1. **Python Environment**
   * Python 3.6 or higher
2. **Python Libraries**
   * **STREAMLIT**: For building and serving the web application.
   * **TORCH:** PyTorch library, used here for loading the YOLOv5 model.
   * **NUMPY**: For numerical operations.
   * **OPENCV-PYTHON**: OpenCV library for image processing.
   * **PILLOW**: Python Imaging Library (PIL), used here for handling images.
   * **pyttsx3**: Text-to-speech library for speech synthesis.
3. **YOLOv5 Model**
   * The YOLOv5 model is loaded using Torch Hub from the ultralytics/yolov5 repository