**Sprint 4**

Difficulties:

1) Trying to get by method "findById" an element that was stored in MongoDB repository by "key" (when "key" is merge of "playground" and "id") without success.

Solution: Understanding that it's not correct to request from our MongoDB repository to get an element by Id when it is stored by key. So we changed the name of the method to "findByKey".

2) Unnecessary duplication: ElementEntity remember "playground", "id" and "key" fields (when "key" is merge of "playground" and "id" as well). Moreover: it's more data for the database to store.

Solution: remove from ElementEntity the fields "id" and "playground". If there is a request from outside (like ElementTO) to an id (or playground), the entity separates the key to is and playground, and return the requested field.

3) Trying to get by writing an entire code for the method "findByEmail" a user acount that was stored in MongoDB repository

Solution: Understanding that MongoDB is "smart" – he knows how to do entire methods by only their name.

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