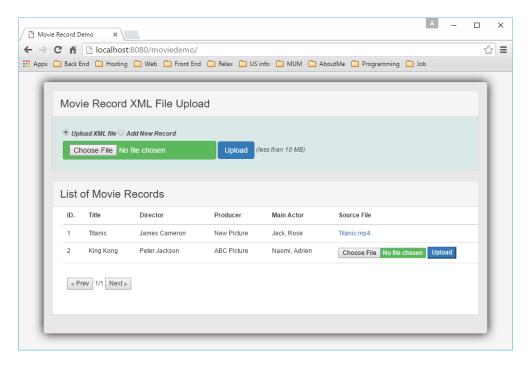
MOVIE RECORD DEMO

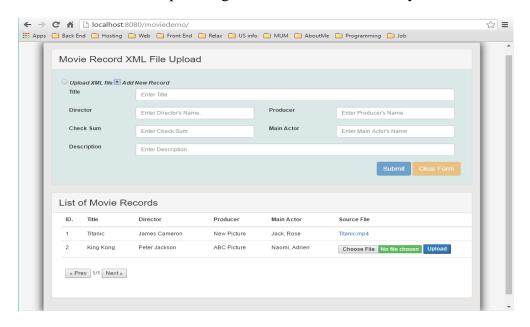
Frontend: AngularJS, Bootstrap, HTML-JSP, CSS, JS

Backend: Java, Spring MVC Rest API, Maven, Tomcat

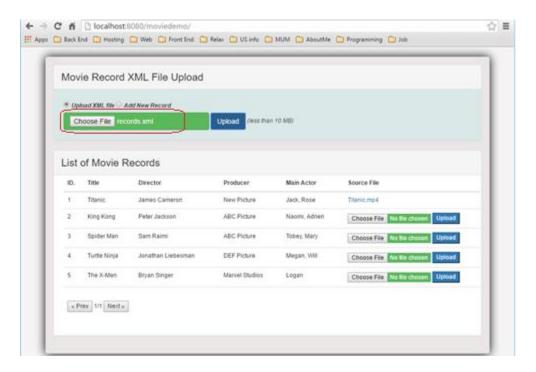
I. User Interface and Feature Screen Shots:



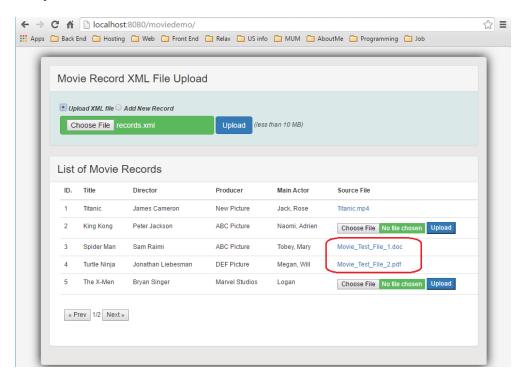
Pic 1. UI for Uploading a New XML File to the system.



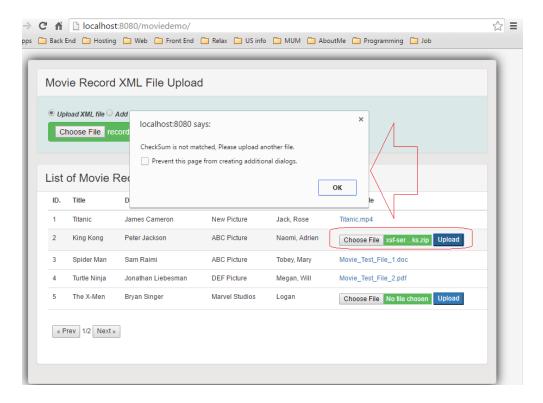
Pic 2. UI for Submitting a New Movie Record.



Pic 3. Upload a New XML File, generate more records display on the table right away.



Pic 4. Upload a File To Go with a Record. If the record's checksum and new generated file's checksum are matched, updates the file name to table and disables "upload file to go button".



Pic 5. Upload a File To Go with a Record. If mismatched, shows a message alert and allows user to continue upload another file.

II. User Guide:

```
C:\Users\Nhat\Desktop\TestDemo\records.xml - Notepad++
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?
] 😅 🔠 🖺 🖺 🧸 🥱 📥 | 🕹 🐚 🖺 | Þ C | ## 🛬 | 🗷 🤘 🖫 📮 🚟 | 🖶 1 | 🗜 🗷 📓 🐔 🖃 🗨
records xml 🗵
       <?xml version="1.0" encoding="UTF-8"?>
     -<movies>
           <record checkSum="900ddd4cb937ad28cc7ad82aaab73d14">
  3
               <title>Spider Man</title>
               <description>An Amazing Super Hero Movie</description>
  6
               <mainActor>Tobey, Mary</mainActor>
               cproducer>ABC Picture
  8
               <director>Sam Raimi</director>
           <record checkSum="ae26d0f2648354ccc273f5902d1d073c">
               <title>Turtle Ninja</title>
 12
               <description>An Interesting Action Film</description>
 13
               <mainActor>Megan, Will</mainActor>
               cproducer>DEF Picture/producer>
 14
 15
               <director>Jonathan Liebesman</director>
 16
           </record>
 17
           <record checkSum="13d0583476e63446a60862887f6f2939">
 18
               <title>The X-Men</title>
 19
               <description>Men is a 2000 American superhero film</description>
 20
               <mainActor>Logan</mainActor>
 21
               cproducer>Marvel Studios
 22
               <director>Bryan Singer</director>
 23
           </record>
 24
      L</movies>
```

Use an XML file "records.xml" as a format file to upload new records to the system (you can use this file as a format template to create your own record files).

I provide 3 files below which are matched (MD5 checksum) files to go with 3 records in the "records.xml" used to upload above (you can use another files as well).

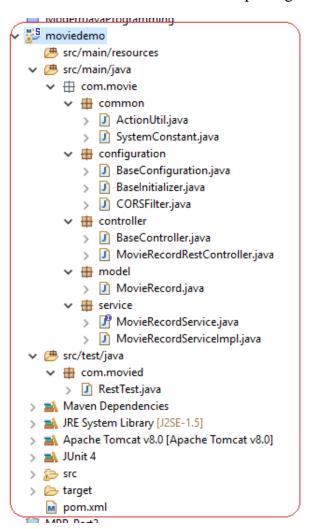
Movie_Test_File_1.doc – MD5 checksum: 900ddd4cb937ad28cc7ad82aaab73d14

Movie_Test_File_2.pdf – MD5 checksum: *ae26d0f2648354ccc273f5902d1d073c*

Movie_Test_File_3.txt – MD5 checksum: *13d0583476e63446a60862887f6f2939*

III. Source Code:

1. Java back-end source code package:



2. AngularJS front-end source code:

