**Case study 1:**

Write CRUD controller for two entities using H2 in-memory database, make one of them “User” entity and use it for enabling spring-security. The other entity should be “Book” with a field “belongsTo” pointing to the user it belongs to. When a user is creating a book, it should belong to that user only. If the book is being edited, only the user which it belongs to should be able to edit. One user can create another user. Only the logged in user can change his own details but not the other user. Each controller should have Post, Get(2 flavors by id and a full list), Patch, Put, Delete http methods should be available.