



Chapter 5: Conclusion

Final Exam: Question 4

Problem:

We are building a social media site where users can share a lot of details about their whereabouts in their lives.

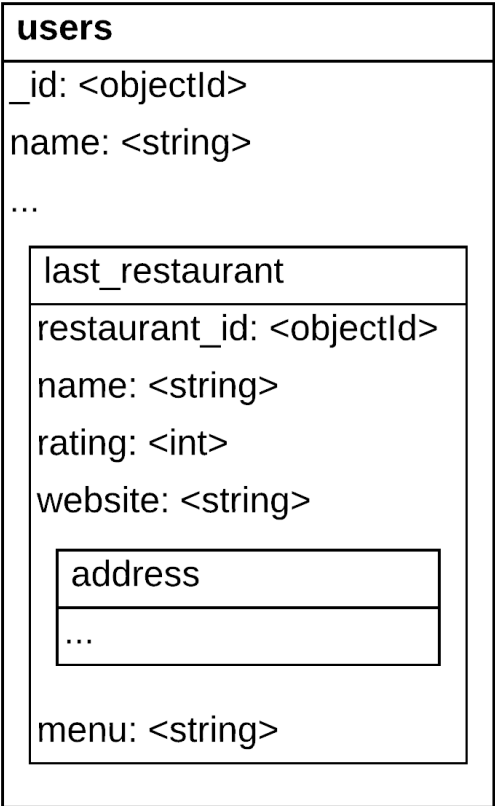
The site will likely have many European customers. For all these users, the GDPR law in Europe cites that a person has the right to be forgotten, meaning all data related to that person should be erased per request of the user.

Which one of the following implementations would be the preferred way to represent the One-to-Many relationship between restaurants and each user's last-visited restaurant to enable easy removal of a user's activity in accordance with GDPR?

Attempts Remaining: **Correct Answer**   

Choose the best answer:

- ☐ Only a **users** collection in which all restaurant information is embedded.





A **users** collection with an extended reference to a **restaurants** document.

users
<div><div>_id: &lt;objectId&gt;</div><div>name: &lt;string&gt;</div><div>...</div><div><div>last_restaurant</div><div>restaurant_id: &lt;objectId&gt;</div><div>name: &lt;string&gt;</div></div></div>

restaurants
<div><div>_id: &lt;objectId&gt;</div><div>name: &lt;string&gt;</div><div>rating: &lt;int&gt;</div><div>website: &lt;string&gt;</div><div><div>address</div><div>...</div></div><div>menu: &lt;string&gt;</div></div>



Only a **restaurants** collection in which all user information is embedded.

restaurants
<div><div>_id: &lt;objectId&gt;</div><div>name: &lt;string&gt;</div><div>rating: &lt;int&gt;</div><div>website: &lt;string&gt;</div><div><div>address</div><div>...</div></div><div>menu: &lt;string&gt;</div><div><div>users [0, 100, 10000]</div><div><div>_id: &lt;objectId&gt;</div><div>name: &lt;string&gt;</div><div>...</div></div></div></div>



A **restaurants** collection with references to **users** documents.

users
<div><div>_id: &lt;objectId&gt;</div><div>name: &lt;string&gt;</div><div>...</div></div>

restaurants
<div><div><div><div>_id: &lt;objectId&gt;</div><div>name: &lt;string&gt;</div><div>rating: &lt;int&gt;</div><div>website: &lt;string&gt;</div></div><div><div>address</div><div>...</div></div></div><div>menu: &lt;string&gt;</div><div><div>users [0, 100, 10000]</div><div><div><div>_id: &lt;objectId&gt;</div><div>name: &lt;string&gt;</div></div></div></div></div>

Correct!

[See detailed answer](#)

Proceed to next section

Assignment is Due

05d:02hr:13m  
07 sty, 17:00 UTC

Your Grade

PASS/FAIL  
Submitted