

# Sprint plan 1

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 product planning to be documented	- Chapter 1 - Introduction	Elvan	½ Hour
	- Chapter 2 – Product (product overview + roadmap)	Elvan	2 Hours
	- Chapter 3 - Product Backlog (including two extensive meetings with the client of two hours each)	Hans & Elvan	6 Hours
	- Chapter 4 - Definition of done	Elvan	2 Hours
The user wants the emergent architecture to be documented	- Chapter 1 - Design Goals	Hans & Elvan	2 Hours
	- Chapter 2 – Software Architecture View	Elvan	1 Hour
	Principle: Separation of Concerns	Hans	1 Hour
	Hardware software mapping	Hans	1 Hour
	Data management	Hans	1 Hour
	Concurrency	Hans & Elvan	6 Hours
	Architecture diagram (including an extensive meeting of two hours with the project coach)		
	External technologies	Elvan	2 Hours
The user wants the project team to analyse the problem, context and	- Chapter 1 - Target Customers	Hans & Elvan	2 Hours
	- Chapter 2 - Customer Needs	Hans & Elvan	2 Hours

possible solutions and to document this in a Research Report	<ul style="list-style-type: none"> <li>- Chapter 3 - Requirements</li> <li>- Chapter 4 - Product Attributes</li> </ul>	Hans & Elvan Hans	4 Hours 2 Hours
The user wants his calculations to be based on the Dutch RD-grid	<ul style="list-style-type: none"> <li>- Parse the input grid into a 2D-array</li> <li>- Refine the grid to a 125x125 grid</li> </ul>	Hans Hans	5 Hours 1 Hour