# FULL STACK SOFTWARE DEVELOPER

## TECHNICAL ASSIGNMENT

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**Task (I)**

Develop a web application using any of your preferred language or framework, the web app should have the following features:

➔ A user should be able to register to the web application by submitting the following information:
  ◆ Name
  ◆ Email
  ◆ Profile Picture
  ◆ Phone
  ◆ Password
  ◆ Role (The user can either be an admin or a normal user)

➔ A user should be able to log in to the web application using the following information:
  ◆ Email or Phone
  ◆ Password

➔ Once a user logs in to the web application, they should be able to **view** and **edit** their profile information

➔ A user should be able to log out of the web application

➔ The web application should have a super admin user, the admin should be able to:

  ◆ Create users
  ◆ Edit users
  ◆ View all users
  ◆ Delete users

You are free to use any language or framework that you like but we require the web application to be hosted on [Heroku](Heroku)

**Task (2)**

Develop an Android application using [React Native](#) or [Flutter](#). The app should communicate with the web application described in Task (1) using a RESTful API

The app should have the following features:

➔ Allow a user to register to the web application using the Mobile app.

➔ Users should be able to login using their credentials

➔ Users should be able to view their profile information once they register

➔ Users should be able to edit their profile details on the app.

We recommend that you do not focus on the design of the application but focus on the functionality, these tasks will help us get a better sense of your programming skills.

This is the first step in our recruitment process. Only successful candidates will be contacted for the next and final interview.

Do not use any ready-made projects, as this can be easily noted. All candidates whose solution will not be their own will be automatically disqualified from the process.

Please note, you must complete and submit the deliverables by **22-01-2020** COB

We expect the following deliverables in your submission:

● Link to the web app with Super Admin Credentials

● Link to the web app repository on Github

● Android APK file of the mobile application

● Link to the mobile app repository