Data Mapping Project

Client: Leon Cavalli – your team is responsible for making a consistent time at least one per week to consult with the client on the project.

Files Supplied:

* Event definitions ICT342.csv (Main ED)– the central file
* Variable Definitions ICT342 – definition and formatting function names for standardised variables referred to in Main ED File.
* Event List ICT342.csv – List of Event referred to in the Main ED File
* Dataset Detail Mapping ICT342.csv – Mapping the dataset (DS3B, DS6B, and DS7E .csv spreadsheets below) names to the standardised names referred to in the Main ED File
* DS3B CARDIAC data.csv – Dataset file with non-standardised column names
* DS6B BloodProductAudit clinical data.csv – Dataset file with non-standardised column names
* DS7E PAM Cardiac Surgery data.csv– Dataset file with non-standardised column names

Requirements:

* Design the relational database to store the Event definitions, Variable Definitions, Event List, Dataset Detail Mapping, and each Dataset with its column names,
* Design an interface to with CRUD functionality for the relational database,
* Create a prototype with the functionality:
  + uploading and storing Dataset files (DS3B, DS6B, and DS7E .csv type files)
  + CRUD functionality on the database

Deliverables:

* Analysis and Design documentation
* Working prototype