

What went well

- Custom Geolocation picker was easier to implement than previously thought.
- After the database was connected, getting posts to render properly in the TimeLine went smoothly.
- Implementing a new stack navigator for the image picker.
- Themes work on all devices now.

What didn't go well

- Integrating new code would sometimes break older code.
- Getting the image picker to work with the image carousel.
- Unused code was resulting in failed tests.
- Profile page was not completed due to difficulty and requiring features that had not been implemented.
- Authentication was not completed due to difficulty.

What could be improved

- Design and feel of the product
- Merging code from different working parts occasionally broke the app for a little bit. We could be more careful when changing the code around.
- Making more reusable components for ease of use.
- Automation of snapshot tests would allow us to make sure code wasn't breaking.

Challenges

- The first hurdle of getting database reads and writes completed took a long time. Once it was connected correctly for one use case, it was easy to connect it in other places though.
- Jest does not have native support for testing on both ios and android in the same test file.
- Jest Expo has to be specified, so a lot of time was spent trying to use basic Jest which was incompatible with our code.
- Understanding how react native and expo worked together to import database usage was difficult in the beginning.
- Authenticating Users requires specific API keys that have to be generated for different implementations of the app.