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ZEAS

ZEAS –Audit Logs

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# Introduction

ZEAS is ETL tool which provide single platform for data lack, Ingestion and data transformation, it provides data connection which supports large range of data-sources formats such as

RDBMS – MYSQL, Oracle and DB2

Files - CSV, XLS, JSON, XML, Fixed width delimiter etc.

# Pre-requisites

ZEAS should be running in any one Hadoop distributed enlivenments (Apache Hadoop or HDP) with below Hadoop services-

* Hive
* Sqoop
* Oozie

# Business Requirements

ZEAS Admin can download Audit logs from dashboard, logs will have all operational information performed through ZEAS.

# Existing functionality

ZEAS stores information into log files whose location is configurable. No download load option.

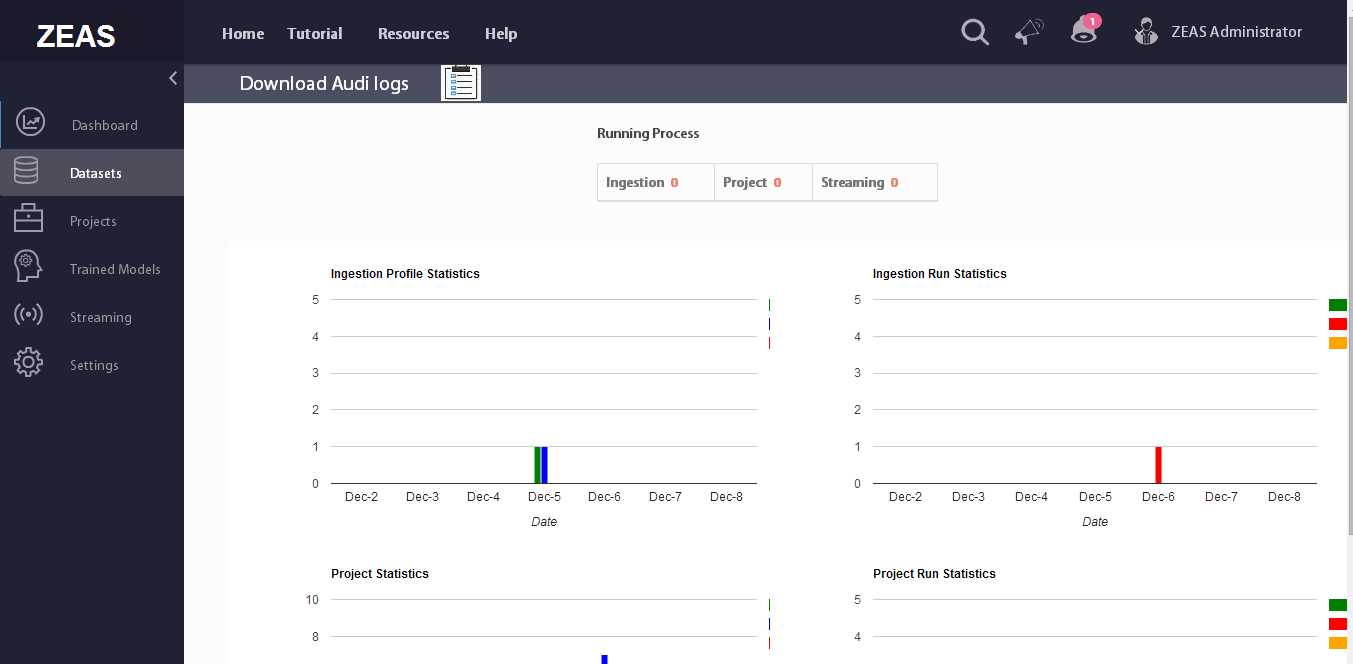
# Proposed functionality

Audit log means below information’s need to record:

* Profile creation date and time and created by.
* Ingestion performed date and time.
* Ingestion HDFS output location.
* Hive Table and Hive View information for Ingestion.
* Scheduler information.
* For Event Based scheduler : events triggered on folder ( File arrival Time, Ingestion trigger time)
* Input file final moved location after Ingestion completed.
* User Management Information

## Detailed functionality

1. Give Audit Download option to download logs in client machine , on click on icon display date range



Screen -1

# Assumptions and Risks

1. Lack of dedicated resources.
2. No UI Developer
3. In case any requirement change the delivery time line will be impacted.