

Project Plan



Date: 3-09-2023

Project: Data Cleansing tool

Client: Eastern Region Municipality

Project Manager: Eng. Sarah Al-Thabit

Milestones

Milestone	Start Date	End Date	Percentage Completed	Description
Milestone 1	2023-07-30	2023-08-22	100%	Setting up the Server and Development Environment for the CLI Version
Milestone 2	2023-08-23	2023-9-15	60%	CLI Prototype
Milestone 3	2023-9-16	2023-10-16	0%	Building Web Version (Dashboard) Prototype
Milestone 4	2023-10-17	2023-12-31	0%	Final Version(Dashboard) Version

Milestone Details

Milestone 1: Setting up the Server and Development Environment for the CLI version

Details:

- Setting up the Python development environment with Python 3.8.10, pip3, and required libraries.
- Setting up Docker for containerization.

Milestone 2: CLI Prototype

Details:

- Detecting errors in Hijri dates of all tables in the database.
- Generating statistics about the types of errors.

- Identifying the exact rows that contain errors.

Milestone 3: Dashboard Prototype

Details:

- setting up the server for dashboard version
- Developing a web dashboard with the same features as the CLI client.
- Allowing users to connect to a database and select columns for Hijri date tests.
- Generating reports in the form of a dashboard.

Milestone 4: Final Version of the Dashboard

Details:

- Completion of the core software package.
- Development of the API.
- Finalization of the interactive web-based Dashboard.