

Analyzing Kahoot

Name

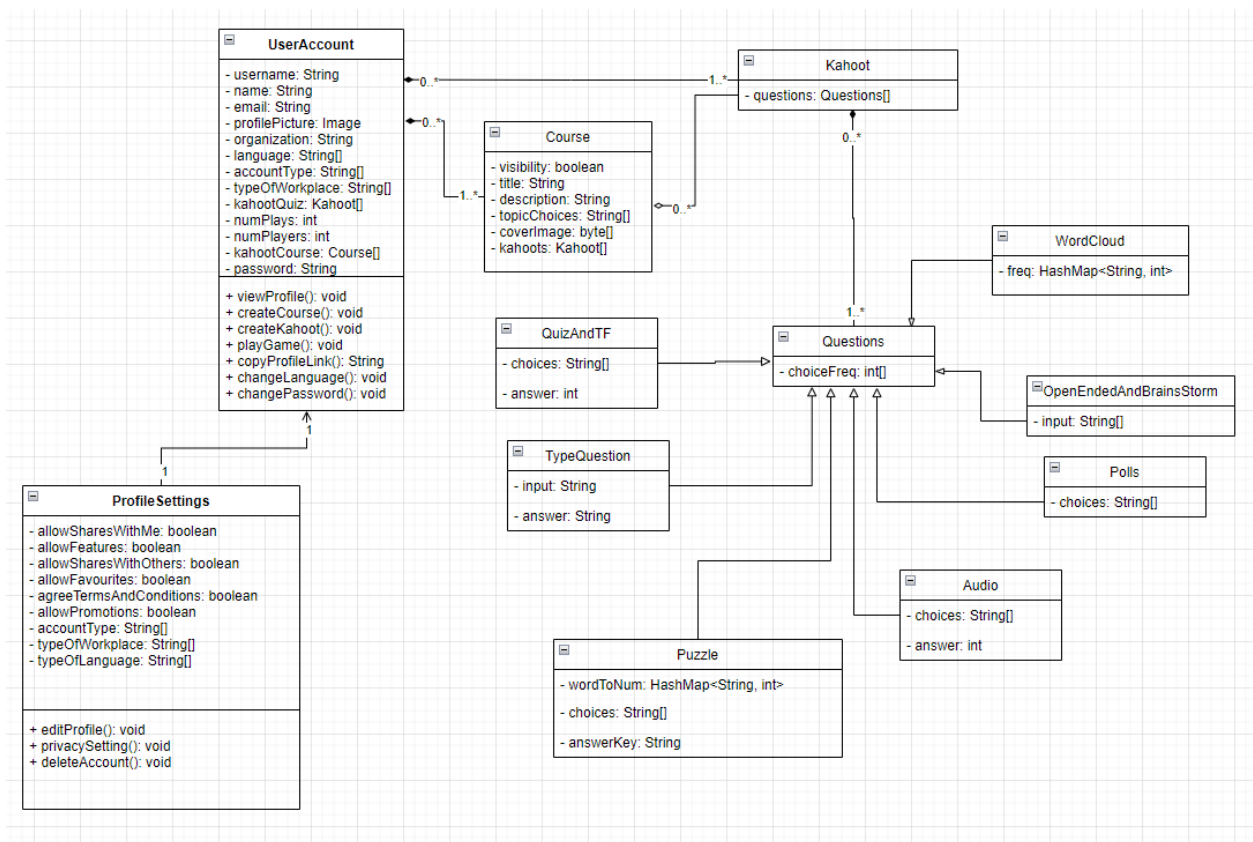
- Harry Liu

Class Diagram

Link

- https://app.diagrams.net/#G1yNsmX5Vx-7s84v1BP8szgUC70sq4Zq_Q

Image



Justification

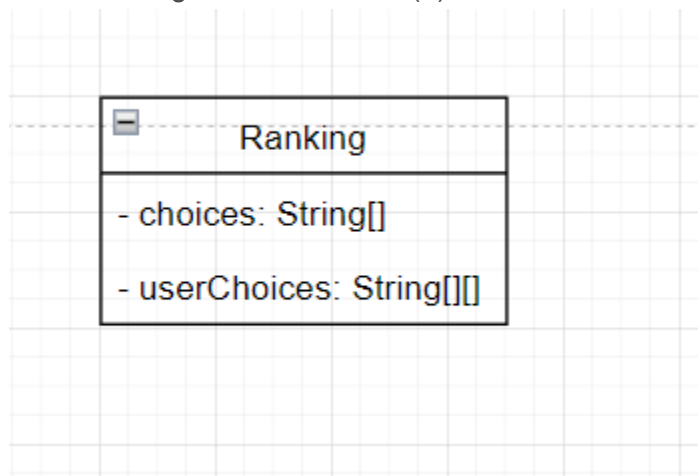
- <https://www.wevideo.com/view/2639619183>

Questions

1. Design a 10th type of question.
 - a. Describe how it works and why it might be useful. (2)

The users can rank up to four choices in any order they like based on their preferences (food, car brand...)

- b. What attributes would it have? (2)
It would have a string array (up to size 4) to store the choices made by the question creator. It would also have a 2D String array used to store the order that each user (people who answer the question) gives (1 would be the highest and 4 would be the lowest).
- c. What is its relationship to the other classes? (2)
It would be a subclass of the Question class because it is also a type of question.
- d. Include a diagram of the class. (2)



- 2. You are tasked to redesign Kahoot to be used in a setting outside of school of your choice. How might the classes change to tailor specifically for that application? Consider changes of relationships/attributes/methods. (2)

The new setting would be in the workplace. I do not think much of a change is needed, other than maybe the removal of the KahootCourse class as I do not see companies educating their employees using Kahoot as a plausible thing.

Other than that, I think everything else can remain the same.