

Coleta

Data collection system

Requirements Document

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\\Google Drive\\Pessoal\\Dev Documents\\Coleta Requirements 2013.gdoc

Details

I need a system to log exploration and ore control data in the field. It has to be able to download selected data from a corporate central database, allow offline logging for inserting and updating the data, and allow uploading of this data after finishing the job.

The offline data have to persist during the offline operations, and have to be updated and appended.

No domain-related validation checks need to be done at this point. However, lookups and data ranges have to be downloaded and used.

Initially I have to connect to an acQuire database. First releases may obtain the data from the database, however the selected tables and fields may come from a selection file (.sel) OR an exported set of ASCII sheets. Ideally, in the future, it should read directly from the offline Data Entry package.

Working data have to persist during offline operations to avoid losing data on failure.

Authentication to the database may be Windows NT Authentication (Trusted Connection).

User should interact with a web-based application running on the browser.