Mobile Programming Laboratory

Structure

AA 18/19

University of L'Aquila - Mobile Programming Laboratory
ing. Tarquini Francesco, Ph.D - ing. D'Errico Leonardo

Teachers

Ing. Tarquini Francesco, Ph.D

    Ph.D in Computer Science Engineering

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Ing. D'Errico Leonardo

    Ph.D Student in Computer Science Engineering

    leonardo.derrico@graduate.univaq.it

Reception

CONTACT US BY EMAIL

We are every days in Coppito: Building 1, second floor in DEWS laboratory.

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Teaching Materials

Available on MOODLE platform

http://www.didattica.univaq.it

Google Drive Repository

https://drive.google.com/drive/folders/1ISqZfn0i9Ub3eWNXbvW00rd0hD9ya8OL?usp=sharing

Exam

Every students must design and develop a mobile application, using the Android OS.

The teachers will give some topics and the exam could be developed in student's groups as indicated by the teacher.

During the exam's day, the teachers will review the application.

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Topics

- Overview of Object-Oriented Programming
- Android
  - Introduction
  - Integrated Development Environment (IDE)
  - The First Application
  - Layouts
  - Containers
  - Resources and Qualifiers
  - Intent
  - Menu & Dialog
  - Preferences
  - Permissions
  - Storage
  - Background Services
  - Http Request
  - Notification System
  - Location Services

Topics

- iOS
  - Introduction
  - Swift
  - The First Application