Automatic generation of comments on twitter based on news

Authored by **Carlos Casar**
Directed by **Javier Bejar**

Introduction

- In the era of information, news play a central role.

- A new study from Pew Research claims that 62 percent of people get their news from social media

State-of-the-art

- One of the most trendy fields in the past years in computation is Machine Learning

- The reason for his popularity is the power and scalability on it

- Machine learning has been used in a wide range of applications

Objective

"To develop a tool that is capable of creating new and original comments of news on Twitter"

Scope

- Classify news by topic

- Communication with Twitter

- Comment news on Twitter
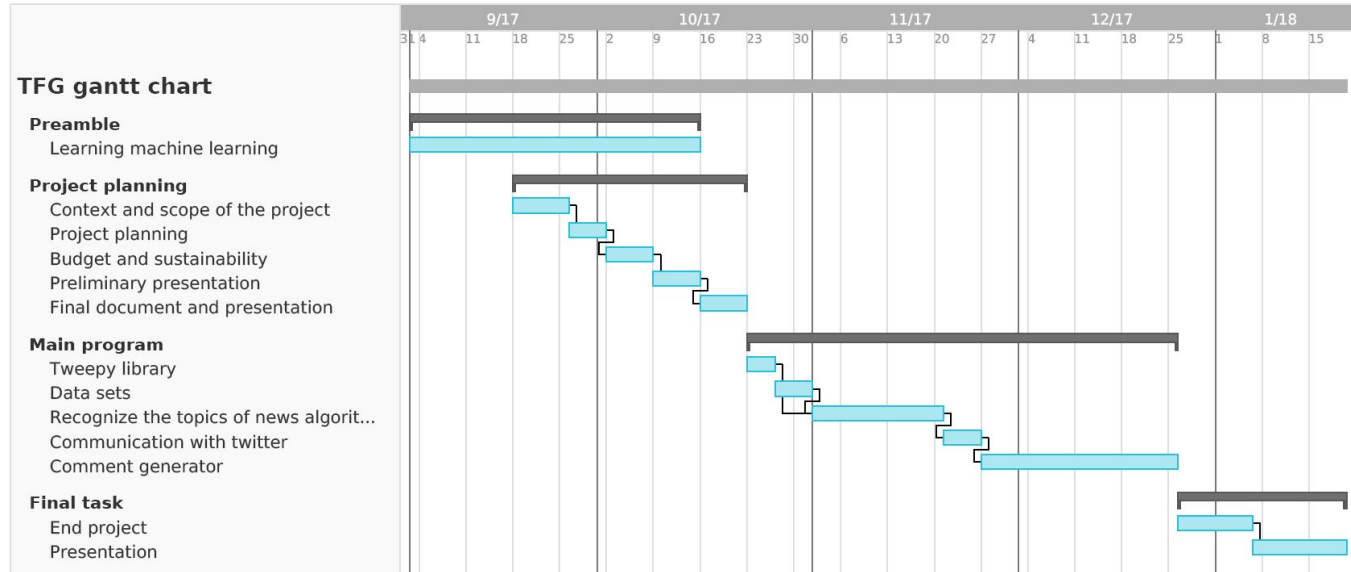
Methodology

- Agile methodology

Time table

Task	Estimated duration(Hours)
Learning machine learning	80
Project planning	80
Tweepy library	20
Data sets	25
Recognize the topics of news algorithm	75
Communication with twitter	25
Comment generator	115
Final task	40
Total	460

Gantt chart

Budget

- Total budget

Concept	Cost
Hardware resources	800 €
Software resources	260 €
Human resources	9800 €
Total	10860 €

Sustainability

- Sustainability matrix

	PPP	Useful life	Risks
Envoirimental	Design consumption	Ecological footprint	Environmental risks
	9/10	16/20	-
Economical	Bill	Viability plan	Economical risks
	7/10	15/20	-
Social	Personal impact	Social impact	Social risks
	9/10	14/20	-
Sustainability range	25/30	45/60	-
	70/90		