

# SVMusic API Testing SRS

## Introduction

This document is a Software Requirements Specification (SRS) that describes the SVMusic API. The document includes the requirements to test the SVMusic API without user interface, the testing process will be on Postman platform.

## Overall Description

### About

SVMusic is a website which allows the user to create a profile, to create playlists and to add songs to the playlist by searching them in the website and the website will use YouTube API to locate the songs that we search. The website is not 100% ready, the frontend part is still under development but the backend part is ready to start the testing process.

### SVMusic Server Requests

The server is on Heroku Cloud, it accepts the Get, Post, Delete and Put requests and the url for the server is -

<https://spotless-dove-snaps.cyclic.app>

**Get ("/") request** - <https://spotless-dove-snaps.cyclic.app/> returns the text "Welcome to SVMUSIC".

**Get ("/all") request** - <https://spotless-dove-snaps.cyclic.app/all> returns a JSON format for all the saved playlists in the website.

**Get ("/findplaylist") request** -

<https://spotless-dove-snaps.cyclic.app/findplaylist> should be sent with a name with the keyword "name" as a query, the name is the playlist name and returns a list of names of all the saved songs in the playlist, if we send a name for a playlist which is not saved we will get a message that the playlist was not found.

**Get ("/admin") request** - <https://spotless-dove-snaps.cyclic.app/admin> allows us to connect to the website as an admin, this request should be sent with token, the token should be entered inside the headers and the key is authorization, the token we enter after the word bearer.

**Post ("/createplaylist") request** -

<https://spotless-dove-snaps.cyclic.app/createplaylist> should be sent with the playlist name with the keyword "name" to create new playlist, after sending the request a new playlist will be created, and if there is a playlist with that name we will get a message that there is already a playlist with that name.

- **This request must be encoded, it should be encrypted**

**Post ("/search") request** - <https://spotless-dove-snaps.cyclic.app/search> this request should be sent with the playlist name with the keyword "name" and the song name with the keyword "song", in this request the function will search the song in YouTube and will save the title of the first video/song that appears in the playlist by the name that we send, if we send a playlist name that is not saved we will get a message that the playlist was not found.

- **This request must be encoded, it should be encrypted**

**Post ("/signin") request** - <https://spotless-dove-snaps.cyclic.app/signin> allows us to get token so we can login as an admin, with the username "ohad" with the keyword "user" and the password "1234" with the keyword "password", the token will be usable for 10 minutes only.

- **This request must be encoded, it should be encrypted**

**Delete ("/deleteplaylist") request** -

<https://spotless-dove-snaps.cyclic.app/deleteplaylist> should be sent with the playlist name with the keyword "name" and if the playlist was found it will be removed and in case it was not found we will get a message that the playlist was not found.

- **This request must be encoded, it should be encrypted**

**Put ("/editplaylistname") request** -

<https://spotless-dove-snaps.cyclic.app/editplaylistname> this request should be sent with the playlist name that we want to change the name with the keyword "name", and the new name that we want to change the name to with the keyword "newname", if that playlist was found the name will be

changed and if it was not found we will get a message that the playlist was not found.

- **This request must be encoded, it should be encrypted**