JSON file

User data

Habit data

save

load

Program

HabitManagement

analytics.py

habit_list(user): list

periodicity_habit_list(periodicity, user): list

longest_streak(user): list

periodicity_longest_streak(periodicity, user): list

most_habit_breaks(user): list

habits.py

Habit: class

create_habit(task, perdiocitiy, user): string

check_off_habit(task, user): string

delete_habit(task, user): string

bridge.py

import HabitManagement

import flask

Request

Response

Web client

User action (routing/forms)