

# Reflection

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## 1. What knowledge and/or skills did you learn?

### a. Aspects of language?

We took the initiative to learn about how to develop mobile applications using the android studio on MacBooks and computers. It includes newly learned material that we need to spend time to be master at it. In addition, we also reviewed old materials that we learned and studied how to use them on the android studio.

### b. Specific topics?

- Android studio
- Shared Preference
- Layout XML

### c. Specific java class?

- We imported and used an outside library for the actual calendar

### d. Project management?

- Similar to last time, we used sprint methods to help us to set goals and complete development at each stage, reevaluate our progress and sets development goals after each sprint. One thing that has helped a lot was our regular meetings, which gave everyone an overview of what we are at, and throughout our discussions, we made clear to everyone else what we have done and what everyone needs to do.

### e. Time management?

- We prepared a work log at the beginning and continue to record our progress after each day of development. And we set progress goals at

different stages to regulate when is which part of the code is supposed to be done to develop good time management in our group.

2. What problems did you experience?

The main problem we encountered in each stage of sprint development was the missing of enough planning in the beginning. When we start our work at the beginning of each step, our goals and expectations for the next level program are often too general and unclear. We tried to solve this problem by more planning and brainstorming at each stage, evaluating the current process of our program, and continuing our discussion. We solved this problem by using discord, which enabled us to talk to each other easily. I learned from this experience that communication is one of the most important aspects of teamwork and the agile methodology.

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