

# Final Project Report Outline

- I. Project Overview & Introduction
  - A. Group Name: Hello Life! Can't Sleep.
  - B. General Idea of what the project is (going further in Background & Motivation)
- II. Background & Motivation
  - A. Music Emotion Recognition
  - B. Existing research & solutions including Music Information Retrieval Toolbox in Matlab
  - C. Neural network & machine learning
- III. Research & Past research
  - A. Music datasheet for training
  - B. Papers for research (at least three papers)
  - C. Our takeaways
- IV. Approach (How will it work?)
  - A. Our approach towards the training methods
  - B. Methods to recommend music
  - C. AI Ethics Model Card as we work on project
  - D. Implementation
- V. Outcome & Results
  - A. Example of the product
  - B. Result demonstration
- VI. Evaluation
  - A. What do we think about the result? What was correct/incorrect?
  - B. What were we able to finish and what we still need to get done
- VII. Conclusion
  - A. Improvements to be made
  - B. Further study / approaches
  - C. Ethical issues

## Medium article outline

- I. Introduction
  - A. Group Name: Hello Life! Can't Sleep
  - B. General Idea of what the project is (going further in Background & Motivation)
- II. Breakdown
  - A. Existing research & solutions including Music Information Retrieval Toolbox in Matlab
  - B. Neural network & machine learning
    - 1. Quick overview of how our neural network model works
    - 2. Description of the model (can draw diagram for visual)
- III. Overview of Dataset
  - A. EDA (Exploratory data analysis → trends in the data)
  - B. Why we chose the dataset
- IV. Overview of approach
  - A. Diagram of the system as a whole
  - B. Quick description of the importance parts of the system
  - C. Possible implementation or working example
- V. Result & Evaluation of Ethics
  - A. What do we think about the result? What was correct/incorrect?
  - B. What were we able to finish and what we still need to get done
  - C. What are the possible ethical issues for our project (reviews Model Card)?
- VI. Conclusion
  - A. Improvements to be made
  - B. Further study / approaches
  - C. Review once again any important ethical issues that arose