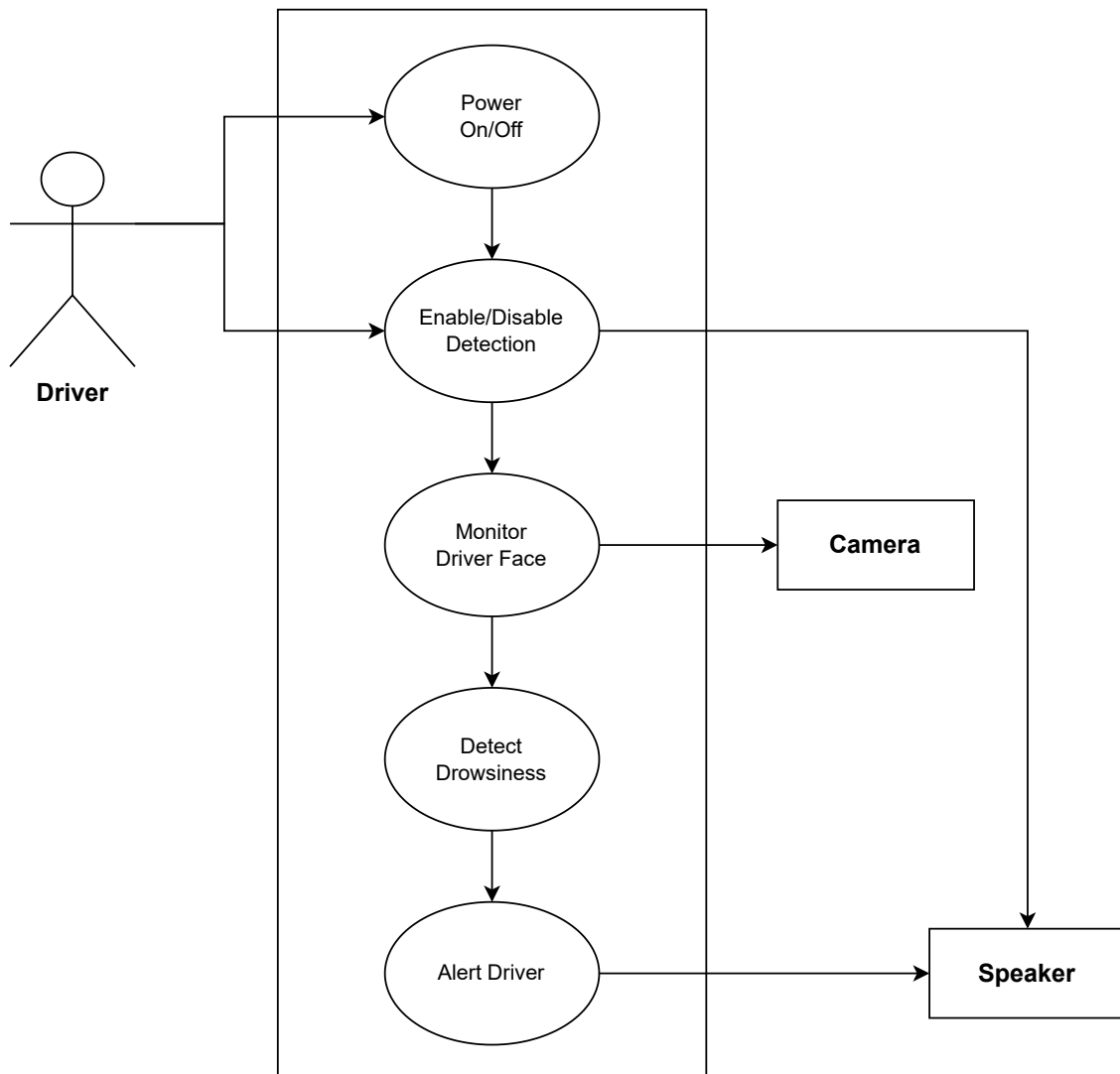# Use Case Diagram

Actors:

- **Driver:** The driver interacting with the system to power it on/off or enable/disable detection using a switch.
- **Camera:** Captures the driver's face for monitoring purposes.
- **Speaker:** Outputs audio alerts.

Use Cases:

- **Power On/Off**: Allows the driver to power the system on or off.
- **Enable/Disable Detection**: Listens to the switch to start or stop the detection process. It also sends audio reminders every 10 minutes if the detection system is off.
- **Monitor Driver Face**: Observes the driver's face using the camera for signs of drowsiness.
- **Detect Drowsiness**: Analyzes the captured data to determine if the driver is drowsy or yawning.
- **Alert Driver**: Sends alerts to the speaker to warn the driver of detected drowsiness.