

# Habit Tracker Website

PYTHON & SQL PROJECT

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# Why Habit Tracker?



Set personal goals



Track your progress



Log your daily achievements



Progress statistical analysis



Share progress with community  
for motivation



# Technical Implementation











Programming Language: Python







Framework: Django








Database Management System: SQLite





















# Database Schema









Users List			
	user_id	integer	
	user_name	string	
	occupation	string	
	last_name	string	
	first_name	string	
	city	string	
	password	text	
	email	text	
 Add field			

Posts			
	post_id	integer	
	user_id	integer	
	publish_date	datetime	
	content	text	
 Add field			

Comments			
	comment_id	integer	
	post_id	integer	
	user_id	integer	
	publish_date	datetime	
	content	text	
 Add field			

Likes			
	like_id	integer	
	post_id	integer	
	user_id	integer	
	content	text	
 Add field			

Habits			
	habit_id	integer	
	user_id	integer	
	habit_type	boolean	
	habit_name	text	
	habit_desc	text	
	habit_days_target	float	
	success_activity	text	
	success_range	text	
	success_amount	float	
	success_unit	text	
 Add field			

Habits Tracker			
	habits_tracker_id	integer	
	habit_id	integer	
	date	datetime	
	habit_type	boolean	
	yes_now_value	boolean	
	success_amount_value	float	
 Add field			



# User Manual

1. Download the project from GitHub.

>><https://github.com/jtbandurski/PythonSQL-Project>

2. Upload the project.

3. Create an environment:

>>pipenv shell

4. Install Django

>>pipenv install django

5. Run server on http:

>>python manage.py runserver



