

# COMP3097 – WINTER2023

**Max:** 15 points

## Rules

It is an INDIVIDUAL work and any attempt to cheat will be treated as academic offence and reported according to the school regulations.

## Specification

You are asked to build an application using iOS/xCode. App should satisfy the following requirements:

- Name your project using following convention **Labtest2\_YourName**
- The application is a tracking position of the user.
- It receives the geo location (GPS) from the device (**5** points) and stores it in the memory using dictionary where timestamp is a key and location is value (**5** points).
- App should do it periodically (select best service to do so) (**2** points)
- List displayed to the user is updated with the new information. (**2** points)
- App stores data in the volatile structure (dictionary)
- User should be able to list locations (**1** points)

Note: there is persistent storage required.

Complete project in a zip file should be submitted before the end of the lab on Blackboard.

Verify the submission (check if the file was actually submitted on BB)