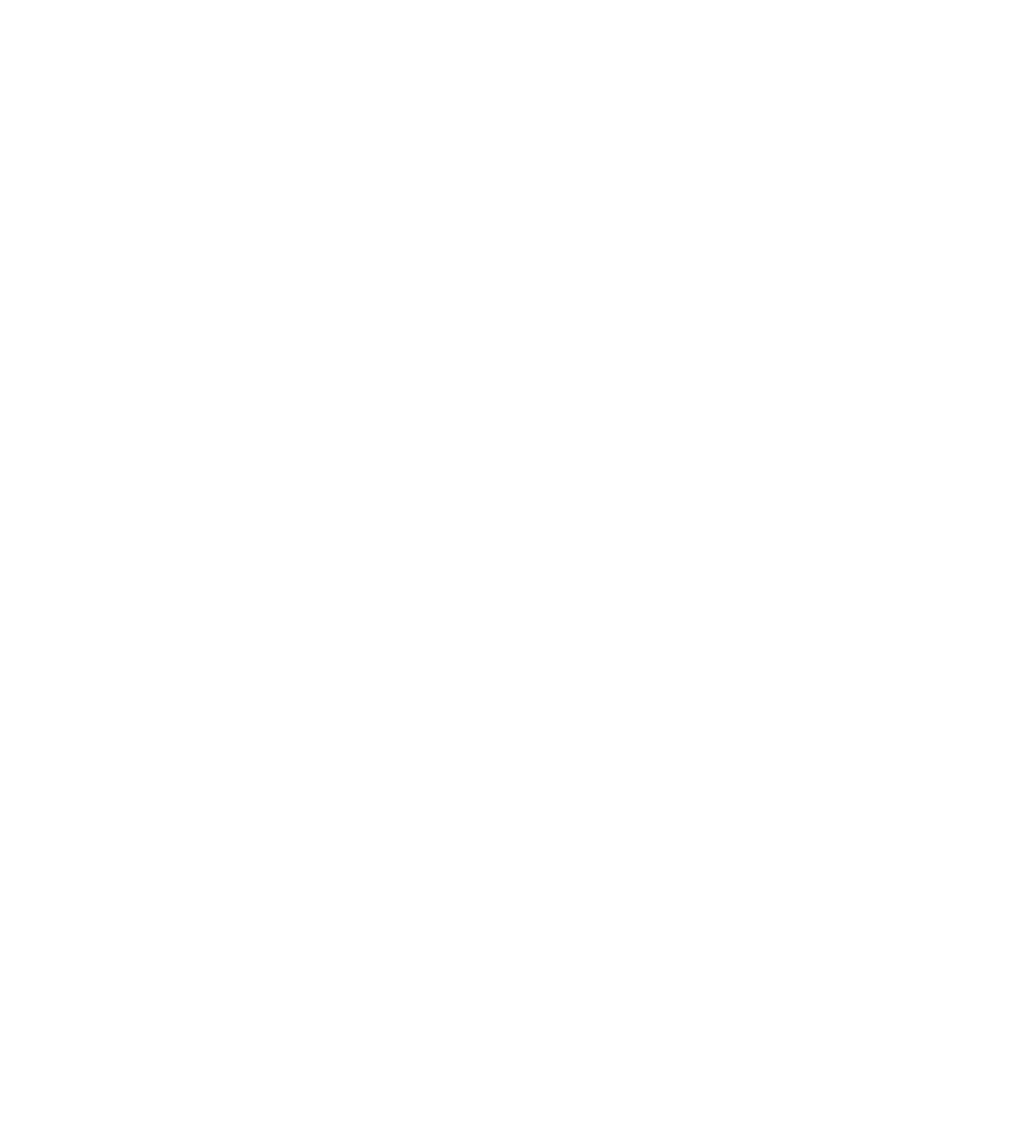
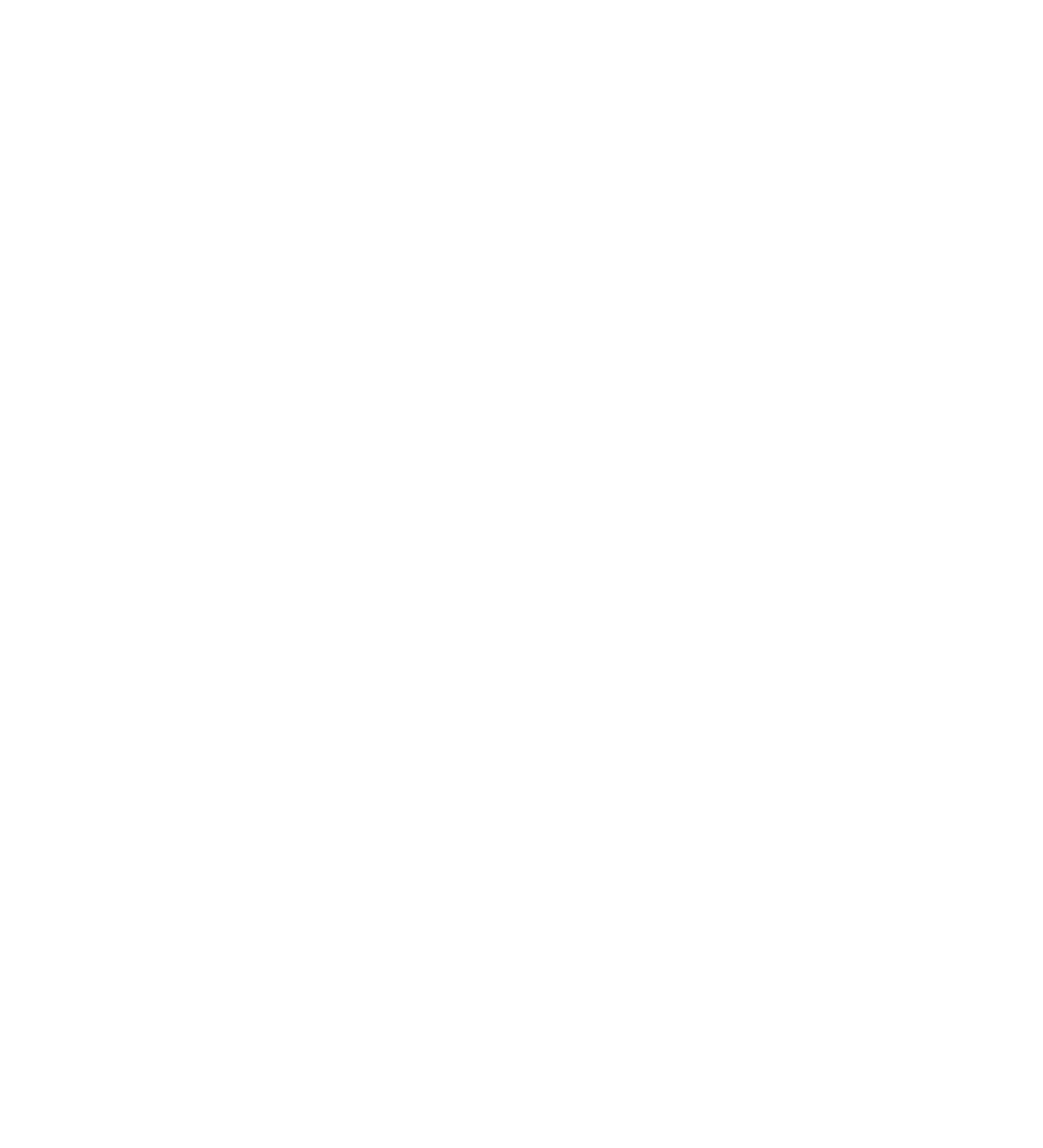
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| Profile Activity |

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| Menu bar | Menu bar is button that shows details of the user information and options to make changes |
| Ghost mode | This allows user to change profile or location and hiding it from desired users |
| Profile | Shows the name and profile image of the user |
| Highlights | Shows current and recent most interesting feed on our application. And can allow user to share the application with other people on other applications |
| Pop ups | Shows the user how many points he has or how many points other users have |
| Change app icon | Allow user to change their apps icon, but has an unlock feature for users who pay only |

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| 8. 스토리보드 |

SHOT #:Group i

Frame layout 1



PROJECT

SCENE

PAGE

DevVision

Views



Details Chat Message Ticks CU MCU MS WS EWS

Card View listener takes user to the Detail Activity to send message to other user. The user is allowed to enter message and send the corresponding profile . Database implemented to send messages users messages tick when message is read

Views

Search User or Cancel

SHOT #:Search

Search Cancel CU MCU MS WS EWS

Search- Allows user to search a user or recent chat keyword. An option to cancel returns user to the chat main.

Views

Card Views in Recycler View for Chats

SHOT #:Chats

View Listener Profile Details MCU MS WS EWS

Card views in the recycler view accept a listener to show chats with friends.

Card view indicates users inform and hint of previous chat detail activity or messages number

Views

New Group

Tab View- focused on Chat

NG S Card

New icon --- Option with friends list with check button. Selected list of friends can form a group

Cancel-Option returns to Chat Fragment

Card View – Card view of chats has a listener to details of the chats.

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Chat Activity

SHOT#:Chat

SHOT #:Map Lense

PAGE Location Activity

SHOT #: Scan friends’ location



PROJECT

ECU

CU

MCU

MS

WS

EWS

LENS:

ECU

CU

MCU

MS

WS

EWS

LENS:

DevVision

Map

Scan friend’s location

1. A drawable pop up menu

SCENE: Profile Activity

It scans the details of the location of the friends on the map and the last time they were connect to the internet on zenly

A drawable pop up menu to add new friends or showing suggestions of list of people you might know.

Google map

1. Traffic
2. Temperature
3. Skip slopes
4. Points of interest

SCENE: Location Activity

Map lense at the top left corner allows user to change the type of map. Or add needed features to search on map.

Smash-K

PAGE Profile Activity



PROJECT

ECU

CU

MCU

MS

WS

EWS

LENS:

ECU

CU

MCU

MS

WS

EWS

LENS:

DevVision

Highlights

1. Click on Image
2. Name Editable
3. Highlights
4. Icon Changer

SCENE: Profile Activity

SHOT #: Profile

1. Click on Image – Image picker event on image
2. Name Editable – button that allows the displayed name to be changed
3. Highlights – Shows details of activities
4. Icon Changer- Locked feature. unlocked feature allows user to change their application icon

Setting

A pop up menu

SCENE: Profile Activity

SHOT #:Setting

This icon on the top left corner allows user to making settings on their profile and also display basic data of user from registration Activity

Smash-K

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| Chat Activity | |
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| Location Activity | |
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| Location Activity | |
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| Location Activity | |
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Thank you