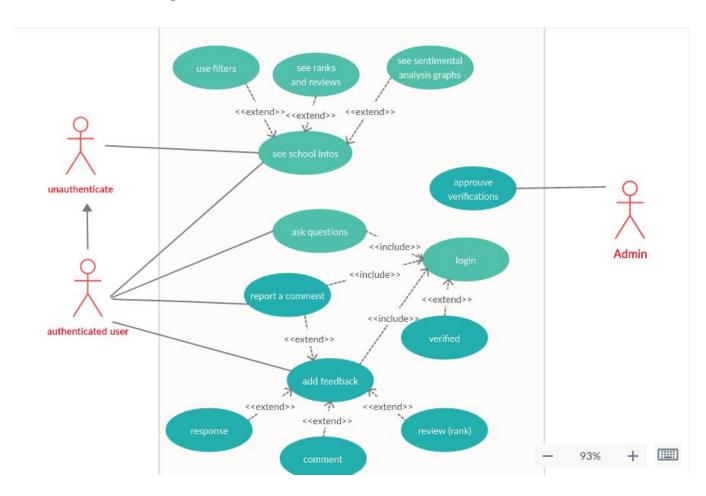# Project description:

Kijatek.com is a platform where undergraduate/high school/college students can see universities and high schools (grandes écoles) branches and ranks. School ranks and feedback are given by school laureates/students. The admin should verify if the user is a school laureate/student. We provide a filter in the platform to select the schools by ranks, private or public, cities, region and available branches. In another view of the website, we will use NLP. future student/ user can find a graph describing sentiments of the laureates that will be done with sentimental analysis on comments/feedback. Also, there will be toxic comments detector done by deep learning on a Kaggle dataset. For the first release of the project, there will not be support for French and Darija/Arabic.

Technologies to use:

> Python (interactive visualization library: Bokeh)
> Docker
> Django Framework
> Bootstrap

Use case diagram:

Database design:

comment

id	int
student_id	int
commented_at	date
is_reported	boolean

comment_reply

id	int
student_id	int
comment_id	int
commented_at	date
is_reported	boolean

region

id	int
name	varchar

branche

id	int
department_id	int
name	varchar
grad	varchar
description	text
number_students	int
acceptance_criteria	text

question_reply

id	int
student_id	int
question_id	int
commented_at	date
is_reported	boolean

role

id	int
name	varchar
description	text

city

id	int
region_id	int
name	varchar

staff

id	int
role_id	int
first_name	varchar
last_name	varchar

student

id	int
branche_id	int
city_origin_id	int
email	varchar
first_name	varchar
last_name	varchar
gender	varchar
grad_date	date
semester	int
verified	boolean
verification	bytea
type_file	varchar

establishement

id	int
director_id	int
city_id	int
name	varchar
establishement_type	varchar

department

id	int
responsible_id	int
establishement_id	int
name	varchar

question

id	int
student_id	int
asked_at	date
is_reported	boolean

review

id	int
student_id	int
establishement_id	int
review	int

establishement_type

type	varchar
fees	int

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