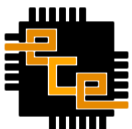




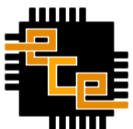
Vocal Maturity Coding (VMC) Guide to Administrative Functionality

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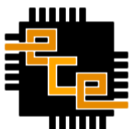
Requirements

- Git
 - <https://github.com/>
- Python 3.7.x
 - <https://www.python.org/downloads/>
- The Python IDE: PyCharm
 - Both versions are free for students, and both are OK.
 - <https://www.jetbrains.com/pycharm/download>
- Database IDE: DBeaver
 - Both versions are free for students, and both are OK.
 - <https://dbeaver.io/download/>
 - Download additional Java drivers for PostgreSQL



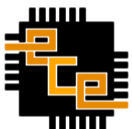
Initial Setup

- Clone the repo from GitHub.
- Create the Virtual Environment.
- Update/Sync the Virtual Environment with the libraries.
- Update the DataFolder in **VmcLoader.py** to the LENA Folder in Box on your machine.
- Put in your cloud credentials in the **cloud.config** in the application root folder.



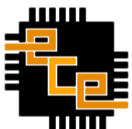
Common Functions

- Start Coding Application
 - Run **VmcLoader.py**
- Add Participants (Children) to the DB
 - Run **AddParticipantsToDB.py**
- Add Recordings (Before you create batches!)
 - Run **AddRecordingsToDB.py**
- All Other Admin Functions
 - Run **DirectAccess.py**



Adding Participants

- The script checks the file:
`Box/[L3 HIPAA Int] NDFLab_L3/LENA/Participant.csv`
- Formatting requirements (for each line):
 - ChildID:
 - Can be any text but must be unique.
 - Sex:
 - Any choice from the 'Sex' Table in the Database.
 - Currently, entries are Male, or Female.
 - DateOfBirth:
 - Date text formatted as MM/DD/YYYY, e.g. 02/15/2019.
 - GeneticRisk:
 - Any choice from the 'GeneticRisk' Table in the Database.
 - The name must be verbatim.
 - If a new type is needed, add that type before you try to add the new participants.
- Note that all of the fields are required and cannot be empty.



Adding Recordings

- The script checks the file:
`Box/[L3 HIPAA Int] NDFLab_L3/LENA/Recording.csv`
- Formatting requirements (for each line):
 - ChildID:
 - Must match one of the values from the Participant.csv file.
 - RecordingType:
 - Home, or Assessment
 - BaseFileName:
 - Must NOT contain file extensions, like ".its" or ".csv".
 - ScrubTimes, NapTimes:
 - For each timestamp, both the hour and the minutes must be present, e.g. 3:00, not just 3.
 - For each timestamp, the AM/PM designator must be present.
 - A single time range is two timestamps separated by a dash, and the dash is preceded by, and followed by, a single space, e.g. 9:00 AM - 12:30 PM
 - Ranges are separated by commas, not semicolons, with a space after each comma, e.g. 10:00 AM - 11:00 AM, 12:00 PM - 2:00 PM
 - At any point time ranges are NOT finalized, please mark the row as "Skip".
 - IsValid:
 - Must be 1 or 0.
 - FirstEntry, SecondEntry, ThirdEntry:
 - If present, must match a username in the DB, not an abbreviation.
- Any optional entry must either follow the requirements or be left empty.
- Most of these entries are obtained from LENA without the need to change them.

