Human Fall Detection

Week 06 (Due on 22nd July):

1. In this final assignment, we'll deploy our model into a user-friendly UI. There are some prerequisites which must be completed before deploying the model.
   - The model must be saved.
   - Check that the model is working on the live feed and is able to recognize the movements.
2. Use **Streamlit** framework to deploy your project into UI.
3. Streamlit is an open-source framework which is easily available for deploying ML and Data Science projects.
4. Creating UI is a very subjective process and can be created according to one's own requirements/preferences. Still, there are many templates available online for streamlit. You can check them out if you like.
5. Our suggestions:
   a. Keep a separate window for PoseNet pose detection. This will let the user see the working of PoseNet and how it detects various body points.
   b. In another window, use your model to detect the actions performed and display the action name in that window. This label (action name) must change as per the user action.
6. If one wishes to use some other framework/platform, he/she can happily do so.