Using ORM.

Main goal of this lab was to learn how to use any ORM in languages. I chose java + swing + hibernate.

Hibernate is ORM. To make it work you have to write \*.xml.cfg fine, which contains settings, and create your hibernate class, which provides you necessary methods to work with database. Also class should have properly written java class.

JTable class represented data, which was loaded in model using hibernate methods. Hibernate returned list, which then had been converted properly to fit AbstractModel constructor. Main issue was to add button to each row in table, since JTable can’t render buttons by default. To sovle this problem, class ButtonColumn was used, which was taken from here: tips4java.wordpress.com/2009/07/12/table-button-column/

Buttons and actions call the methods, which try to do necessary transaction.

Here is the screenshot of running application:

