

## Risk Analysis

Risk	Description	Likelihood	Effect	How it will be dealt with
Coding ability in React Native	No one in the group has any experience with React Native in the past, so setup and coding might be tricky	Fairly likely	Fairly high	We will spend more time at the start of the project learning how to set up React Native and learning how it works
Coding ability in PHP	Only one member has a lot of experience using PHP	Fairly Likely	Not very high	Lukas can help other group members with the backend, and more time can be spent learning PHP. Our PHP scripts wont be very long either
Using Firebase	No one has used firebase before, so setting it up might be an issue	Fairly Likely	Not very high	Firebase is very well documented and gives straight forward tutorials for setup and using Realtime databases, so just reading and understanding these tutorials
Group member not doing expected workload	If a group member doesn't do enough work	Not very likely	Very high	Other group members would have to pick up workload, and consider removing some planned features to compensate

Integrating Firebase and MySQL database	As we might be using two databases for our project, making the two work together might be tricky	Fairly Likely	Not very high	Have some sort of key that you can use to search for users
Using an android emulator	Most of our group members don't have an android phone, so we would have to use an android emulator	Very high	Not very high	Integrating React native, expo and android studio is very well documented, so it shouldn't cause much of an issue if we follow the tutorial.
Having our project work both on Android and IOS	As we plan on having our app available on both android and IOS, which may lead to implementation and integration problems	Fairly Likely	Fairly high	Make sure we test our app both on android and IOS throughout the development process