

Main window and menu-

The main window is the first screen shown to the user. At the main Window there are instructions for starting the app. After the user read the instructions, he needs to select the paths of the CSV file of the flight and the XML file at the matching location on the screen.



Here the user can select the wanted files from his computer's library using FileDialog.



Further instructions for the different options the user can choose from.

Hello!
First, please select the pathes of the CSV anomaly flight and the XML flight.
Then, you can choose which data you want to see: MediaPlayer, WheelControl, graphs and detections.
Be advised! If you want to see the detections of your anomaly flight, you need to select the pathes of a regular flight and an alghorithem for the detections.
Enjoy your flight (:

OK

From the main window, a menu opens for the user. In the menu, the user can select to display any of the subset below:

- media player control in order to change the timing of the flight
- navigator control in order to see different flight data such as elevator, speed, throttle and more
- different flight data that represents with graphs
- anomaly detections of the anomaly CSV file with another flight that the user uploads

All those options are shown as a check-box list that the user can choose from. For every chosen option, a different screen will be open and will show the data.

The menu holds a list of all the class's models. Using polymorphism, the different models implements the IADP2Model interface with adjustments according to their needs. That way the menu can go over the list and ask them all to connect and start the flight, regardless the dynamic type of each model.

