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CMIS 242
Test Report for Project
12/12/2021

The following document shows all required test cases for Project.

Test Case 1 Capture – Database Error Check



```
Projectjava x
1
3 * Project.java - Media Rental System
8
<
Console x
<terminated> Project [Java Application] C:\Program Files\Java\jre1.8.0_191\bin\javaw.exe (Dec 12, 2021, 1:26:
=====
Welcome to the Media Rental System
=====
1: Load Media Objects
2: Find Media Objects
3: Rent Media Objects
4: Exit program
=====
Enter your selection:
1
Enter path (directory) where to load from (default: './database/'):
error check
Database failed to load...
=====
Welcome to the Media Rental System
=====
1: Load Media Objects
2: Find Media Objects
3: Rent Media Objects
4: Exit program
=====
Enter your selection:
2
No Media Objects were loaded...
=====
Welcome to the Media Rental System
=====
1: Load Media Objects
2: Find Media Objects
3: Rent Media Objects
4: Exit program
=====
Enter your selection:
3
No Media Objects were loaded...
=====
Welcome to the Media Rental System
=====
1: Load Media Objects
2: Find Media Objects
3: Rent Media Objects
4: Exit program
=====
Enter your selection:
4
Thank you for using the Media Rental System. Goodbye!
```

Test Case 2 Capture – Load Database File

```
Project.java x
1
30 * Project.java - Media Rental System
8
<

Console x
Project [Java Application] C:\Program Files\Java\jre1.8.0_191\bin\javaw.exe (Dec 12, 2021, 1:30:25 PM)
=====
Welcome to the Media Rental System
=====
1: Load Media Objects
2: Find Media Objects
3: Rent Media Objects
4: Exit program
=====
Enter your selection:
=====
1
Enter path (directory) where to load from (default: './database/'):
./database/
Database loaded...
MovieDVD [ id=movie_dvd_1, title=Avatar, year=2009, size=500.0 MB, available=false]
MovieDVD [ id=movie_dvd_2, title=I Am Legend, year=2007, size=500.0 MB, available=false]
MovieDVD [ id=movie_dvd_3, title=300, year=2006, size=500.0 MB, available=true]
MovieDVD [ id=movie_dvd_4, title=The Avengers, year=2012, size=500.0 MB, available=true]
MovieDVD [ id=movie_dvd_5, title=Interstellar, year=2014, size=500.0 MB, available=true]
MusicCD [id=music_cd_1, title=Pink Floyd - Dark Side of the Moon, year=1973, length=43 mins, available=true]
MusicCD [id=music_cd_2, title=The Beatles - Sgt. Pepper's Lonely Hearts Club Band, year=1967, length=46 mins, available=true]
MusicCD [id=music_cd_3, title=Led Zeppelin - Led Zeppelin IV, year=1971, length=55 mins, available=true]
MusicCD [id=music_cd_4, title=Michael Jackson - Thriller, year=1982, length=60 mins, available=true]
MusicCD [id=music_cd_5, title=Queen - A Night at the Opera, year=1975, length=45 mins, available=true]
EBook [ id=ebook_1, title=The Catcher in the Rye, year=1951, chapters=26, available=true]
EBook [ id=ebook_2, title=Dune, year=1965, chapters=26, available=true]
EBook [ id=ebook_3, title=The Hobbit, year=1937, chapters=19, available=true]
EBook [ id=ebook_4, title=I Am Legend, year=1954, chapters=21, available=true]
EBook [ id=ebook_5, title=Nineteen Eighty-Four, year=1949, chapters=17, available=true]
=====
Welcome to the Media Rental System
=====
1: Load Media Objects
2: Find Media Objects
3: Rent Media Objects
4: Exit program
=====
Enter your selection:
=====
```

Test Case 3 Capture – Find Media Objects

```
Console x
Project [Java Application] C:\Program Files\Java\jre1.8.0_191\bin\javaw.exe (Dec 12, 2021, 1:30:25 PM)
MovieDVD [ id=movie_dvd_3, title=300, year=2006, size=500.0 MB, available=true]
MovieDVD [ id=movie_dvd_4, title=The Avengers, year=2012, size=500.0 MB, available=true]
MovieDVD [ id=movie_dvd_5, title=Interstellar, year=2014, size=500.0 MB, available=true]
MusicCD [id=music_cd_1, title=Pink Floyd - Dark Side of the Moon, year=1973, length=43 mins, available=true]
MusicCD [id=music_cd_2, title=The Beatles - Sgt. Pepper's Lonely Hearts Club Band, year=1967, length=46 mins, available=true]
MusicCD [id=music_cd_3, title=Led Zeppelin - Led Zeppelin IV, year=1971, length=55 mins, available=true]
MusicCD [id=music_cd_4, title=Michael Jackson - Thriller, year=1982, length=60 mins, available=true]
MusicCD [id=music_cd_5, title=Queen - A Night at the Opera, year=1975, length=45 mins, available=true]
EBook [ id=ebook_1, title=The Catcher in the Rye, year=1951, chapters=26, available=true]
EBook [ id=ebook_2, title=Dune, year=1965, chapters=26, available=true]
EBook [ id=ebook_3, title=The Hobbit, year=1937, chapters=19, available=true]
EBook [ id=ebook_4, title=I Am Legend, year=1954, chapters=21, available=true]
EBook [ id=ebook_5, title=Nineteen Eighty-Four, year=1949, chapters=17, available=true]
=====
Welcome to the Media Rental System
=====
1: Load Media Objects
2: Find Media Objects
3: Rent Media Objects
4: Exit program

Enter your selection:
=====
2
Enter the title you wish to find:
error check
No items match the title: error check

Welcome to the Media Rental System
=====
1: Load Media Objects
2: Find Media Objects
3: Rent Media Objects
4: Exit program

Enter your selection:
=====
2
Enter the title you wish to find:
The Avengers
MovieDVD [ id=movie_dvd_4, title=The Avengers, year=2012, size=500.0 MB, available=true]
=====

Welcome to the Media Rental System
=====
1: Load Media Objects
2: Find Media Objects
3: Rent Media Objects
4: Exit program
=====
Enter your selection:
=====
```

Test Case 4 Capture – Rent Media Objects

```
Console X
<terminated> Project [Java Application] C:\Program Files\Java\jre1.8.0_191\bin\javaw.exe (Dec 12, 2021, 1:30:25 PM – 1:35:41 PM)
3: Rent Media Objects
4: Exit program
=====
Enter your selection:
=====
2
Enter the title you wish to find:
The Avengers
MovieDVD [ id=movie_dvd_4, title=The Avengers, year=2012, size=500.0 MB, available=true]
=====
Welcome to the Media Rental System
=====
1: Load Media Objects
2: Find Media Objects
3: Rent Media Objects
4: Exit program
Enter your selection:
=====
3
Enter the Media Object ID to rent:
error check
No Media found with the ID of: error check

Welcome to the Media Rental System
=====
1: Load Media Objects
2: Find Media Objects
3: Rent Media Objects
4: Exit program
Enter your selection:
=====
3
Enter the Media Object ID to rent:
movie_dvd_4
MovieDVD [ id=movie_dvd_4, title=The Avengers, year=2012, size=500.0 MB, available=false]
Database saved successfully.
Media was successfully rented. Rental fee = $3.50
=====
Welcome to the Media Rental System
=====
1: Load Media Objects
2: Find Media Objects
3: Rent Media Objects
4: Exit program
Enter your selection:
=====
4
Thank you for using the Media Rental System. Goodbye!
```