



# UNIVERSITÄT PADERBORN

## *Die Universität der Informationsgesellschaft*

Faculty for Electrical Engineering, Computer Science and Mathematics  
Department of Computer Science  
Computer Engineering Group

PG SOUNDGATES

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## Project Plan

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*Author:*

Martin BOONK  
Caius CIORAN  
Lukas FUNKE  
Hendrik HANGMANN  
Andrey PINES  
Thorbjörn POSEWSKY  
Gunnar WUELLRICH

*Supervisor:*

Prof. Dr. Marco PLATZNER  
Jun.-Prof. Dr. Christian PLESSL  
Dipl.-Inf. Andreas AGNE

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# 1 Introduction

## 1.1 Purpose

## 1.2 Document overview

## 1.3 Definitions

Term	Definition
Composite Component	Definition
Component	A basic building block to generate music
Editor	The Editor is used to create a patch out of components to generate synthesizable code which can be put on a FPGA
FPGA	Field Programmable Gate Array
Patch	The entire system which consists of Components and Composite Components. A set of single Components can build a new Component
Port	The interface from one Component to another one
Simulation	The developed patch is played through the PC speakers

## 1.4 System overview

## 1.5 References

## 2 Goals

### **3 Related Work**

## 4 Organization

## 5 Workplan