**Name:** Ingest Log Files

**Actors:** Client, Splunk

**Precondition:** The team configuration has been placed and the event configuration has been set.

**Postcondition:** The log files have completed the ingestion process and have been uploaded to Splunk.

**Steps:**

1. The user sets up directory configuration.
2. The user activates the “ingest files” option.
3. The system performs directory check. (ALT 1)
4. The system performs the file cleansing. (ALT 2)
5. The system sets files’ cleansing status to “Pass”.
6. The system performs the file data validation. (ALT 3)
7. The system sets files’ validation status to "Pass”.
8. The system ingests log files into Splunk.

**Alternatives:**

* **ALT 1:** The root directory fails to contain three directories.
  + **A1-1:** The system generates root directory structure error.
  + **A1-2:** Use case goes back to step 1
* **ALT 2:** The file requires data transformation.
  + **A2-1:** The file type is determined whether audio, video, images or pdf.
  + **A2-2:** The file data is extracted.
  + **A2-3:** System continues on step 5.
* **ALT 3:** The file fails a validation test.
  + **A3-1:** System generates an enforcement action report.
  + **A3-2:** System sets file validation status to “fail”.
  + **A3-3:** System allows the user to make changes to errors based on enforcement action report.
  + **A3-4:** System goes back to step 6.