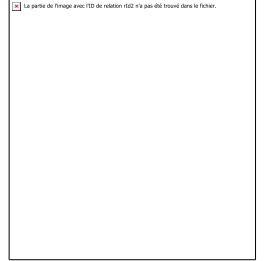


Université Abdelhamid Mehri – Constantine 2
Faculté des Nouvelles Technologies de l'Information et de la Communication
Département d'Informatique Fondamentale et ses Applications



1

Artificial Intelligence of Things (AIoT) -TPs

2^{EMME} ANNÉE MASTER
SDIA
S1

DR ILHAM KITOUNI

24-25

Integrated Geoportal for Smart Management of Public Infrastructure with AIoT

TP-4

Description

The assessment will be conducted during each lab session based on the established plan.

Project Step & evaluation

1. Step 1 : Understand the basic concepts of digital twins, Geoportals, and IoT sensors: semaine 6-13/10/2024

Project Step & evaluation

Step 2 : Use GIS software (e.g., ArcGIS or QGIS) to model the target infrastructures. Create realistic 3D models : 2 weeks (22-28/10/2024)

Project Step & evaluation

Step 3 : Artificial Intelligence Models: (4-11/11/2024)

Project Step & evaluation

Step 4 : Installation of sensors or sensor simulation & **Real-Time Data Processing: (18-25/11-2/12/2024)**

Project Step & evaluation

**Step 5 : Automation and Notifications & Security
and Privacy : (9-16/12/2024)**