



## End of studies' project proposition - Master 2

Specialty : SIOD

University year 2019/2020

### 1. Project identification

- **Title :** FAKE NEWS DETECTION USING MACHINE LEARNING.
- **Keywords :** Fake news, information processing, machine learning, text mining, opinion mining.
- **Abstract :** With the wide spread of social media using, any one can post news at any time. However, much posted information appearing on social media is dubious and, in some cases, intended to mislead. Such content is often called fake news and has the potential to cause serious problems in society. The detection of when a news content is untrue and intended to mislead can be very useful and avoid many social problems.  
In this project, we try to use existing classified fake and true news to learn models that can be used to detect whether a recent posted news is fake or true.
- **Option :** SIOD
- **Provisional schedule :**

Task	Needed time
Study of the domain of text mining	1 month
Study of some existing research works on fake news detection	1 month
Study of machine learning techniques for text mining	2 months
Application on fake news detection	2 months
Tests and validation	1 month
Thesis writing	1 month
Overall time needed	8 months

**2. Supervisor**

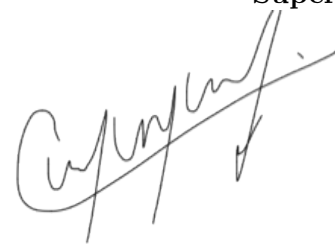
- First Name : **DJEFFAL**
- Last Name : **ABDELHAMID**
- Grade : **MCA**

**3. Student :**

- First name :
- Last name :
- Specialty :

Biskra, 11/09/2019

**Supervisor**

A handwritten signature in black ink, appearing to be 'Djeffal Abdelhamid', written over a horizontal line.