```python
import os
import numpy as np
import pandas as pd
import pickle as pk
import streamlit as st

def onfitpredt(input_features):
    model_path = "D:/Institute/Excelr/Excelr Project/Project - Excelr - Bike - Main/Project - Deploy/best_rf_mdl.pkl"  # Replace wi
    with open(model_path, "rb") as file:
        loaded_model = pk.load(file)
    return loaded_model.predict([input_features])

def main():
    st.title("Random Forest Model Prediction")

    # Input fields for all 14 features
    Season = st.number_input("Seasons", min_value = 1, max_value = 4, step = 1)
    Year = st.number_input("Year (2011 or 2012)", min_value = 2011, max_value = 2012, step = 1)
    Month = st.number_input("Month (1-12)", min_value = 1, max_value = 12, step = 1)
    Hour = st.number_input("Hour (0-23)", min_value = 0, max_value = 23, step = 1)
    Holiday = st.selectbox("Holiday (0: No, 1: Yes)", options = [0, 1])
    Weekday = st.number_input("Weekday (0-6, Mon-Sun)", min_value = 0, max_value = 6, step = 1)
    WorkingDay = st.selectbox("Working Day (0: No, 1: Yes)", options = [0, 1])
    WeatherCondition = st.number_input("Weather Condition (1-4)", min_value = 1, max_value = 4, step = 1)
    Temperature = st.number_input("Temperature (normalized, 0-1)", min_value = 0.0, max_value = 1.0, step = 0.01)
    aTemperature = st.number_input("Adjusted Temperature (normalized, 0-1)", min_value = 0.0, max_value = 1.0, step = 0.01)
    Humidity = st.number_input("Humidity (normalized, 0-1)", min_value = 0.0, max_value = 1.0, step = 0.01)
    WindSpeed = st.number_input("WindSpeed (normalized, 0-1)", min_value = 0.0, max_value = 1.0, step = 0.01)
    Casual = st.number_input("Casual", min_value = 0.0, max_value = 1.0, step = 0.01)
    Registered = st.number_input("Registered", min_value = 0.0, max_value = 1.0, step = 0.01)

    # Collect inputs into a feature list
    input_features = [
        Season, Year, Month, Hour, Holiday, Weekday, WorkingDay, WeatherCondition,
        Temperature, aTemperature, Humidity, WindSpeed, Casual, Registered
    ]

    if st.button("Predict"):
        prediction = onfitpredt(input_features)
        st.success(f"Predicted Total Count: {prediction[0]:.2f}")
```

```
if __name__ == "__main__":
    main()
```