

Project 2 Library

Scenario

A library has a large CD collection which it needs to catalogue. It needs to store information in a database and have a web front end. You will need to design, implement and deploy part of the system.

The objective of this project is to produce a web application which implements the catalogue. The information required for each CD is:

- Title
- Artist(s)
- Year of release
- Number of tracks
- Total playing time

Each CD will also have a list of tracks containing the following information:

- Title
- Author(s)
- Playing time

Goals of the project

The starting point for this project is the code and instructions for exercise Capstone. Take a copy of the DevOps project from Capstone and rename the files from Monitoring to Library. You are only required to produce the web front end. The data manager can generate a hard coded list of CDs rather than extract them from the database.

Deliverables

The deliverables are:

- The data manager Java file
- The library controller Java file
- The JSP which displays the CD list
- A screen shot of the web page showing the list of CDs
- A screen shot of Jenkins web page to build, the project
- A screen shot of Jenkins to run unit test cases
- A screen shot of Jenkins to deploy the Library project in Tomcat