

# Mobile Development Track

DevFest 2020

## Description

The Mobile Development track is a set of 5 different challenges, one of them is an online safety challenge while the rest are different level challenges:

- ❑ 1 Easy challenge : **50 points**
- ❑ 2 Medium challenges : **100 points per challenge**
- ❑ 1 Hard challenge : **200 points**

A bonus of points is given to one of the competitors based on the organizational and creativity aspects. Eventually, this track will have one winner based on the highest score in the 4 challenges (online safety challenge excluded since it's optional and it has its own prize )

The challenges of this track are:

### First challenge: Create UI screens

**Difficulty level :** Easy

**Points awarded :** 50 points

**Description :** In this challenge you will implement some clean beautiful screens since the first thing that every user notices about your app is your UI.

You will find all the details you need in the corresponding folder of the track.

### Second challenge: Firebase Login/Registration

**Difficulty level :** Medium

**Points awarded :** 100 points

**Description :** In this challenge you are expected to create a mobile app with your preferred framework using Firebase authentication.

You will find all the details you need in the corresponding folder of the track.

### Third challenge: Splash Screen

**Difficulty level :** Medium

**Points awarded :** 100 points

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**Description :** Create a Splash screen which is a screen that appears when you open an app and which usually contains the application logo with a beautiful animation.

You will find all the details you need in the corresponding folder of the track.

### **Fourth challenge: Github App**

**Difficulty level :** Hard

**Points awarded :** 200 points

**Description :** In this challenge you'll build a simple mobile application with a super cool user interface that interacts with the Github API.

You will find all the details you need in the corresponding folder of the track.

**Online Safety Challenge:** Privacy and Identity Protection (Only those who registered for the online safety challenge are eligible to submit their solution)

### **Bonus points**

As we appreciate the excellent and outstanding work, 50 bonus points will be given to one of the competitors in each challenge based on creativity and high quality solution.

### **What to submit?**

You have to submit your solution before Saturday at 7am.

You have to submit the generated code.

### **How to submit ?**

You have to submit using this given submission [form](#).

**Note :** The submitted solution can be a link to either Github/Gitlab or Google Drive.