django-admin startproject fitness\_website .

python manage.py startapp tracker



\* fitness\_website/settings.py -> INSTALLED\_APPS -> add tracker

python manage.py runserver

python manage.py migrate



\* fitness\_website/settings.py -> import os, 'DIRS': [os.path.join(BASE\_DIR, 'tracker', 'templates')], STATICFILES\_DIRS = [

os.path.join(BASE\_DIR, 'tracker', 'static')

]

STEP 2

\* tracker/views.py -> write full code

\* tracke/urls.py [CREATE]-> from django.urls import path

from . import views

urlpatterns = [

path('', views.home, name='home'),

]

\* fitness\_website/urls.py -> change import + urlspatterns

\* tracker/templates/tracker/home.html + {% load static %} -> style.css -> script.js

python manage.py runserver

STEP 3

\* tracker/models.py -> full code

\* tracker/forms.py [CREATE] -> full code

\* tracker/views.py ->from .forms import UserProfileForm

from django.shortcuts import redirect

def signup(request):

if request.method == 'POST':

form = UserProfileForm(request.POST)

if form.is\_valid():

form.save()

return redirect('home')

else:

form = UserProfileForm()

return render(request, 'tracker/signup.html', {'form': form})

\* tracker/urls.py -> update

\* home.html -> <a href="/signup/"><button>Sign Up</button></a>

\* tracker/templates/tracker/signup.html

\* fitness\_website/urls.py -> from django.contrib import admin

from django.urls import path, include

urlpatterns = [

path('admin/', admin.site.urls),

path('', include('tracker.urls')),

]

\*python manage.py makemigrations

python manage.py migrate

\* go to <http://127.0.0.1:8000/signup/>  
  
  
  
STEP 4

\* tracker/models.py -> add class DailyLog

\* tracker/forms.py -> add from .models import DailyLog

class DailyLogForm(forms.ModelForm):

class Meta:

model = DailyLog

fields = [

'user\_email', 'weight', 'went\_to\_gym', 'workout\_details',

'calories\_burned', 'free\_time\_minutes'

]

\* tracker/views.py -> add def log\_daily\_data(request):

\* tracker/urls.py ->add path('log/', views.log\_daily\_data, name='log'),

\* create tracker/templates/tracker/daily\_log.html

python manage.py makemigrations

python manage.py migrate

\* home.html -> <a href="/log/">

<button style="padding: 10px 20px; font-size: 16px;">Log Today’s Data</button>

</a>

\* python manage.py runserver

\* tracker/admin.py -> from .models import DailyLog

STEP 5

\* tracker/views.py

\* tracker/urls.py -> path('weight-data/', views.weight\_data\_json, name='weight-data'),

\* weight\_chart.html

STEP 6

\* tracker/models/py -> Dailylog add milestone\_achieved = models.BooleanField(default=False)

\* python manage.py makemigrations

python manage.py migrate

\* tracker/views.py -> update daily\_log

\* home.html -> {% if celebration %}

<div style="color: lime; font-size: 20px; margin-top: 20px;">

{{ celebration }}

</div>

{% endif %}

STEP 7

\* tracker/views.py -> from datetime import datetime

def home(request):

now = datetime.now()

hour = now.hour

hydration\_message = ''

if 6 <= hour < 12:

hydration\_message = "🌞 Good morning! Time for your first glass of water 💧"

elif 12 <= hour < 18:

hydration\_message = "🌤️ Afternoon hydration check! Drink some water 💧"

elif 18 <= hour < 22:

hydration\_message = "🌇 Evening hydration reminder! One more glass 💧"

elif 22 <= hour < 24:

hydration\_message = "🌙 Final hydration check before bed 💧"

return render(request, 'tracker/home.html', {'hydration\_message': hydration\_message})

\* home.html

Step 8

\* tracker/views.py -> from .models import DailyLog

update home

\* home.html

GITHUB

\* cd path\to\fitness\_tracker\_project

\* git init

\* create .gitignore

\* git add .

\* git commit -m "🎉 Initial commit - fitness tracker fullstack app"

f