COMMAND LINE HABIT TRACKER
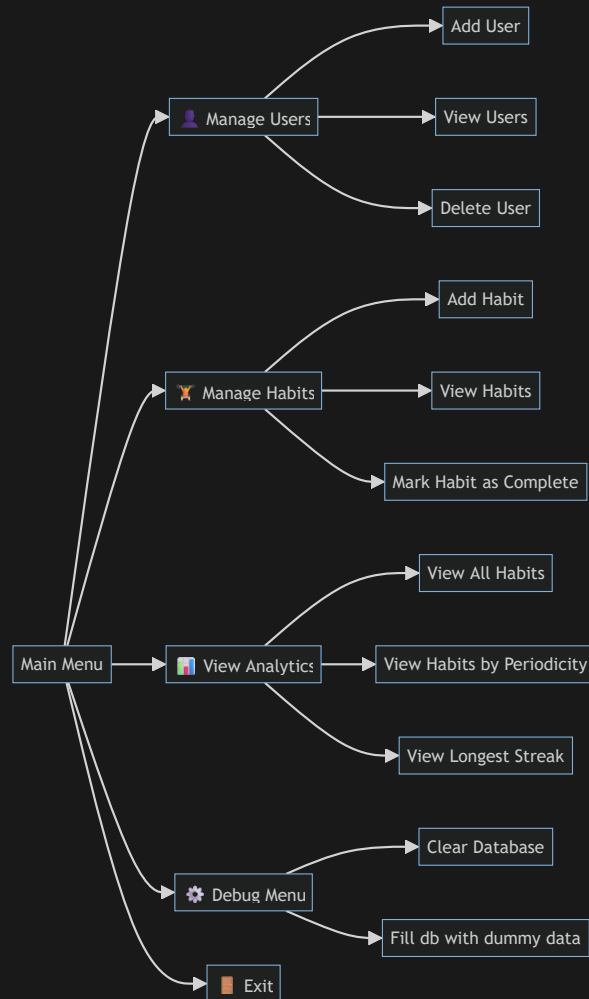
Programmed by Alonso Burón

Simplify your habit tracking

Program's structure and features

Main Menu
- 👤 Manage Users
  - Add User
  - View Users
  - Delete User
- 🏋 Manage Habits
  - Add Habit
  - View Habits
  - Mark Habit as Complete
- 📊 View Analytics
  - View All Habits
  - View Habits by Periodicity
  - View Longest Streak
- ⚙ Debug Menu
  - Clear Database
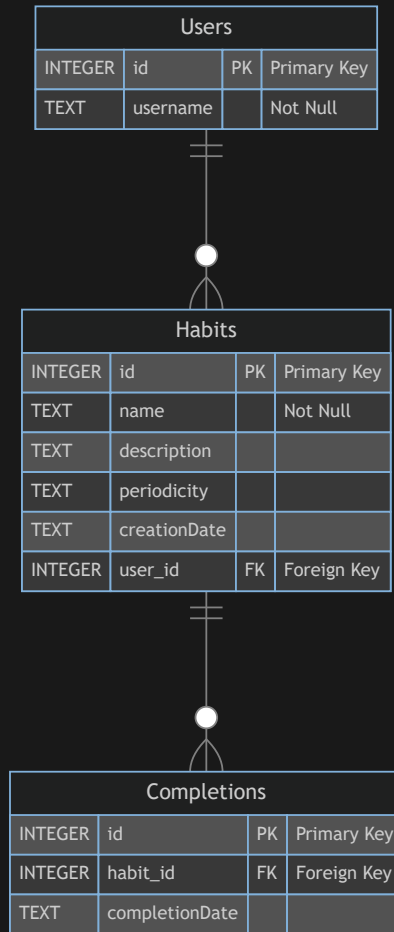 - Fill db with dummy data
- 📙 Exit

REQUIRED EXTERNAL LIBRARIES:

- SQLite3
  (included in python)

- Colorama
  (for easier terminal coloring)

- prompt_toolkit
  (For interactive arrow-keys oriented TUI)
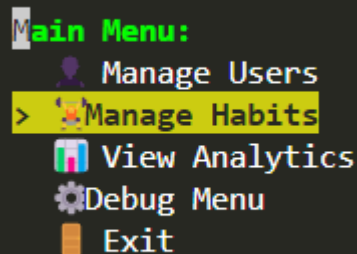
COMPONENTS:

- Analytics
- Completions
- DataPersistence
- Habit
- InteractiveMenu
- Main
- TUI
- User

DATABASE STRUCTURE

Users

INTEGER	id	PK	Primary Key
TEXT	username		Not Null

Habits

INTEGER	id	PK	Primary Key
TEXT	name		Not Null
TEXT	description		
TEXT	periodicity		
TEXT	creationDate		
INTEGER	user_id	FK	Foreign Key

Completions

INTEGER	id	PK	Primary Key
INTEGER	habit_id	FK	Foreign Key
TEXT	completionDate		

HOW TO:

1. Run `main.py` on your terminal
2. Use the arrow keys to navigate the menus
3. Use the Enter key to select an option
4. When done, Exit the program

CODE STRUCTURE