Use Cases for the LOAFR System:

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Use-Case #1: Upload data
Summary (What is this use-case for?): To add a file for future use
Why do we need it?: Adding files allow for storage of information for the user
Actors: System Engineer
Course of Events:
- Actor is able to upload data of type of TBD 411-1 (Exception 1)
- System converts it into the type of TBD 411-2 (Exception 2)
- Store the data user and server side (Exception 3)

Exception Paths:
- Exception 1: Raise Save/Load file error
- Exception 2: Raise Conversion error
- Exception 3: Raise Save/Load file error

Related Use-Cases:
Date: 2/27/22

Use-Case #2: Get standardized data
Summary (What is this use-case for?): To get / analyze some data that has been processed
Why do we need it?: Actors can retrieve previous data for examination, reference, or further processing.
Actors: System Engineer, manager
Course of Events:
- Actor selectes and exports a number of stored data logs

Exception Paths: None
Related Use-Cases: Use-Case #5
Date: 2/27/22

Use-Case #3: Batch processing
Summary (What is this use-case for?): To analyze a set of files all at once
Why do we need it?
Actors: System Engineer, Scripts Using Command Line Interface
Course of Events:
- Actor is able to select a subset of files and run tests on them (Exception 1)
- Tests are predefined by the actor

Exception Paths:
- Exception 1: Raise Save/Load error

Related Use-Cases: Use Case #4
Date: 2/27/22

Use-Case #4: Find Subset of Files
Summary (What is this use-case for?): To find files with a particular filtering attribute
Why do we need it?: Allows for people to filter by type
Actors: System Engineer
Course of Events:
- Actor is able to filter data of type of TBD 411-2 (Exception 1)
- With blank search, the filter applies to all files (Exception 2)
- Store the search information user- and server- side (Exception 3)

Exception Paths:
- Exception 1: Raise "no matching files"/"invalid filter type" error
- Exception 2: Raise "no matching files"/"invalid filter type" error
- Exception 3: Raise save/load error

Related Use-Cases: Use Case #3, #5
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Use-Case #5: Manual Examination
Summary: Person wants to manually examine a set of files
Actors: System Engineer
Course of Events:
- Actor uses the search/sort/filter (Exception 1)
- The program returns the list of data the fits the criteria (Exception 2)
- User then uses the UI to examine the data returned.

Exception Paths:
- Exception 1: Invalid Search Criteria.
- Exception 2: Raise Save/Load error

Related Use-Cases: Use Case #3, #4
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