ENSE 405 Project - Youniversity: Class Diagram

There are no member level for the writer, so anyone can share his or her good experiences with the tutorials or educational resources on YouTube. The posting can have multiple links of YouTube, comments and the hash tags. For the landing page, Tags are kept in a table as the top searched, clicked, or recent updated tags(keywords) in order to help out the consumers to reduce their overhead time searching the software.

Writer

- id: int
- nickName: string
- password: string
- avatar: string
- score: int
- lastLogin: date
- register: date

+ update(this)
+ login(date)
+ addScore(int)

Posting

- id: int
- writer: int
- YouTubeLink: string[]
- description: string
- like: int
- hashTags: string
- date: date

+ insertPosting()
+ updatePosting()
+ deletePosting()

TagTrend

- tag[]: string

+ append(string)
+ pop(string)
+ getTags()

Comment

- id: int
- writer: string
- content: string
- date: date

+ insert(this)
+ delete(id)

Writer 1 — posts — * Posting

Posting * — retrieves — 1 TagTrend

Posting 1 — comments at — * Comment