Object Tracking Application

This application tracks moving objects in a video using OpenCV and Streamlit. It uses the MOG2 background subtractor to detect moving objects and draws a green rectangle around them.

Features

- Upload a video file in formats: mp4, avi, mov, wmv
- Detects moving objects using MOG2 background subtractor
- Draws a green rectangle around detected objects

Requirements

- streamlit
- opencv-python-headless
- numpy

Installation

1. Clone the repository:

```
git clone <repository-url>
```

2. Navigate to the project directory:

```
cd <project-directory>
```

3. Install the required packages:

```
pip install -r requirements.txt
```

Usage

1. Run the Streamlit app:

```
streamlit run app.py
```

2. This App deployed on streamlit cloud.
3. Upload a video file and see the object tracking in action. Here