GDPR Compliance Document

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**Semester:** 7

**Course:** AI for Society

# Introduction

This document outlines how I, as the developer of the Top Hit Song Prediction model, ensure the privacy and protection of personal data in accordance with the General Data Protection Regulation (GDPR). The Top Hit Song Prediction platform allows users to input the audio attributes of their songs. Based on these inputs, the model predicts whether a song is likely to be a hit. If the song is not predicted to be a hit, the platform provides guidance on how to improve it.

# Lawfulness, fairness and transparency

Users are informed about the collection of their data through the Privacy Policy, which explains what data is collected, why it is collected, and how it is processed. Consent is obtained before any personal data is collected. Users have full rights and visibility over their data, including the ability to access, modify, or delete it at any time.

# Purpose limitation

The personal data collected includes:

* User ID
* Email
* Password
* Timestamp of registration

This data is collected solely for the purpose of using the Top Hit Song Prediction Model, which provides suggestions for improving the song. The data is not repurposed for unrelated activities such as marketing or profiling without the user’s explicit consent.

# Data Minimization

Only the minimum necessary personal data is collected. This includes the user's email, which is required to grant access to the Top Hit Song Prediction model.

# Accuracy

Users are provided with the ability to correct or update their personal information. Measures are in place to verify the accuracy of personal data where applicable. If inaccurate data is not corrected after the user has been notified, the data will be scheduled for deletion one month after the notification.

# Storage limitation

Personal data is stored only for as long as necessary to fulfill the purpose of using the Top Hit Song Prediction model. Users can request the deletion of their data at any time. Inactive accounts and related data will receive a notification after 6 months of inactivity, and if no action is taken, the data will be automatically deleted 3 months after the notification.

# Integrity and confidentiality

All data is stored securely using industry-standard encryption methods. Access to personal data is restricted to authorized and authenticated personnel only. The platform uses HTTPS and regularly updates its security protocols to mitigate unauthorized access or data breaches.

# Accountability

I am responsible for maintaining users' personal data in a secure manner and for demonstrating compliance with data protection requirements when requested by a data protection authority.

# Lawfulness of processing

The processing of personal data on the Top Hit Song Prediction platform is carried out lawfully through the following:

* **Consent:** Users provide consent before any personal data is collected or processed. Consent is obtained when users accept the terms during the sign-up process for the Top Hit Song Prediction platform. Users may withdraw their consent at any time by deleting their account, after which their data will be removed from the platform.
* **Contract:** Processing is necessary to provide the core service of the platform, which is predicting whether a song is a potential hit and offering improvement suggestions. This includes creating and managing user accounts and processing audio feature data. The audio feature data is used once at the time of submission to generate predictions and suggestions for improving the song. The audio features are not stored or retained after processing, ensuring minimal data usage while still fulfilling the user's request.
* **Legal obligation:** Where legally required, we retain or share personal data to meet legal obligations such as responding to user data requests, complying with tax regulations, or assisting official investigations. We do not collect or store personal data beyond what is necessary to fulfill these legal duties.

# Identity and contact details

The developer: Tony Jiang

Contact info: [t.jiang@student.fontys.nl](mailto:t.jiang@student.fontys.nl)

# Purpose and Legal Basis for Processing

We collect and process personal data to:

* Allow users to create and manage their accounts
* Predict whether a song is a potential hit based on provided audio features
* Provide suggestions to improve the user’s song

**Note:** Audio features are processed in real-time to generate predictions and suggestions. These features are not stored, saved, or linked to your personal data. The processing is purely temporary and solely for fulfilling the service of the user’s requested.

Legal bases for processing:

* Consent: You give clear permission when signing up.
* Contract: Processing is necessary to deliver the core service (predictions and suggestions).

# Categories of Personal Data Collected

1. User ID
2. Email
3. Password (securely hashed)
4. Timestamp of Registration

**Note:** Audio features are processed temporarily to generate predictions and are not stored.

# Data Recipients

We do not share your personal data with third parties unless required by law.

# Data Retention Period

Your personal data is retained only as long as necessary to provide the service.

You may request deletion at any time, and your data will be removed.

Accounts inactive for over 6 months will notify and after 3 months it will be automatically deleted.

# Your Rights Under GDPR

As a data subject, you have the right to:

* Access your personal data
* Correct or update your information
* Request deletion
* Withdraw consent at any time
* Object to or restrict processing
* Lodging a complaint with a supervisory authority

# Whether Data is Required

Providing your email is necessary to use the prediction service. Without this, the service cannot be delivered.

# Automated Decision-Making

Our model provides prediction based on audio features, but no legal or significant decisions are made solely through automated processing.