

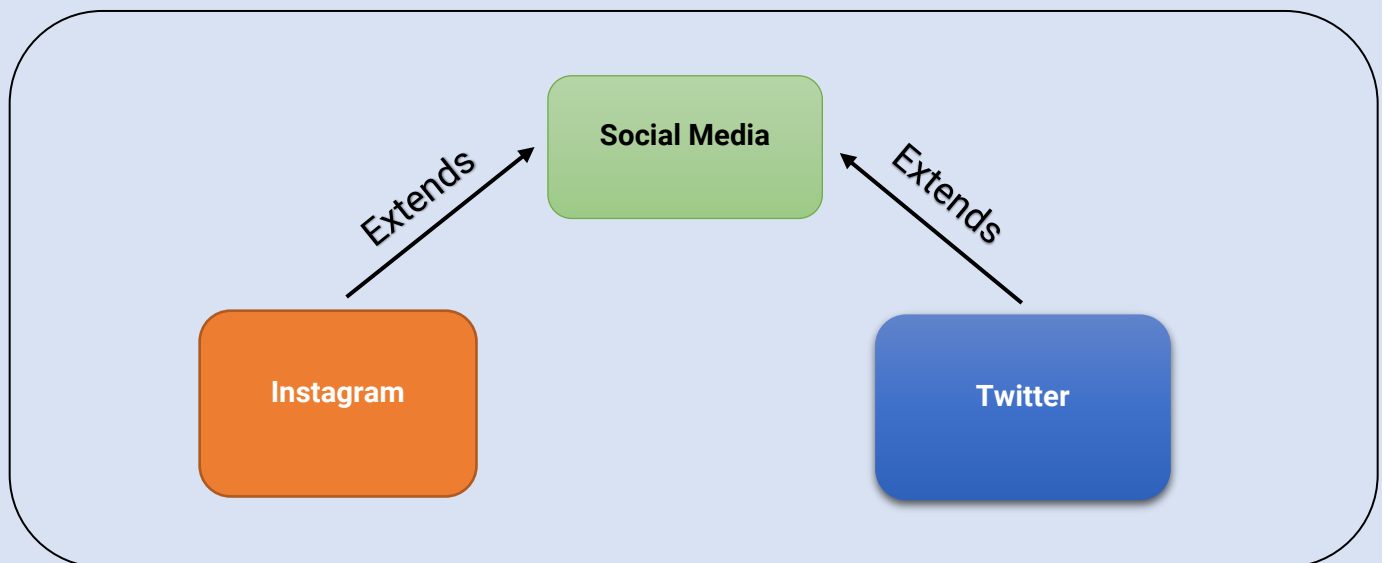
Principles of Database Design - Third Assignment

Deadline: **2022-03-25 23:59**

In this assignment, two social media applications that **should be implemented as Python classes**:

- **Instagram**
- **Twitter**

Each application should be an instance of SocialMedia class which is the parent class.



SocialMedia class has this **method**:

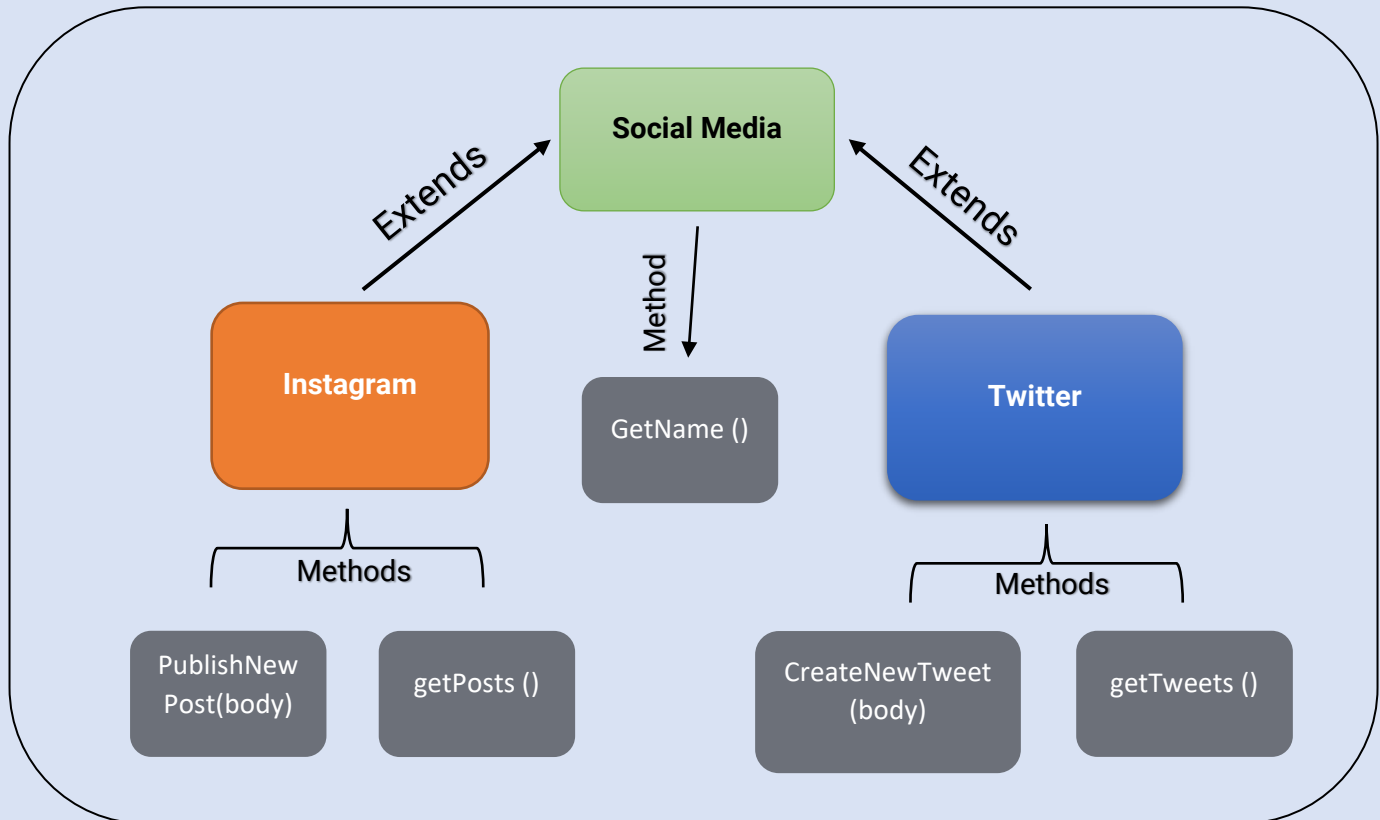
- **getName**: return the name of the social media

Instagram class includes these **methods**:

- **publishNewPost**: accepts the body as an argument, validate with rules and **store the post in the posts list if the post passed validation**.
- **getPosts**: return posts list.

Twitter class contains below **methods**:

- **getTweets**: return user's tweets
- **createNewTweet**: accepts the body as an argument, validate with rules and **store the tweet in the tweets list if the tweet passed validation**.



Rules:

- **CreateNewTweet:** When you want to store a tweet in the tweets list, you should check that the length of the body should be **less than 280 characters**.
- **PublishNewPost:** When you want to store a body in the posts list, you should check that the length of the body should be **less than 2200 characters**.

Important note: You must deploy your code into a GitHub repository and send the repository link to my email before the deadline.

omid.orh@gmail.com