

1. Chosen Scenario

Scenario 6: Student Study and Time Management App

Summary:

Student Lisa often feels very stressed because of too many courses, part-time jobs and social activities, and tends to forget the dates of her homework and exams. She needs an application that can help her plan tasks, arrange study time, set goals and track progress.

Why interesting to me?

As a student, I also encounter similar problems and often feel that there is not enough time. Developing this App can help me and other students manage our studies and lives better, reduce procrastination and improve efficiency.

Target audience:

College students and high school students.

Anyone who needs to plan their studies, tasks or time.

2. Related Apps

App1, Goodnotes

Platforms	Android: https://www.goodnotes.com/ iOS: https://apps.apple.com/cn/app/goodnotes-ai-%E7%AC%94%E8%AE%B0-%E7%99%BD%E6%9D%BF-pdf/id1444383602
Strengths	Cross-device synchronization. It is convenient to classify. Convenient for import and export.
Weaknesses	It cannot be intelligently classified. Handwriting is required. The price is high.
How your app will be different or offer more value	Free, intelligent recognition and organization of handwritten notes

App2, Google Calendar

Platforms	Android: https://calendar.google.com/calendar/u/0/r iOS: https://apps.apple.com/cn/app/calendar-for-google-calendar/id1596
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Strengths	Strong schedule management function. Cross-device synchronization.
Weaknesses	The learning tasks are not detailed enough. There is no learning goal tracking.
How your app will be different or offer more value	My App will specifically target learning goals, providing task priority and progress visualization

3. Initial Feature List

User Features	Account registration/login. Edit personal information.
Core Features	Task addition: Homework, exams, learning objectives. Settings and deadline reminders. Daily study plan generation.
UI Elements	Bottom navigation bar (Tasks/Calendar/Statistics/Settings). Switch between dark and light modes.

4. Learning Goals & Resources

Concept/Tool	Required Learning	Link to Resource
RecyclerView	displays the task list and schedule.	https://developer.android.com/develop/ui/views/layout/recyclerview?hl=zh-cn
Room Database	Store task data locally.	https://developer.android.com/training/data-storage/room?hl=zh-cn
Notifications API	sends assignment and exam reminders.	https://developer.android.com/develop/ui/views/notifications?hl=zh-cn
ViewModel & LiveData	data and interface are updated synchronously.	https://developer.android.com/topic/architecture?hl=zh-cn

Material Design	Design modern UI.	https://m3.material.io/
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