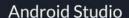


IDE and VCS (Tools Used)





- Android app specific IDE
- % Good for keeping all build/ testing/ run resources together, hard to use, bad VCS



Github:

- VCS
- 5/5 Industry standard VCS, Easy to use



Project Tracking (Tools cont.)



Google Sheets:

- Project Tracking
- % template used was glitchy, but got the job done



Databases (Tools cont.)



Apps.diagrams.net:

- Planning database structure
- % Tedious to use, but very useful for visualizing



SQLite:

- Database management system
- % Challenging to integrate with Android Studio

Communication (Tools cont.)



Zoom:

- Remote communication
- 5/5 screen share is very useful and being able to hold meetings remote was vital



GroupMe:

- Communication
- % Sometimes notifications did not work



Testing/Deployment (Tools Cont.)



Android Studio Tests:

- Testing
- % Buggy and not intuitive



Google Play Store:

- If we wanted the app to go public, we could get a dev license and put the app on the Play Store
- N/A Chose not to deploy

Methodologies

Agile

- Selected to allow everyone could work independently and at their own pace
- Allowed us to get a baseline app working rapidly

Peer Reviewing:

- Allowed us to work together to troubleshoot specific sections of code
- Useful for similar errors that carried across multiple people

Our Challenges

- 1. Not being able to meet up because of COVID-19
- This slowed down our progress significantly
- We overcame this by having zoom meetings instead
- It affected our original project because we weren't able to add more features

- 2. Using Android Studio
- None of us have ever used it before
- We overcame this by watching YouTube videos and utilizing google
- It affected our original project because we had to learn how to use it before we started coding taking up a sum of time

Challenges Cont.

3. VCS Mishap and Issues

- Day prior to demo, master branch was overridden
- Unable to revert the files
- We were forced to restore our project to an outdated version on a new repo
- May have prevented us from having a working app

Demo

- Make a new user account
- Add in a new log
- Look at all logs