Sprint plan 9

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 to be able to visualize multiple trajectories at once for an overview of the produced noise at an airport (inbound/ outbound fligh)	- Add 2D visualization in Google Earth (adjust the contours for a better overview) - Add top view camera - Parse the Schiphol airport dataset from October 2010 - Generate animation of all trajectories - Add 2D animation to GUI	Hans & Elvan Hans Hans Elvan Hans	5 Hours 2 Hours 4 Hours 5 Hours 3 Hours
The user wants to visualize population density with heat maps	- Implement algorithm for heatmap .png generation based on population - Add the png as an overlay in 3D animation	Hans Hans	5 Hours 2 Hours
The user wants to visualize dose-response relationships (awakenings, sleep disturbances, highly annoyed)	- Add number of expected sleep disturbances (Lnight) - Add number of people being highly annoyed (Lden) - Add Effective Perceived Noise Level (EPNL) - Add Tone Corrected Max Perceived Noise Level (PNLTM)	Elvan Hans Elvan Hans	4 Hours 4 Hours 4 Hours 4 Hours

The user wants the team to report on their process and product	- Chapter 1: Introduction - Chapter 4: Conclusions - Chapter 5: Discussion/ recommendations - Process feedback project coach	Elvan Elvan Elvan Hans	2 Hours 2 Hours 4 Hours 2 Hours
The user wants the source code to be maintainable and fully tested for future extensions	- Process SIG feedback: Refactor the ContourPoint and KLMAnimator classes	Elvan	4 Hours