Vietnam National University - HCMC

UNIVERSITY OF SCIENCE

FACULTY OF INFORMATION TECHNOLOGY

PLAN REPORT ON FINAL PROJECT

Topic: RESEARCH ON MUSIC TASTE WORDWIDELY

Course: Introduction to Data Science

Student on Project: Group 8
21127528 - Nguyen Thi Minh Minh
21127063 - Nguyen Van Dang Huynh
21127423 - Tran Hieu Tam

Instructor:
Teacher: Nguyen Bao Long
Teacher: Le Ngoc Thanh
Teacher: Pham Trong Nghia
Teacher: Nguyen Ngoc Thao

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Contents

1 Member Information

STT	Full name	Student ID	Email
1	Nguyen Thi Minh Minh	21127528	ntmminh21@clc.fitus.edu.vn
2	Nguyen Van Dang Huynh	21127063	nvdhuynh21@clc.fitus.edu.vn
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Table 1: Member Information

2 Project Information

2.1 Project Title

Research on music taste wordwidely

2.2 Project Description

*This part writen later

3 Project Plan

3.1 Project Schedule: Phase 1

STT	Task	Content	Member	Due date
1	First meeting	Meeting and decide topic.	All	27/11/2023
2	Making plan on Trello	Making plan on Trello	21127423	27/11/2023
3	Crawl Data (1st Crawl)	Crawl data from web kworb.net	21127528	27/11/2023 - 29/11/2023
4	Crawl Data (2nd Crawl)	Crawl data from web kworb.net	21127423	27/11/2023 - 29/11/2023
5	Crawl Data (3rd Crawl)	Crawl data from Youtube using API	21127063	27/11/2023 - 29/11/2023
6	Crawl Data (4th Crawl)	Crawl data from Spotify using API	21127528	29/11/2023 - 31/11/2023
7	Write Introduction Notebook	Write introduction notebook	21127423	29/11/2023 - 31/11/2023
8	Second Meeting	Gather all data collected and plan for next phase	All	31/11/2023

Table 2: Project Schedule: Phase 1

3.2 Project Schedule: Phase 2

STT	Task	Content	Member	Due date
1	Data Processing (1st process)	Process data on the first sample	21127063	31/11/2023 - 02/12/2023
2	Data Processing (2nd process)	Process data on the first sample	21127423	31/11/2023 - 02/12/2023
3	Data Processing (3rd process)	Process data on the second sample	21127528	31/11/2023 - 02/11/2023
4	Data Exporation (Basic Level)	Doing overview on the first and second sample	21127063	02/12/2023 - 03/12/2023
5	Data Exporation (Basic Level)	Doing overview on the first and second sample	21127528	02/12/2023 - 03/12/2023
6	Data Exporation (Advanced Level)	Propose 2 questions and answer with visualization	21127423	02/12/2023 - 04/12/2023
7	Data Exporation (Advanced Level)	Propose 3 questions and answer with visualization	21127063	02/12/2023 - 04/12/2023
8	Data Exporation (Advanced Level)	Propose 2 questions and answer with visualization	21127528	02/12/2023 - 04/12/2023
9	Third Meeting	Gather all data exporation sample and plan for next phase	All	04/12/2023

Table 3: Project Schedule: Phase 2

3.3 Project Schedule: Phase 3

STT	Task	Content	Member	Due date
1	Data Modeling Preparation	Data Preparation	21127528	04/12/2023 - 05/12/2023
2	Data Modeling (1st)	Problem statement and Data Preparation	21127063	04/12/2023 - 05/12/2023
3	Data Modeling (2nd)	Build Model 1: Linear Regression	21127063	05/12/2023 - 09/12/2023
4	Data Modeling (3rd)	Build Model 2		05/11/2023 - 09/12/2023
5	Data Modeling (4th)	Build Model 3		05/11/2023 - 09/12/2023
6	Data Modeling Evaluation	Evaluate Models		09/12/2023 - 10/12/2023

Table 4: Project Schedule: Phase 3

3.4 Project Schedule: Phase 4

STT	Task	Content	Member	Due date
1	Final Meeting	Gather all data modeling sample and start final report	All	11/12/2023
2	Write Plan Report	Write plan report	21127528	12/12/2023
3	Slide for presentation	Slide for presentation	21127423	11/12/2023 - 13/12/2023
4	Reorganize Source code and Report	Reorganize Source code and Report	21127063	11/12/2023 - 13/12/2023

Table 5: Project Schedule: Phase 4