GAN for Original media and advertising

Document Version Control

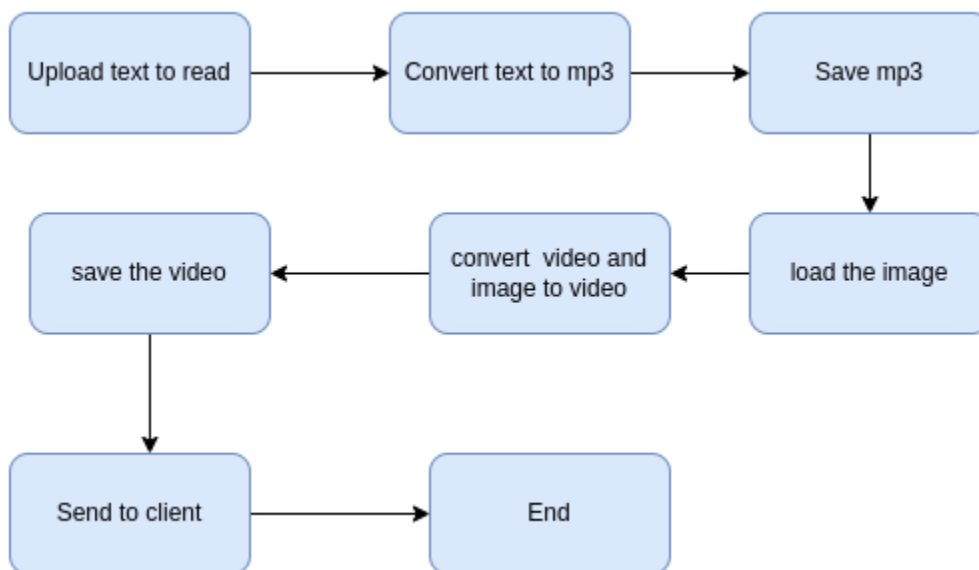| Date Issues	Version	Description	Author
13 March 2022	1	Initial LLD	Mohamed Naji Abo

1. Introduction

1.1. What is a Low-Level design document?

The goal of LLD or a low-level design document (LLDD) is to give the internal logical design of the actual program code for Food Recommendation System. LLD describes the class diagrams with the methods and relations between classes and program specs. It describes the modules so that the programmer can directly code the program from the document.

1.2. Scope

Low-level design (LLD) is a component-level design process that follows a step-bystep refinement process. This process can be used for designing data structures, required software architecture, source code and ultimately, performance algorithms. Overall, the data organ

2. Architecture

Upload text to read → Convert text to mp3 → Save mp3

save the video ← convert video and image to video ← load the image

save the video → Send to client → End

3. Architecture Description

3.1. Image Preparation

Face image is selected and kept it inthe media folder

3.2 Upload text message

Text message is uploaded to server.

3.3 Convert the Text to mp3

UPloaded text message is converted to mp3 and using google text to speech software and it will be saved to the media folder

3.4 Convert to Video

Uploaded mp3 and the image is passed to the LipGAN which further converted to the video. This will be saved to media and url is given back to the client