PROJECT MODEL

ETL Support 2019 - Group 2

Version 1.0

Document Storage

This document is stored in a GitHub repository, where you can also find all the other types of documentation regarding this project.

Document Owner

Munteanu Adrian is responsible for the development and maintenance of this document.

Project info

Project title	ETL - Support - 2018
Start Date	29/03/2019
End Date	16/12/2019
Project Manager	Bellini Gianni
Users	Referente Orario

Purpose

Taking the data from the Marconi TimeTable database that manages the classrooms reservations, through the ETL (extract, transfrom and load) process create a script that - produce a table file (.csv) - import the file into the database for SQL reporting services - update the backup database

Scope

ETL-Support-2018 will allow automatic backup of booking management data and generation of a tabular file.

Stakeholders

- Referente orario
- Referente orario web
- Web Admin

- Personale scolastico

Team

- Adrian Munteanu
- Luca Landolfo
- Enrico Marocchio
- Elia Vicentini
- Simone Gandini

Actions

Setting up Trello showcase

Production of Business Model Canvas

Production of Poject Charter

Production of Project Model Canvas

Production of Sotfware Project Management Plan

Production of Sotfware Requirements Speciication

Script Planning

Script Development

Updates Bug Fixes

Timeline

```
29/03/2019 - Plan _exportdata.py_
29/03/2019 - json configuration file creation
30/03/2019 - Production _setup.py_
02/04/2019 - Prototype of _exportdata.py_
02/04/2019 - Tests
02/04/2019 - Bug fixes
03/04/2019 - Script design for log files
04/04/2019 - Completed the first version of the program
20/09/2019 - Update exportdata.py
30/09/2019 - Bug fixes
30/09/2019 - Update all scripts
21/10/2019 - Finished the script for log files
16/12/2019 - Improvements on _exportdata.py_
16/12/2019 - Finished the final version of the product
```

Resources

Python 3.7

MySQL

SQL

Constraints

Time
Hardware