

Assignment Form

Overview			
Mobile Hardware Sampler			
Project Start Date	21/03/22	Project End Date	31/08/22
Project Description		Developing a mobile sampler device, based on Teensy 4.0	
Project Goals		<ul style="list-style-type: none"> - Read samples from SD Card to RAM - Working Midi In/Out/Host - Sample managing through display menu - Sample selection with rotary encoder - Implementation of digital filters/effects - Optional trigger samples with fsr (forced density resistor) pads - Master out volume control - External Line in/out + microphone in - Possibility to record mini notes - 2-8 tone polyphony 	

Project Participants

Stakeholder		
Role	Name	Area
Principal	Ulrich Reiter	PAM
	Nadine Wiehlpütz	PAM
Team		
Role	Name	Area
Team Leader	Dennis Oberst	PAM
Team Members	Lucas Haupt	PAM
	Alexander Kostenko	PAM
	David Mertens	PAM
	Lena Wilbertz	PAM

Project Budget

Personal Budget (in Hours)	Material Budget (in Euro)
5x 180h → 900h	6x ca.100€ → ca 600€

Dates & Milestones

Submissions	
Title	Due
Project Definition	28/03/22
Project Planning	31/03/22
Project Process	22/04/22
Milestone Presentation	03/06/22

Project Presentation	31/08/22
Poster Session	30/09/22
Milestones	
Title	Due
Research & decisions on technical aspects→ ordering technical materials	KW 12
Stage one finished	KW 20
Stage two finished	KW 28
Stage three finished	KW 32
Tested Final Product	KW 35

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