

Flight Safety System

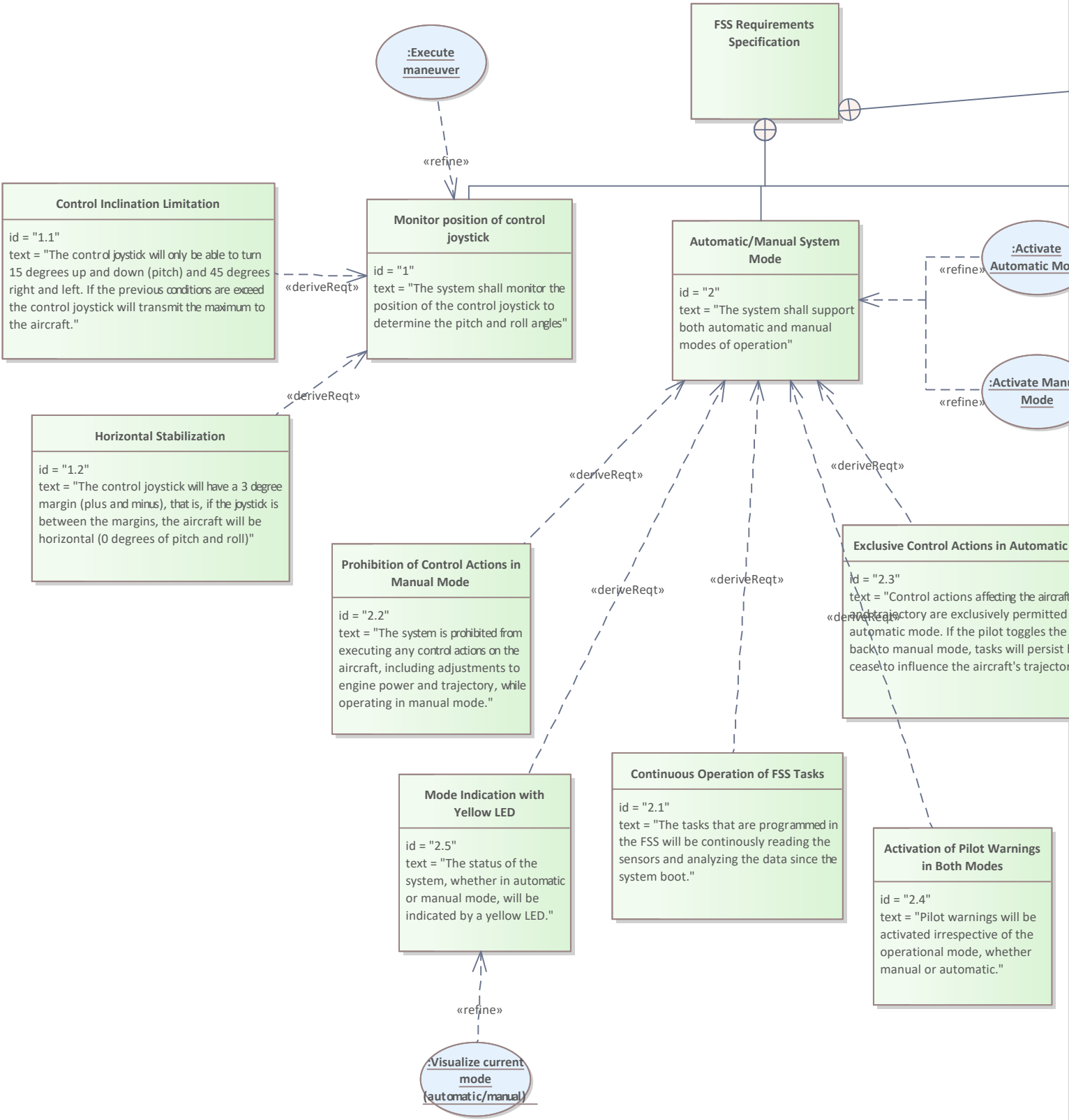
Members

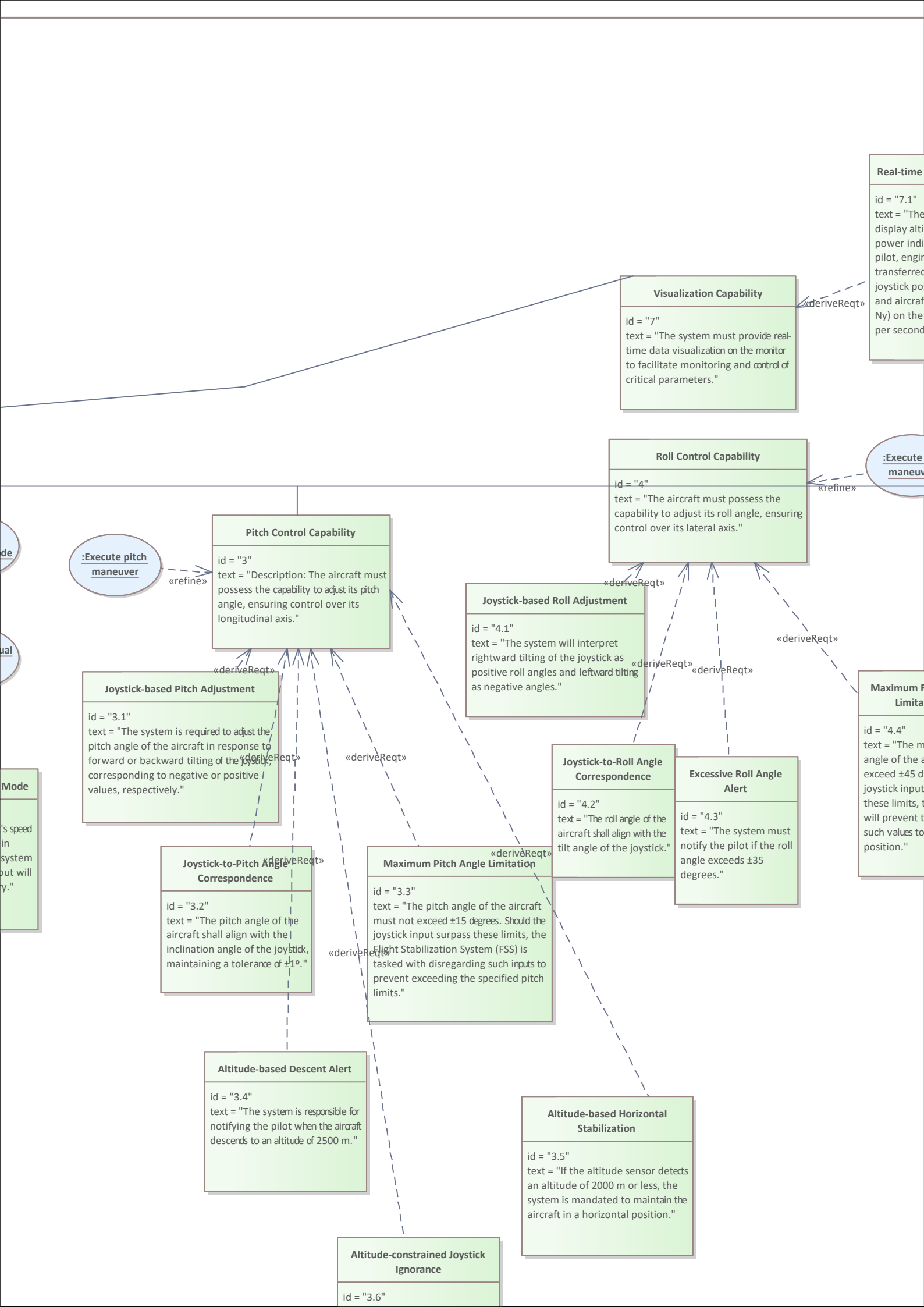
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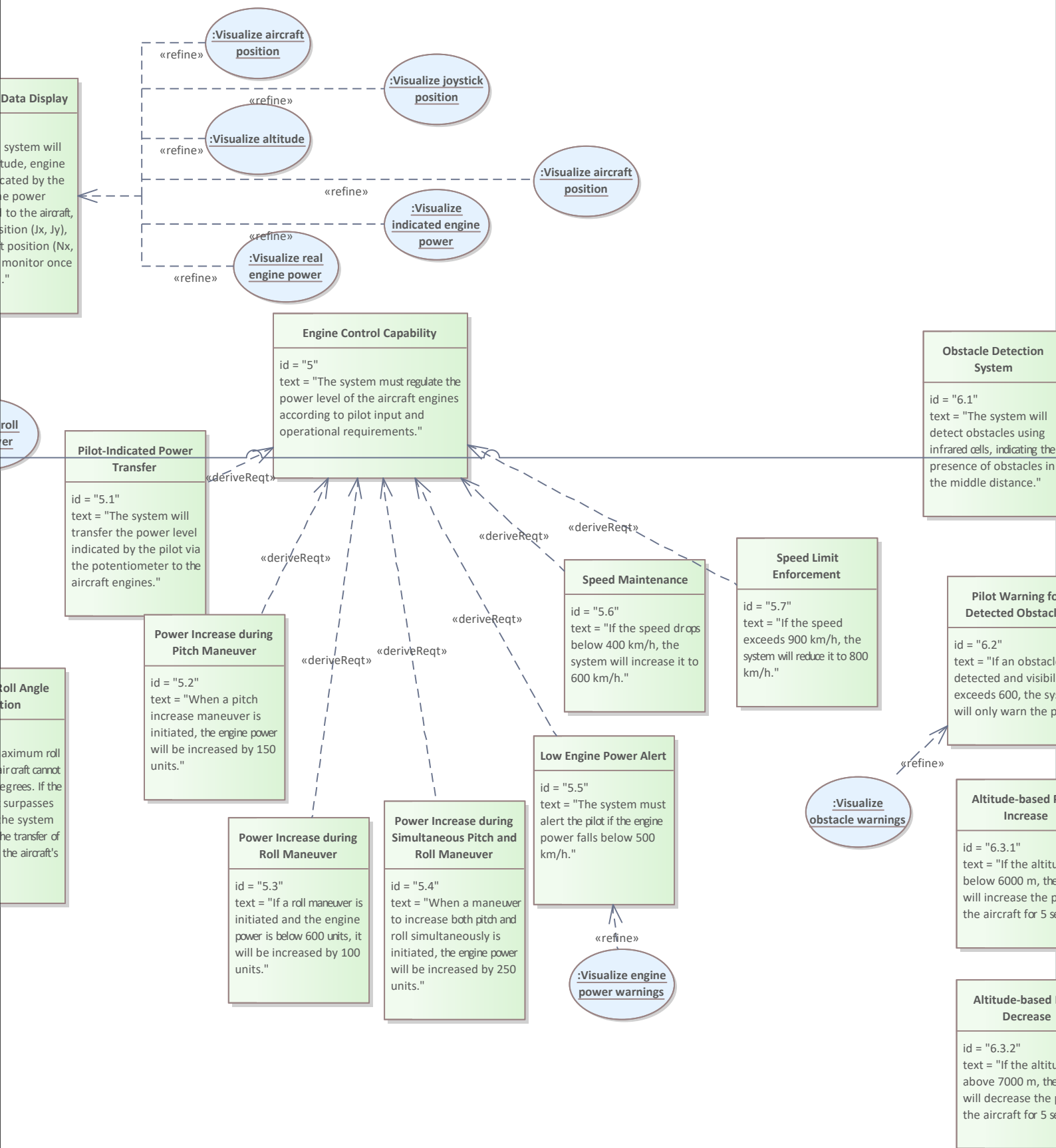
Group opinion

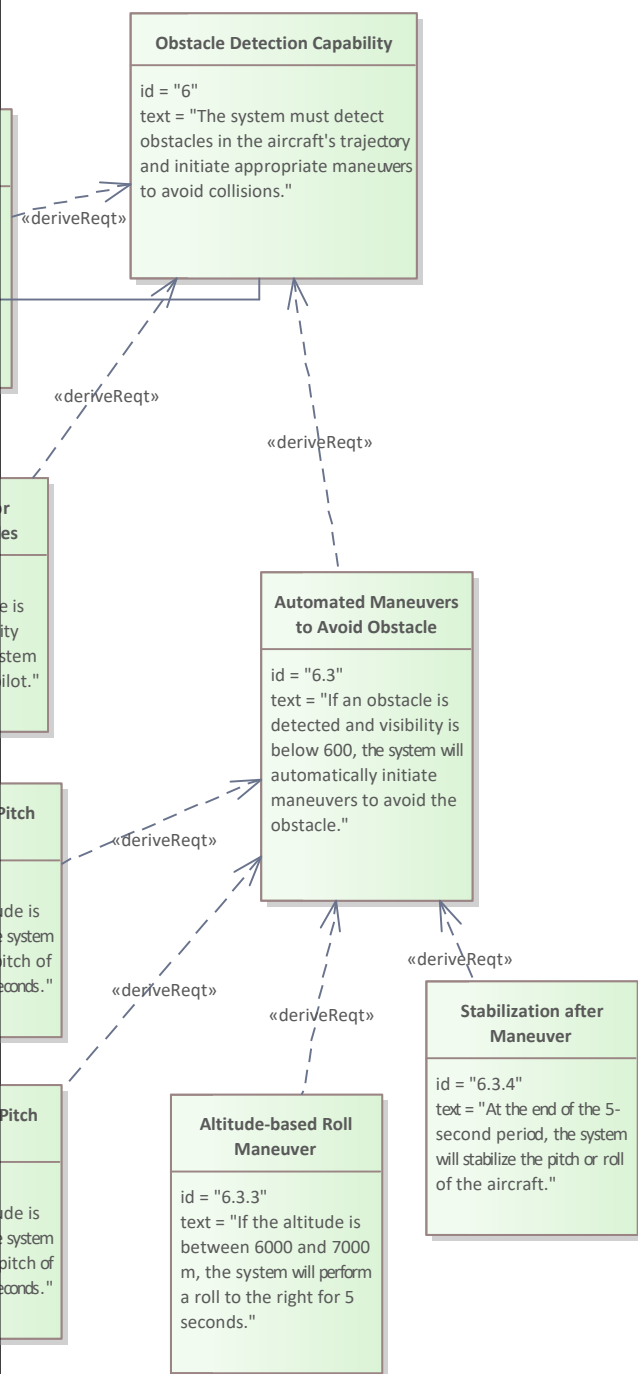
This project helped us develop a better understanding of embedded systems by creating the diagrams specific to the system and implementing the code necessary for it to run and fulfill all the requirements. The group project also developed our teamwork skills, at least one member of the group taking part in each task.

Diagrams

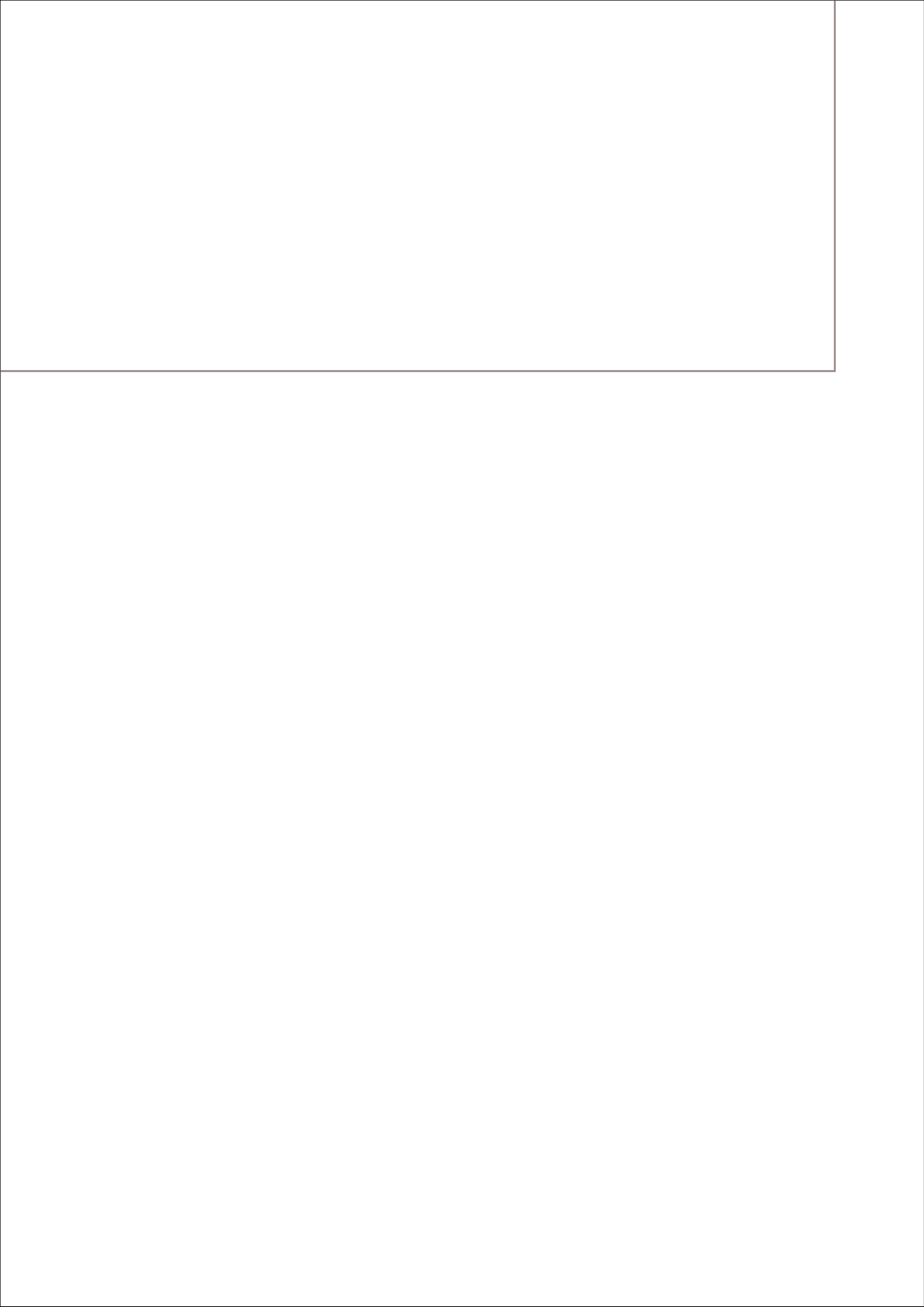








text = "When the altitude is 2000 m or lower and the pilot attempts further descent, the system should disregard joystick inputs."





Visualize current mode
(automatic/manual)

Visualize warnings

Activate Automatic
Mode

Activate Manual Mode

Visualize altitude

Execute maneuver

Visualize engine power

Visualize aircraft
position

Visualize joystick
position

Visualize obstacle
warnings

Visualize altitude
warnings

Visualize engine power
warnings

Execute pitch
maneuver

Execute roll maneuver

Visualize indicated
engine power

Visualize real engine
power

