Archiving Document

CECS 491
TheBoiZ

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Archiving

Functional Requirements:

- Definition -

On the first of every month, an archive is made of every log created older than 30 days.

- Preconditions -

The date is the first of any given month and the time is 00:00:00:00 UTC.

The source file and destination of the logs to be archived.

- Required Inputs -

- ● The Destination of the Archive File

- Successful Postconditions -

- ● Archives are saved separate from application information.
  - ○ The Archive Destination is Configurable
- ● An archive is comprised of:
  - ○ Logs Older Than 30 Days
- ● Archives are saved within a new file named after the current date:
  - ○ _YYYYMMDD.csv

- Failure Postconditions -

- ● Any of the successful postconditions failing.
- ● Failure to Archive.
  - ○ Attempts to archive a maximum of 3 times, then notifies the system administrator. System prevents further archiving of that specific entry.
  - ○ This operation is then logged.

Non-Functional Requirements:

- ● Archives should be sortable by Timestamp.
- ● Archive Timestamps should be accurate.
- ● The archiving process should take a maximum of 10 seconds.