Project manager
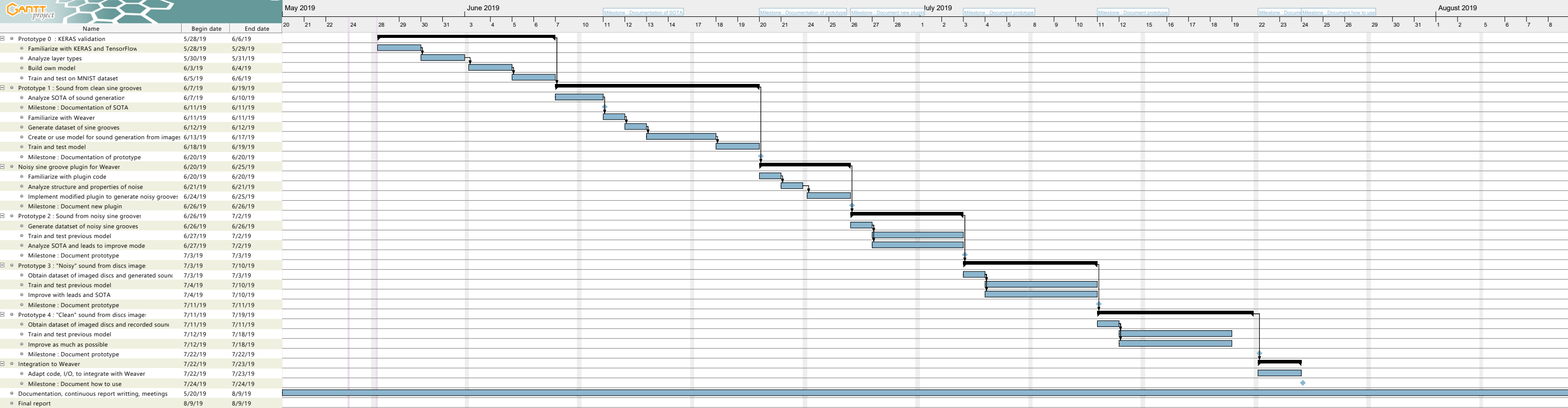**Project dates**   May 20, 2019 - Aug 10, 2019

Completion   0%
Tasks   38
Resources   0

Bachelor thesis schedule

Tasks

Name	Begin date	End date
Prototype 0 : KERAS validation	5/28/19	6/6/19
Familiarize with KERAS and TensorFlow	5/28/19	5/29/19
Analyze layer types	5/30/19	5/31/19
Build own model	6/3/19	6/4/19
Train and test on MNIST dataset	6/5/19	6/6/19
Prototype 1 : Sound from clean sine grooves	6/7/19	6/19/19
Analyze SOTA of sound generation	6/7/19	6/10/19
Milestone : Documentation of SOTA	6/11/19	6/11/19
Familiarize with Weaver	6/11/19	6/11/19
Generate dataset of sine grooves	6/12/19	6/12/19
Create or use model for sound generation from images	6/13/19	6/17/19
Train and test model	6/18/19	6/19/19
Milestone : Documentation of prototype	6/20/19	6/20/19
Noisy sine groove plugin for Weaver	6/20/19	6/25/19
Familiarize with plugin code	6/20/19	6/20/19
Analyze structure and properties of noise	6/21/19	6/21/19
Implement modified plugin to generate noisy grooves	6/24/19	6/25/19
Milestone : Document new plugin	6/26/19	6/26/19
Prototype 2 : Sound from noisy sine grooves	6/26/19	7/2/19
Generate datatset of noisy sine grooves	6/26/19	6/26/19
Train and test previous model	6/27/19	7/2/19
Analyze SOTA and leads to improve model	6/27/19	7/2/19
Milestone : Document prototype	7/3/19	7/3/19
Prototype 3 : "Noisy" sound from discs images	7/3/19	7/10/19
Obtain dataset of imaged discs and generated sound	7/3/19	7/3/19
Train and test previous model	7/4/19	7/10/19
Improve with leads and SOTA	7/4/19	7/10/19
Milestone : Document prototype	7/11/19	7/11/19
Prototype 4 : "Clean" sound from discs images	7/11/19	7/19/19
Obtain dataset of imaged discs and recorded sound	7/11/19	7/11/19
Train and test previous model	7/12/19	7/18/19
Improve as much as possible	7/12/19	7/18/19
Milestone : Document prototype	7/22/19	7/22/19
Integration to Weaver	7/22/19	7/23/19
Adapt code, I/O, to integrate with Weaver	7/22/19	7/23/19
Milestone : Document how to use	7/24/19	7/24/19
Documentation, continuous report writting, meetings	5/20/19	8/9/19
Final report	8/9/19	8/9/19

Gantt Chart

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Prototype 0 : KERAS validation	5/28/19	6/6/19
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Train and test previous model	6/27/19	7/2/19
Analyze SOTA and leads to improve mode	6/27/19	7/2/19
Milestone : Document prototype	7/3/19	7/3/19
Prototype 3 : "Noisy" sound from discs image	7/3/19	7/10/19
Obtain dataset of imaged discs and generated sound	7/3/19	7/3/19
Train and test previous model	7/4/19	7/10/19
Improve with leads and SOTA	7/4/19	7/10/19
Milestone : Document prototype	7/11/19	7/11/19
Prototype 4 : "Clean" sound from discs images	7/11/19	7/19/19
Obtain dataset of imaged discs and recorded sound	7/11/19	7/11/19
Train and test previous model	7/12/19	7/18/19
Improve as much as possible	7/12/19	7/18/19
Milestone : Document prototype	7/22/19	7/22/19
Integration to Weaver	7/22/19	7/23/19
Adapt code, I/O, to integrate with Weaver	7/22/19	7/23/19
Milestone : Document how to use	7/24/19	7/24/19
Documentation, continuous report writting, meetings	5/20/19	8/9/19
Final report	8/9/19	8/9/19

Name	Default role	May 2019	June 2019	July 2019	August 2019

Milestone - Documentation of SOTA
Milestone - Documentation of prototype
Milestone - Document new plugin
Milestone - Document prototype
Milestone - Document prototype
Milestone - Docume Milestone - Document how to use