Sprint plan 6

Bachelor Graduation Project: Model-based Optimization and Visualization of Aircraft Noise
Team: Elvan Kula and Hans Schouten

User Story	Task	Task Assigned To	Estimated Effort per Task
The user wants the source code to be maintainable and fully tested for future extensions	- Refactor the classes Point and Animator - Refactor and extend the population module - Test the KML Animation classes	Hans Elvan Hans & Elvan	5 Hours 5 Hours 10 Hours
The user wants to be able to perform all the tasks in a graphical user interface	- Create the 'home window' in which you can navigate to noise, optimize, visualise - Create the visualization navigation window - Create the visualization input window - Create the optimization input window - Open the GE plugin in the GUI	Hans Hans Hans & Elvan Hans & Elvan Hans	2 Hours 2 Hours 2 Hours 2 Hours 4 Hours
The user wants to be able to output specific noise output values	- Calculate contour area using spline function - Calculate spline coefficients	Hans & Elvan Elvan	5 Hours 3 Hours
The user wants to visualize the noise contours along the whole trajectory in a 2D animation	- Calculate the noise contours in one step (speed-up) - Set the camera perpendicular to the trajectory - Add the option to read in multiple trajectories	Hans Elvan Elvan	5 Hours 2 Hours 5 Hours