CJSG

요구사항명세서

Version <1.0.1>

이 페이지는 CJSG 프로젝트의 요구사항과 설명을 정의합니다.

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| **<27/03/24>** | **<0.1>** | * **문서를 시작합니다.** * **요구사항과 설명을 정의합니다.** | **LEE HOE CHEOL** |
| **<07/05/24>** | **<0.1.1>** |  |  |
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# Introduction

## Purpose

*Smartphones are inseparable from our lives.*

*But when you have to focus or hang out with people*

*I have to take my phone off for a while and focus only on my schedule and my daily routine.*

*We decided to work on a project to create this environment.*

## Scope

*This application is built on Android.*

*Users can manage weekly schedules through their phones Certain functions allow you to set your schedule and lock your phone.*

## Definitions, Acronyms and Abbreviations

* *NULL*

## References

* *Scheduler Apps on the Play Store*

## Overview

* *This scheduler app can manage weekly schedules and offers a variety of features.*

# Overall Description

* *product perspective : This application is an Android-based weekly scheduler that allows users to   
   easily manage their weekly schedules.*
* *product functions :  
  - Weekly Scheduler at a Glance  
  - Add and edit schedules  
  - Schedule name, content, time, place, mobile phone lock, etc. can be set*
* *user characteristics : The user is an Android device user with different ages and usage experience.*
* *constraints :  
  - The application should be developed on the Android platform.  
  - It should be designed as an offline application with no server functionality.  
  - You should use colors and fonts that are readable.*

# Specific Requirements

## Functionality

1. Add Weekly Schedule function  
   - Users must be able to add schedules on a weekly basis.  
   - When adding a schedule, you must be able to specify the title, date, start time, and end time of the   
    schedule.
2. Place setting function  
   - When you add a schedule, you must be able to set where it occurs.  
   - Place settings must be able to be specified by address or by a location on a map.
3. Mobile phone automatic lock function  
   - When you add a schedule, users should be able to select the option to automatically lock their phones   
    at the start of that schedule.  
   - When this option is enabled, users cannot use their phones and only use time, schedule information,   
    and emergency calls on the screen.
4. Edit and delete schedules function  
   - Users must be able to edit or delete the weekly schedule they add.  
   - Edit functions should be able to modify the title, date, start time, end time, place, and so on of the   
    schedule.
5. View your schedule at a glance function  
   - Users should be able to check the list of weekly schedules they have added  
   - The list must contain information such as the title, date, and start time of the schedule.  
   - The schedule should be easily viewed at a glance using UI/UX.
6. Notification function  
   - Users should be able to receive notifications at the start time of the added schedule.

## Usability

1. Tutorials on Required Features  
   - As universal users use the app, they need to provide tutorials  
   - Tutorial time: Within 2 minutes
2. Measureble working hours for general tasks  
   - Adding a weekly schedule usually needs to be completed within a minute.  
   - Modification and deletion of the schedule must be completed within 30 seconds each.
3. Compliance with usability standards  
   - Use UI/UX to use the features and interface designs that users are familiar with.

## Design Constraints - Software languages and environments : Android Studio(Hedgehod) – JAVA - Software process requirements : Agile software development methodology must be followed.

## Interfaces

### User Interfaces - Users should provide an intuitive and easy-to-use user interface to add, modify, and delete weekly schedules. - You need to create UI/UX design elements using pygma and implement UI using Android basic UI components.

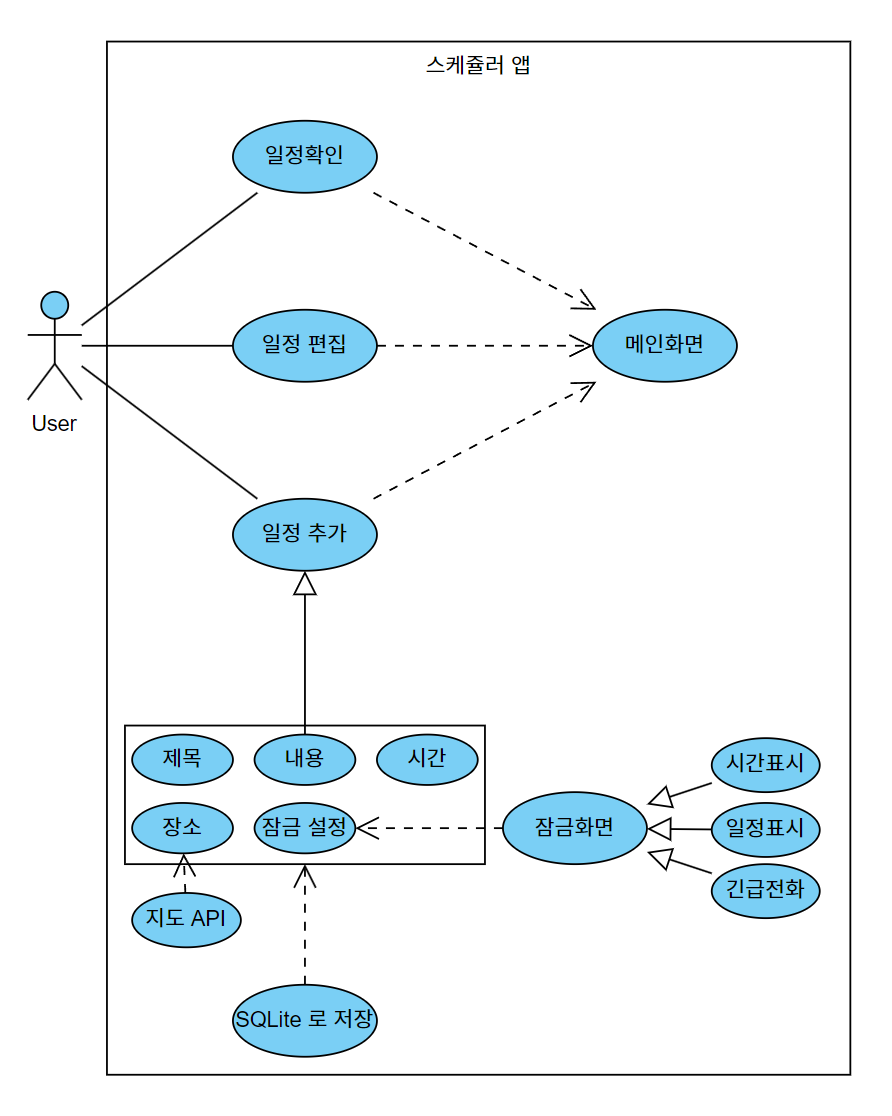
### Hardware Interfaces - GPS : The application must be able to access the GPS functionality of the Android device to check the current location of the user and set it to a certain location. - Display : The application must display the schedule and interface to the user using the display on the Android device.

### Software Interfaces - local database : Applications must interact with the local SQLite database to store and manage schedule data. - Android system service : Applications must be able to interact with Android system services to access hardware resources and other system functions.

## Copyright

- copyright notice :   
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# Supporting Information

* *Usecase diagram  
  *
* *Interface Description*

