

AAI-511 – Team Project Status Update Form

Fill out this form and submit it by the end of Module 4 in Canvas.

Team Number: **AAI-511-03 Group 2**

Team Leader/Representative: **Alexis Lim / Carrie Little**

Full Names of Team Members:

- 1. Alexis Lim**
- 2. Carrie Little**
- 3. Ahmad Milad**

Title of Your Project: **Composer Classifier**

Short Description of Your Project and Objectives:

The primary objective of this project is to develop a deep learning model that can predict the composer of a given musical score accurately. The project aims to accomplish this objective by using two deep learning techniques: Long Short-Term Memory (LSTM) and Convolutional Neural Network (CNN).

We are focusing on the following composers:

- 1-Bach**
- 2-Beethoven**
- 3-Chopin**
- 4-Mozart**

Description of Your Selected Dataset (data source, number of variables, size of dataset, etc.):

**<https://www.kaggle.com/datasets/blanderbuss/midi-classic-music>
3929 midi files of classical works by 175 composers, including Bach, Beethoven, Mozart, Brahms, Chopin, Tchaikovsky, Strauss, Stravinski, Prokofiev, Rachmaninov, Bernstein, Bartok, Handel, Ravel, Scriabin, and others**

Are you using and practicing GitHub as a code hosting platform for version control and collaboration? If yes, provide the link here:

https://github.com/littlecl42/AAI-511-03_Group2

How many times have your members met in the last two weeks?

Communicated via slack multiple times and held two meetings via Slack Huddle

List the specific contributions that each team member is providing for the Final Team Project in the table below.

- **NOTE:** ALL students on the team should contribute equally to the Final Team Project.

Alexis Lim	Carrie Little	Ahmad Milad
Model 2 CNN	Created GitHub	Data Preprocessing EDA
Hyperparameter tuning – All	Team Rep - Project Status Update	Feature Selection
Evaluate Models – All	Model 1 LSTM	Hyperparameter tuning – All
Report Review – All	Hyperparameter tuning – All	Evaluate Models – All
Notebook Review - All	Evaluate Models – All	Notebook Structure/Markdown
Project Report Final	Project Report Draft-Carrie	Report Review – All
Team Rep - Project Submittal	Report Review – All	Notebook Review - All
	Notebook Review - All	

Comments/ Roadblocks: _____
