

Data Storage Diagram

User	
id	<u>UniqueID</u>
Username	
encoded_password	
⋮	
posts	FK
threads	FK

Thread	
id	<u>UniqueID</u>
title	
content	
⋮	
Posts	FK
User	FK

Post	
id	<u>UniqueID</u>
title	
content	
⋮	
Thread	FK
User	FK

Hibernate

MySQL

All the relational tables are the models represented in the Spring MVC pattern. They are created, saved, modified, deleted, retrieved to/from the mySQL table via Hibernate ORM and Spring Data JPA.

User has one-to-many mappings with posts and threads. Thread has one-to many mapping with posts and many-to-one mapping with user. Post has many-to-one mapping with thread and user.