

CS6019 Phase 2 Code Reviews

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Reviewer: Olivia Cheng (team12)

1. **Code Improvement:** During the code review, it was an excellent opportunity to gain fresh perspectives from another team's work. One area we identified for improvement in our project is the storage functionality. Currently, our app can only save the latest drawing, and this limits the user's ability to keep multiple drawings. Olivia suggested that we could enhance our storage capabilities by using a Room database. While we recognize the potential of this improvement, we also acknowledge that implementing it is a substantial task. It involves detailed workflows that exceed what we can accomplish during this phase. Therefore, we've decided to plan for this enhancement in the next phase.
2. **Comparison of Functionality:** We compared a common piece of functionality in both our projects during the review. The functionality we discussed was related to the storage of drawings. Both our team and the other team currently allow users to save and load only one drawing. This similarity highlights an area where both projects can improve and provide users with more flexibility. Additionally, we discussed differences in the pen settings. In our app, users can change pen settings, such as color and shape, while drawing, providing real-time customization. In contrast, the other team's app requires users to set up pen attributes before starting each drawing. This distinction in functionality might impact user experience.
3. **Testing Enhancements:** We identified areas in our code that require additional testing during the code review. While we have already implemented testing, we recognized the need to include more test cases to cover button press actions and their expected responses.