**Requirements for pRide development**

**IDE:** recommended IDE to use is Firebase, a google owned development environment for applications used on the web and mobile devices. There is a free option for the IDE.

(In the video tutorial linked in the flutter section, there is an option for Android Studio)

<https://firebase.google.com/> - main website

<https://firebase.google.com/pricing> - features included within free option.

**Language:** Flutter, this google made tool kit is used for developing cross platform applications. Flutter has a java-like feel to the coding and focused on quick and easy development.

<https://flutter.dev/> - main website.

<https://flutter.dev/docs/reference/tutorials> - flutter based tutorials.

<https://www.youtube.com/playlist?list=PL4cUxeGkcC9jLYyp2Aoh6hcWuxFDX6PBJ> – Youtube Flutter Beginners playlist.

**Database:** There are a few options for databases to use with a Flutter application. If using the Firebase IDE, you can use their NoSQL Database. SQLite is another option, using their smaller, serverless, single file options to store data. Finally, we can use Postgres, a SQL based relational database. This option is scalable but requires a hosting space.

<https://www.sqlite.org/index.html> - sqlite homepage.

<https://www.postgresql.org/> - postgres homepage.