

Based on the comments from the TA, we have made a few appropriate changes to our UML diagram.

Firstly, we used the relationship 'appears in' with attribute 'ranking' to map the relationship between the Papers entity and the Leaderboards entity (rather than having 10 paper\_id attributes in the Leaderboards entity).

Secondly, we used the relationship 'Likes' with the attribute 'time\_liked' to map the relationship between User and Papers (rather than having a separate User Paper Likes entity).

We have also removed 'user\_id' from the Search\_History entity because foreign keys are usually not listed in the UML diagram.

The revised UML diagram is in the doc folder named 'Stage 3 revised UML.png'.

With these changes, we have addressed all of the comments made by our TA for Stage 2.