

Apple

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## Development Project

The Norwegian authorities are implementing a number of measures to limit the spread of covid-19. One of the measures being worked on is developing an app that will send information about where the user is and who the user has been in close contact with. The purpose of the app is to connect data retrieved by the app with information about infection status so that those who have been in close contact with infected users can be quickly notified that they should begin quarantine. Norway is doing this in collaboration with other countries, including the UK. Development is well underway, but we face challenges in both hardware and software. To succeed, we are completely dependent on the help of important actors like Apple. We are trying to get this in place as soon as possible as the usage of this capability is time sensitive.

The app should be voluntary to download. When downloading, you must consent to the app tracking your movements and registering who you are nearby. This information will be sent to a central registry. The intention is to have as many people as possible share data about their movements for the common good of society. For this to be effective, we will require a large proportion of Norway's population using the app.

The app will obtain the positioning from CoreLocation. The app will use other available technology to detect if two users of the app have been within a few meters radius of each other. The location data and nearby phone data will be stored in a central database. When an infection is detected, the database will be used to identify who should be notified - probably by text message - that you have been in close contact with an infected person. The app will have a phone number authentication feature at startup.

It is important that all actors, government, research and industry work together during this difficult time. This development project is led by Simula Research Laboratory, and both Microsoft, Shortcut and Scienta have contributed so far with manpower and technology. This spirit of cooperation is vitally important to the success of the project. We look forward to your important contributions in this endeavour.

Sincerely  
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