

# 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.

## Logging Low Level:

