

Habit Tracking Application

AddHabit

Method:

- *add_habit*(self, name, category, frequency, duration, file_db)

Adds a new habit and stores it in the database.

EditHabit

Arguments:

- *habit_name*: the name of the habit that needs to be edited
- *choice*: the user's choice of what should be edited in habit (name/category/frequency)
- *new_value*: the new value that the users input

Method:

- *edit*(self, file_db)

Changes the name/category/frequency of the specified habit in the database

AnalyzeHabit

Methods:

- *check_off*(self, name: str, answer: str, file_db)

This function is responsible for marking the habit after its completion.

- *count_streak_days*(self, habit_name: str, frequency: str, file_db)

Counts streak days

- *report*(self, purpose: str, file_db)

Gives information about habits

PredefinedHabits

Method:

- *report_predefined_habits*(self, file_db)

Reviews all predefined habits

Delete

Method:

- *delete_the_habit*(self, name: str, file_db)

This function is responsible for deleting the habit by its name.