

| Route                        | Method | Body   | Sample Response   | Description  |
|------------------------------|--------|--|---|--|
| <a href="#">/allsongs</a>    | GET    |  | <pre>{   "songId": 1,   "title": "Kunu Kune",   "singers": "Yesudas, Chithra",   "albumn": "Yoddha",   "playtime": 226 }, {   "songId": 2,   "title": "Snehithane",   "singers": "Srinivas, Sadhana Sargam",   "albumn": "Alai Payuthey",   "playtime": 275 }</pre> | Display all songs in the app                                 |
| <a href="#">/song/1</a>      | GET    |  | <pre>{   "songId": 1,   "title": "Kunu Kune",   "singers": "Yesudas, Chithra",   "albumn": "Yoddha",   "playtime": 226 }</pre>  | Display song with ID as 1                                    |
| <a href="#">/song/search</a> | POST   | <pre>{   "text": "kun" }</pre>   | <pre>{   "songId": 1,   "title": "Kunu Kune",   "singers": "Yesudas, Chithra",   "albumn": "Yoddha",   "playtime": 226 }</pre>  | Displays a list of songs whose name contain the string "kun" |
| <a href="#">/addsong</a>     | POST   | <pre>{   "title": "XYZ",   "singers": "ABC",   "albumn": "SQ",   "playtime": 200 }</pre> | <pre>{   "songId": 5,   "title": "XYZ",   "singers": "ABC",   "albumn": "SQ",   "playtime": 200 }</pre>   | Adds a new song to the application                           |
| <a href="#">song/5</a>       | DELETE |  | true  | Deletes a song by song ID.                                   |
| <a href="#">/playlists/1</a> | GET    |  | <pre>[   {     "playlistId": 1,     "name": "Playlist_1",     "userId": 1,</pre>  | Gets all playlists belonging to user with user ID 1          |

|                                  |      |                                  |   |  |
|----------------------------------|------|----------------------------------|---|--|
|                                  |      |                                  | <pre>       "createdAt": "2020-12-08T13:08:39.795+00:00"     },     {       "playlistId": 2,       "name": "Playlist_2",       "userId": 1,       "createdAt": "2020-12-08T13:08:39.795+00:00"     },     {       "playlistId": 4,       "name": "same",       "userId": 1,       "createdAt": "2020-12-08T13:08:39.795+00:00"     }   ] </pre> |  |
| <a href="#">/playlist/search</a> | POST | <pre> {   "text": "pla" } </pre> | <pre> [   {     "playlistId": 1,     "name": "Playlist_1",     "userId": 1,     "createdAt": "2020-12-08T13:08:39.795+00:00"   },   {     "playlistId": 2,     "name": "Playlist_2",     "userId": 1,     "createdAt": "2020-12-08T13:08:39.795+00:00"   } ] </pre>   | Gets a list of playlists belonging to a user whose playlist name matches the search string "pla" |

|   |        |   |   |   |
|---|--------|---|---|---|
| <a href="#">/playlistdetail/addsong</a>   | POST   | {<br>"name":<br>"sam",<br>"userId": 1<br>}          | {<br>"playlistId": 7,<br>"name": "same",<br>"userId": 1,<br>"createdAt": "2020-12-08T13:08:39.795+00:00"<br>}   | Creates a new playlist corresponding to a user. |
| <a href="#">playlist/7</a>                | DELETE |   | true  | Deletes a playlist by playlist ID.              |
| <a href="#">/playlistadd</a>              | POST   | {<br>"playlistId":<br>1,<br>"songId": 3<br>}        | {<br>"playlistId": 1,<br>"songId": 3<br>}   | Adds an existing song to playlist               |
| <a href="#">playlistdetail/deletesong</a> | DELETE | {<br>"playlistId":<br>"1",<br>"songId":<br>"3"<br>} | true  | Deletes a song from playlist.                   |
| <a href="#">/playlistsongs/{id}</a>       | GET    |   | [<br>{<br>"songId": 1,<br>"title": "Kunu Kune",<br>"singers": "Yesudas, Chithra",<br>"albumn": "Yoddha",<br>"playtime": 226<br>},<br>{<br>"songId": 2,<br>"title": "Snehithane",<br>"singers": "Srinivas, Sadhana Sargam",<br>"albumn": "Alai Payuthey",<br>"playtime": 275<br>}<br>] | Gets all songs in a playlist                    |