**GDG Algiers**

# Automation Track

**DevFest 2020**

## Description

The It Automationtrack 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 creative 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 ). in this track you need to submit a secret text that you will find when solving the challenge.
The challenges of this track are :

## First challenge: DoItAgain Challenge

**Difficulty level:** Easy
**Points awarded:**  50 points
**Description:**  This challenge is about unzipping a zip which is composed of a number of nested zips to find finally the final document the secret to submit.

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

## Second challenge:  PasswordChecker

**Difficulty level:** Medium
**Points awarded:** 100 points
**Description:** This challenge is all about web scraping and knowing how to communicate with a web page, basically you will have a web page that will check the regex you will send and test if it matches with the password. Your mission is to recover the password

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

## Third challenge:   CountTheDoodles

**Difficulty level:** Medium

**Points awarded:** 100 points

**Description:** In this challenge, you will learn a lot about Google Doodles.

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

## Fourth challenge:  FindMe

**Difficulty level:** Hard
**Points awarded:** 200 points
**Description:** This challenge will allow you to test your knowledge in map SDKs, basically you are given a list of coordinates and you are asked to get the secret code that will allow you to find a hidden message in the web.

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

## Online Safety Challenge: HateSpeechDetection (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 every 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.