**Mobile Application Development – C196 passed 1 week**



I couldn't find many posts for this class so I wanted to share my approach for anyone needing help with this course.

| **Day** | **Effort** | **Task** |
| --- | --- | --- |
| Saturday | 2 hrs | Download and set up Android Studio. |
| Sunday | 10 hrs | Worked through the CodingInFlow tutorial: <https://www.youtube.com/watch?v=ARpn-1FPNE4> I feel like this wasted my time but other students found it useful. |
| Monday | 5 hrs | Scrapped the project I built with CodingInFlow and started fresh. I followed this cohort and coded along with the video as the instructor covered the code: <https://wgu.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=ab3381ea-b654-4d2c-a45b-ac2600385f18> |
| Tuesday | 5 hrs | I followed this cohort and coded along with the video as the instructor covered the code: <https://wgu.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=dfc4ef5f-9ffe-4981-9f9d-ac50014573bc> I also took screenshots of the UI so I could mirror it in my project. |
| Wesdnesday | 5 hrs | Continued to build out the classes needed for the entities not covered in the videos. |
| Thursday | 5 hrs | Started building the UI layouts. |
| Friday (PTO Day from work) | 15 hrs | Completed the UI layouts (need both landscape and portrait) and watched Carolyn's part 4: finishing touches cohort and coded along with the instructor as she covered the code. Also added toolbar options to all screens, wrote the paper, and created the storyboard. I chose to have the notes send as email instead of text because it was simpler. |
| Saturday | 7 hrs | Finalized the error handling and alerts, built the project APK, and submitted. |

I highly recommend the ROOM framework and taking a look at the cohorts I mentioned above. If I wanted to do it faster I would probably not do the CodingInFlow tutorial and go straight to the cohorts listed. I didn't follow the Bicycle shop cohorts because I couldn't sit through them with the audio quality. The two I listed gave me the knowledge I needed and the basis to build off of, from there it was a lot of copy and paste, Google and patience with the UI layouts. The UI Layouts I dragged and dropped the pieces where I wanted and in the design screen clicked the 'infer constraints' wand. Sometimes it did some crazy things and made the UI components fly all over like Microsoft Word when you add images so I would right-click on the components that went haywire, remove constraints and manually add it in the XML. The layouts were the most challenging part for me to get right.

Good luck everyone!

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Thanks for the write up. I got this class coming up in soon.

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No problem! Hope it helps!

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Hey, I'm just starting this class, and attempting to organize the resources to develop my workflow.

The available webinars appears to be the bicycle shop, 2020 and 2019 versions, and the database management fundamentals, from 2018. I started going through the bicycle shop, where I've been used to coding along with the instructor, but in this series it seems to skip a bunch of work and kind of brushes over them with minimal explanations, saying to use the code repository.

I was wondering if those were the webinars you were referring to?

If not, definitely trying to find the cohorts you used on Monday and Tuesday if anyone had located them.

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The bicycle shop ones were pretty difficult for me to follow so I used some different ones on the page posted by Malcolm. Is there any chance you can send me a screenshot of the link page and I can point out the ones I used? They were near the top of the page but someone else had mentioned that the links no longer worked as well so I am wondering if they took them down.

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Massive do you still need help in this course I'd be willing to get on some type of call with you like a Google meet or something?

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For some reason the cohorts you have listed say they are no longer available. Do you recall the title of them?

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They were the two top links on the page where the cohorts were listed and were done by the male teacher, I believe his name was Malcolm W. I think one was 'Connecting to the database' and the other was something along the lines of 'Room With A View'. If you don't see those and can send me a screenshot of the page, I can point them out for you. I have graduated so I don't have access anymore, unfortunately.

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Seems like a lot of the Webinars have been possibly removed? Specifically the 'Overview of two approaches' and Implementing with POJO approach' seem to be gone. Maybe they removed anything to do with POJO approach?

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I feel like this post is the best write-up so far on this course so I will add this link here. If you need some help understanding the basics, as they were not well explained in the course videos, this [YouTuber](https://www.youtube.com/watch?v=MtmHURWKCmg) is a good resource.

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I've been fighting with the evaluator's on this for a week and a half yet I can get an approved app in the Google play store for various companies (yes I do this as my main job) this app is simple but in my opinion the evaluators' aren't good and are not aligned, and the requirements for this app actually sucks and is open for too much interpretation.

All in all this is a very simple app I can see how some it would take less time than other's but the approval from an evaluator is more difficult than Google Play and the Apple App Store. I hate this app with a passion.

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Sorry to hear that! Some of the PAs were a pain in the ass with the vague requirements for sure. Hopefully they pass yours soon so you can put it behind you

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What is the advantage to installing the Android Studio over using something like IntelliJ IDEA for development?

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Helpful

Android Studio is IntelliJ just specially focused on building Android apps. It has everything you need built right into it for emulating devices, creating the UI, and all that. I don’t remember but it might be required for the project, but if not, I think it’ll make the project easier so I recommend it.

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Thanks for the write up. Unfortunately the CodingInFlow tutorial uses unsupported elements so I have kind of hit a wall there (but the videos are very helpful) and the available webinars do not do a good job explaining the code.

edit: The youtube channel is great I'm just dumb