**Task**

Create a web page which will do the following

1) upload image

2) upload text file

3) Create Audio

4) merge Image and audio

similarly ,

1) upload vidoe

2) upload text file

3) Create Audio

4) merge video and audio

and in final step **merge all video .** clicking on add more button will create the new block to

repeat the same step .

**Demo website** : <https://mythousandapp.herokuapp.com/>

**Api Enpoint**

/upload\_file : to upload file

/text\_file\_to\_audio : to convert text to audio

/merge\_image\_and\_audio : to merge image + audio to video

/merge\_video\_and\_audio : to merge video + audio to video

/merge\_all\_video : to merge list of video

/download\_file : to download any file from server

1) Upload File

**URL** : <https://video-editor-api.herokuapp.com/upload_file>

**Method**  : POST

**Request Body**  (form-data)

my\_file : {{Your\_file}}

**Response Body** (json)

{

"status": "ok",

"file\_path": "public/upload/6bc5277a-b3ac-477e-b71d-998c156bc0da.txt"

}

**Description :** Used to upload Image file ( jpg, jpeg, png) , Text file ( txt) , Video file ( mp4) . you will have to send your file using formData with key 'my\_file' . Response body will contain the path of the uploaded file .To access the file you will have concatenate domain name and file path [https://video-editor-api.herokuapp.com/{{file\_path}}](https://video-editor-api.herokuapp.com/%7B%7Bfile_path%7D%7D)

**Example** if path of uploaded file is

'public/upload/6bc5277a-b3ac-477e-b71d-998c156bc0da.png'

then it can be access by  
 <https://video-editor-api.herokuapp.com/public/upload/6bc5277a-b3ac-477e-b71d-998c156bc0da.png>

In this way , you can access converted Audio , Video file also.

2) Create Audio

**URL** : <https://video-editor-api.herokuapp.com/text_file_to_audio>

**Method**  : POST

**Request Body**  (json)

{

"file\_path": "public/upload/6bc5277a-b3ac-477e-b71d-998c156bc0da.txt"

}

**Response Body** (json)

{

"status": "ok",

"message": "text to speech converted",

"audio\_file\_path": "public/upload/4839379a-4d0a-440e-943f-e1e4b0ebfdb7.mp3"

}

**Description :** Used to convert audio from uploaded text file . In Request body 'file\_path' is the uploaded text file path . In Response body 'audio\_file\_path' is the path of converted audio file .

3) Merge Image and Audio

**URL** : <https://video-editor-api.herokuapp.com/merge_image_and_audio>

**Method**  : POST

**Request Body**  (json)

{

"image\_file\_path": "public/upload/20a4dc79-dc67-43c9-b61c-a0e4aceb3de7.jpg" ,

"audio\_file\_path": "public/upload/4839379a-4d0a-440e-943f-e1e4b0ebfdb7.mp3"

}

**Response Body** (json)

{

"status": "ok",

"message": "Video Created Successfully",

"video\_file\_path": "public/upload/e88c28f8-9da0-4fd8-9e56-41712e24868d\_voice.mp4"

}

**Description :** Used to Create Video by merging Image and Audio. In Request body

'image\_file\_path' is the path of uploaded Image file , 'audio\_file\_path' ' is the

path of uploaded Audio file. In Response body 'video\_file\_path' is the path of output video

file.

4) Merge Video and Audio

**URL** : <https://video-editor-api.herokuapp.com/merge_video_and_audio>

**Method**  : POST

**Request Body**  (json)

{

"video\_file\_path":"public/upload/893adf65-9c49-4d74-9add-36ca23c6361c.mp4",

"audio\_file\_path": "public/upload/4839379a-4d0a-440e-943f-e1e4b0ebfdb7.mp3"

}

**Response Body** (json)

{

"status": "ok",

"message": "Video and Audio Merged Successfully",

"video\_file\_path": "public/upload/d9141df7-557d-4862-ae28-7d72909ca78b.mp4"

}

**Description :** Used to Create Video by merging Video and Audio. In Request body

'video\_file\_path' is the path of uploaded video file , 'audio\_file\_path' ' is the

path of uploaded Audio file. In Response body 'video\_file\_path' is the path of output video

file.

5) Merge All Video

**URL** : <https://video-editor-api.herokuapp.com/merge_all_video>

**Method**  : POST

**Request Body**  (json)

{

"video\_file\_path\_list": [

"public/upload/893adf65-9c49-4d74-9add-36ca23c6361c.mp4",

"public/upload/8sda23df65-9c49-4d74-9add-36daaa2341c.mp4",

"public/upload/7f55e680-67dc-4721-ba45-a8a738c68e5a.mp4"

]

}

**Response Body** (json)

{

"status": "ok",

"message": "Merged All Video Successfully",

"video\_file\_path": "public/upload/4a1ef1cd-7ec9-4ffc-bb8b-e8f0ccac341c.mp4"

}

**Description :** Used to merge multiple video . In Request body

'video\_file\_path\_list' is the array contain the list of video file path . Video will be merge

according to the index of video files in 'video\_file\_path\_list' . In Response body

'video\_file\_path' is the path of output video file.

6) Download File

**URL** : <https://video-editor-api.herokuapp.com/download_file>

**Method**  : GET

**Request Query** (query-string)

file\_path=public/upload/5214c459-47d5-434f-8c25-cce3a5f47ff7.mp4

**Response**

file will start downloading

**Description :** Used to download existing file from server . if you want to download any existing file from server then you can send get request to the server and it will download the file . you

download file by going to url '<https://video-editor-api.herokuapp.com/download_file?file_path={{existing_file_path_in_server}}>

**Example**   
 if you file path is 'public/upload/5214c459-47d5-434f-8c25-cce3a5f47ff7.mp4' then you can

download it by opening url <https://video-editor-api.herokuapp.com/download_file?file_path=public/upload/5214c459-47d5-434f-8c25-cce3a5f47ff7.mp4> in browser