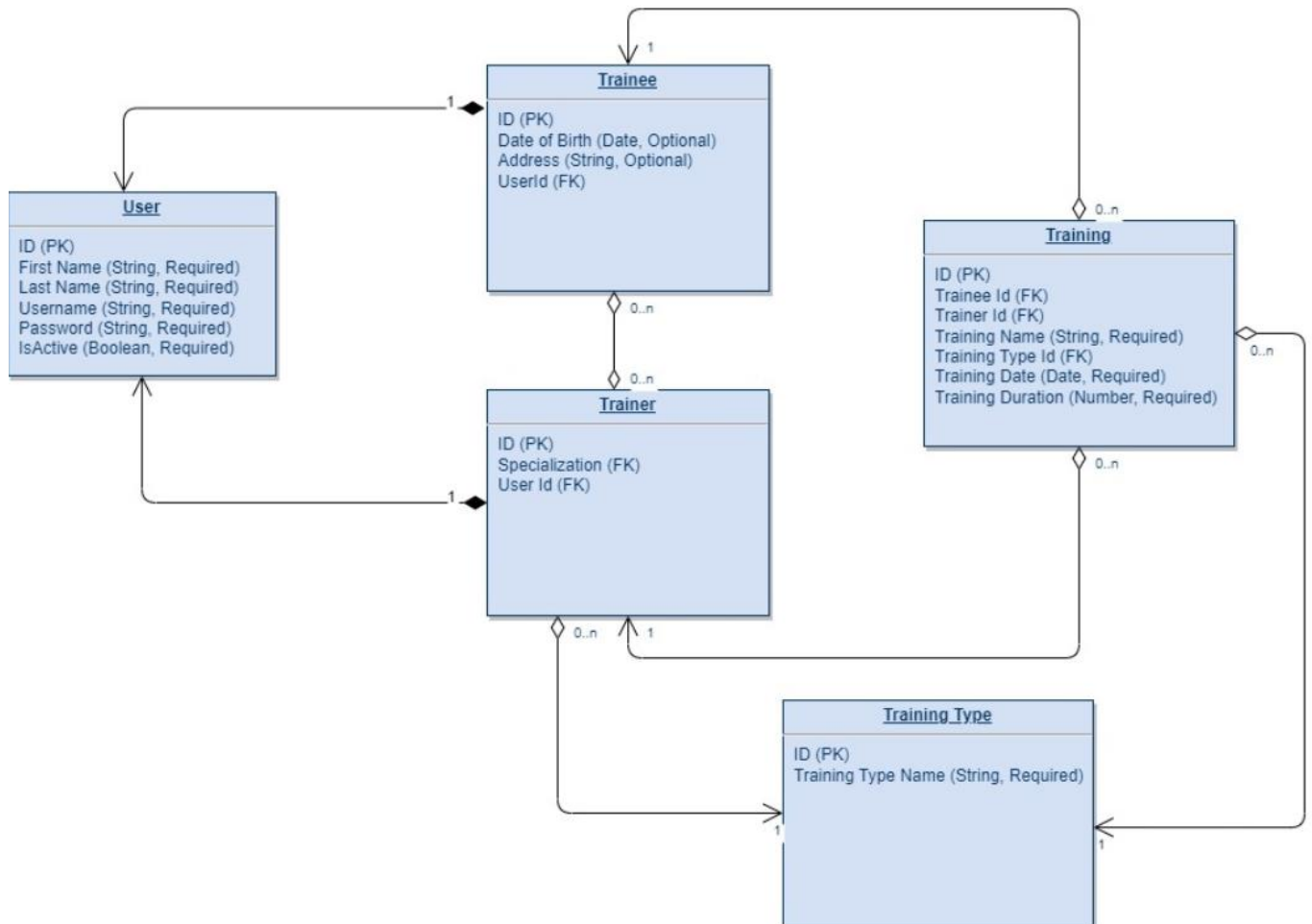


Hibernate

Based on

a) the attached DB schema:



b) on the codebase created during the previous module implement follow functionality:

1. Create Trainer profile. ✓
2. Create Trainee profile. ✓
3. Trainee username and password matching. ?
4. Trainer username and password matching. ?
5. Select Trainer profile by username. ✓
6. Select Trainee profile by username. ✓
7. Trainee password change. ✓
8. Trainer password change. ✓

9. Update trainer profile. ✓
10. Update trainee profile. ✓
11. Activate/De-activate trainee. ✓
12. Activate/De-activate trainer. ✓
13. Delete trainee profile by username. ✓
14. Get Trainee Trainings List by trainee username and criteria (from date, to date, trainer name, training type). ?
15. Get Trainer Trainings List by trainer username and criteria (from date, to date, trainee name). ?
16. Add training. ✓
17. Get trainers list that not assigned on trainee by trainee's username. ?
18. Update Trainee's trainers list ?

Notes:

1. During Create Trainer/Trainee profile username and password should be generated as described in previous module. ✓
2. All functions except Create Trainer/Trainee profile. Should be executed only after Trainee/Trainer authentication (on this step should be checked username and password matching) ?
3. Pay attention on required field validation before Create/Update action execution. ✓
4. Users Table has parent-child (one to one) relation with Trainer and Trainee tables. ✓
5. Trainees and Trainers have many to many relations. ✓
6. Activate/De-activate Trainee/Trainer profile not idempotent action. ✓
7. Delete Trainee profile is hard deleting action and bring the cascade deletion of relevant trainings. ✗
8. Training duration have a number type. ✓
9. Training Date, Trainee Date of Birth have Date type. ✓
10. Training related to Trainee and Trainer by FK. ✓
11. Is Active field in Trainee/Trainer profile has Boolean type. ✓
12. Training Types table include constant list of values and could not be updated from the application. ✓
13. Each table has its own PK. ✓
14. Try to imagine what are the reason behind the decision to save Training and Training Type tables separately with one-to-many relation. ✓
15. Use transaction management to perform actions in a transaction where it necessary. ✓
16. Configure Hibernate for work with DBMS that you choose. ✓
17. Cover code with unit tests. Code should contain proper logging. ✗