# Development & reflection phase

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**Bachelor/ Data Science**
Object-oriented and functional
programming with Python

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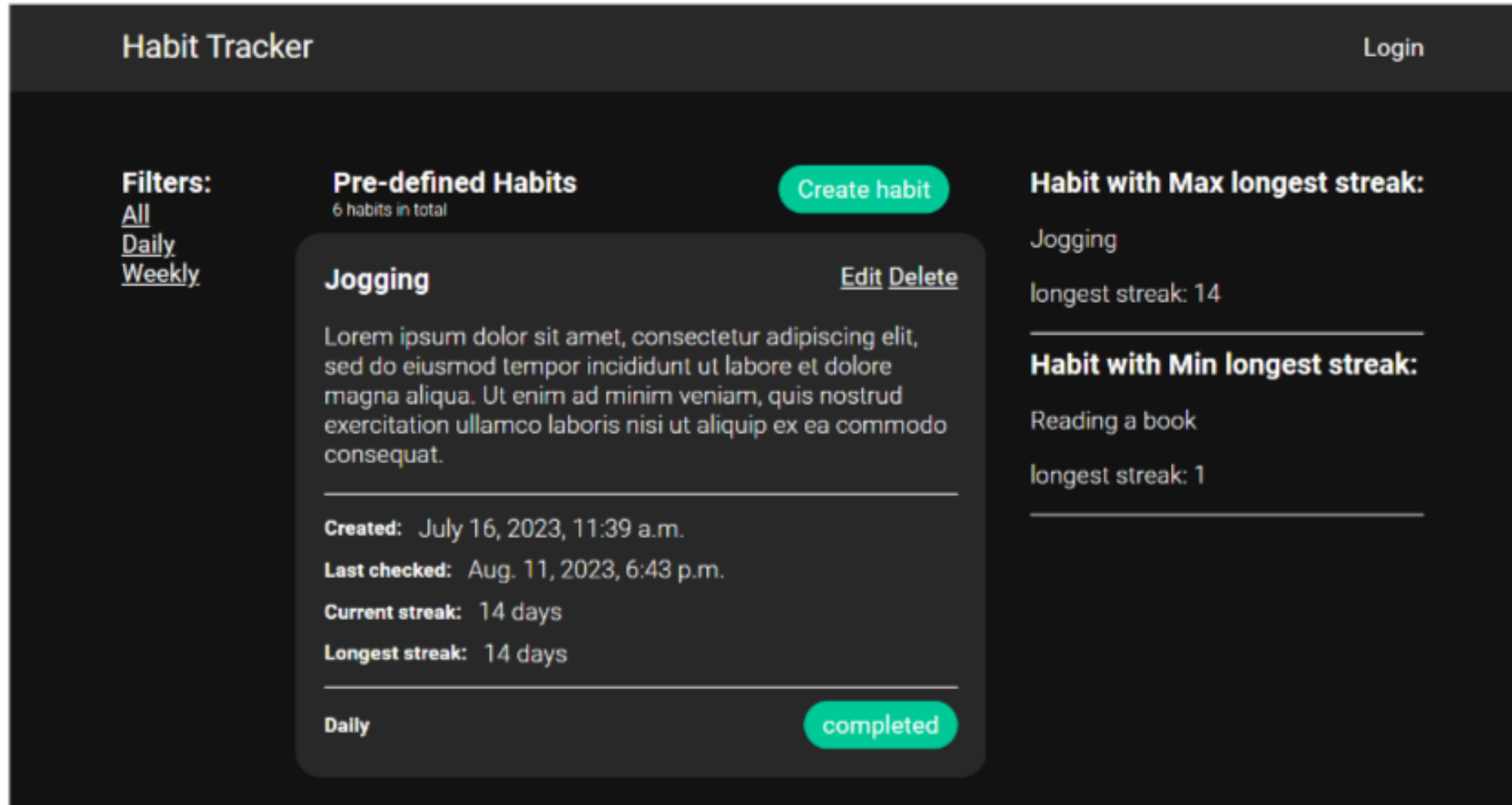# Libraries & Main files

## Libraries:

- Django
- Datetime

## Main files:

- models.py
- views.py
- habit_analysis.py
- forms.py

# Overview of the Habit Tracker Website

**Habit Tracker**                                                          Login

**Filters:**          **Pre-defined Habits**          [ Create habit ]          **Habit with Max longest streak:**
All                   6 habits in total
Daily                                                                        Jogging
Weekly
                      **Jogging**                    Edit Delete            longest streak: 14

                      Lorem ipsum dolor sit amet, consectetur adipiscing elit,   **Habit with Min longest streak:**
                      sed do eiusmod tempor incididunt ut labore et dolore
                      magna aliqua. Ut enim ad minim veniam, quis nostrud        Reading a book
                      exercitation ullamco laboris nisi ut aliquip ex ea commodo
                      consequat.                                                  longest streak: 1

                      **Created:**  July 16, 2023, 11:39 a.m.
                      **Last checked:**  Aug. 11, 2023, 6:43 p.m.
                      **Current streak:**  14 days
                      **Longest streak:**  14 days

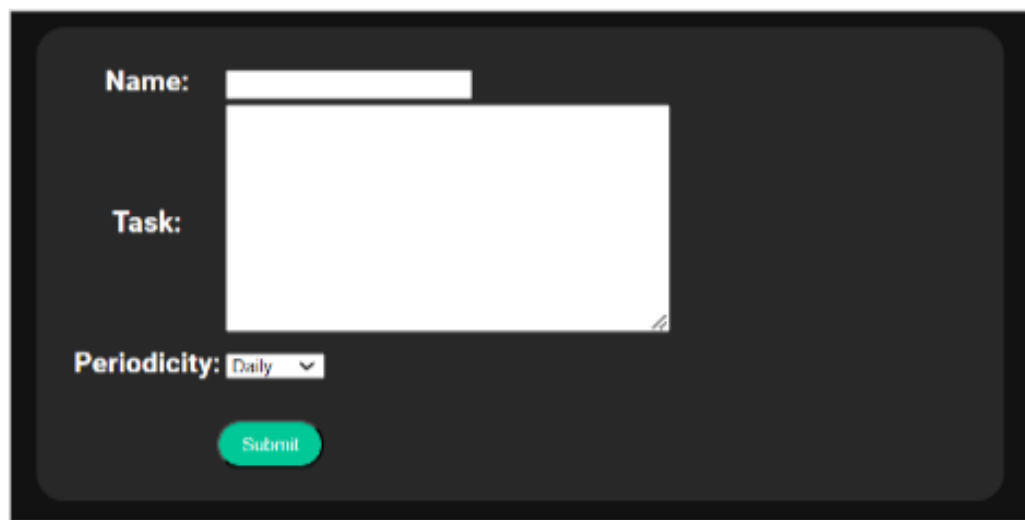                      **Daily**                      [ completed ]

# Create a Habit

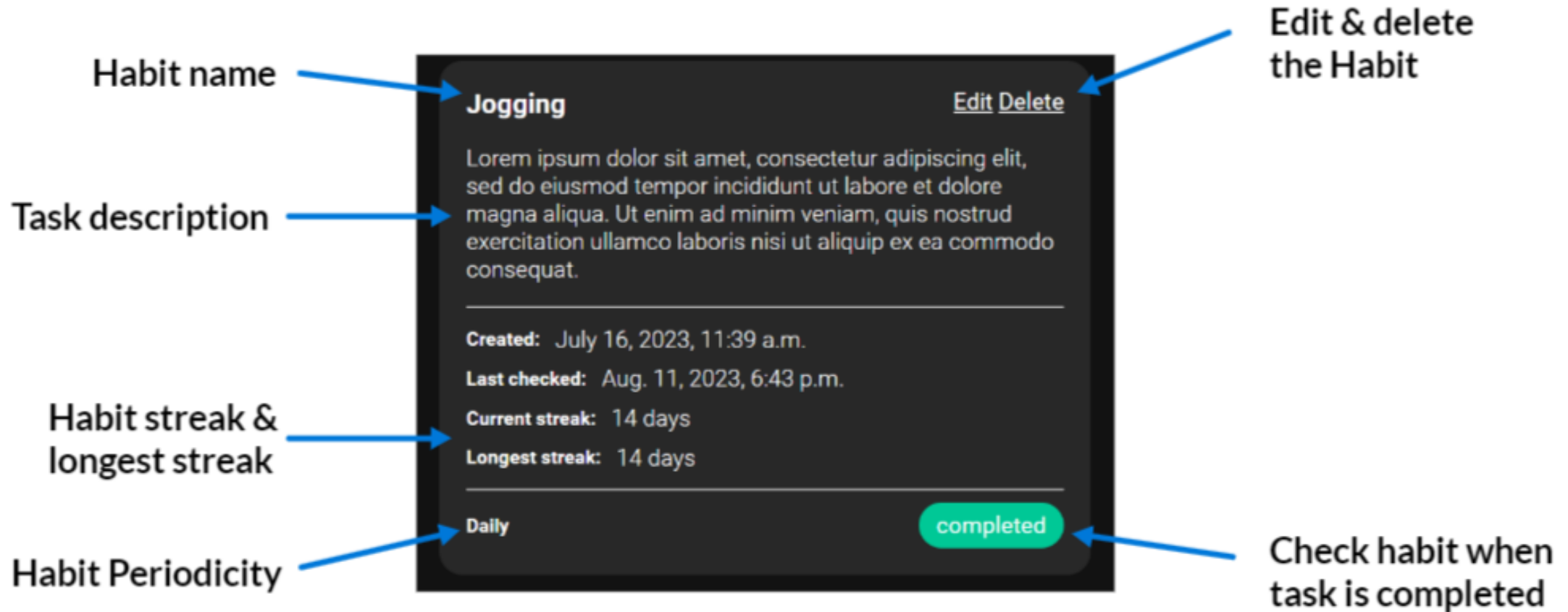To create a new habit, you should first login and then proceed to click the "Create Habit" button.

Input the habit's name, describe the task, choose the periodicity and then press the "submit" button to create your habit.

# Habit display

**Habit name**

**Task description**

**Habit streak & longest streak**

**Habit Periodicity**

**Edit & delete the Habit**

**Check habit when task is completed**



**Jogging**                                          Edit Delete

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

**Created:**  July 16, 2023, 11:39 a.m.
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**Current streak:**  14 days
**Longest streak:**  14 days

**Daily**                                         completed

# Analyze Habits

**Habit filtering options:**

> **Filters:**
> All
> Daily
> Weekly

**Habits count**

> **Pre-defined Habits**
> 6 habits in total

> **Your Habits:**
> 6 habits in total

**Max and Min longest streak habits**

> **Habit with Max longest streak:**
>
> Jogging
>
> longest streak: 14
>
> _____
>
> **Habit with Min longest streak:**
>
> Reading a book
>
> longest streak: 1
>
> _____