

Endpoint	Method	Query Parameters	Description	Success	Error	Authentication
/register	POST	None	Register a new user	201	400, 500	None
/login	POST	None	Authenticate user and return JWT token	200	401, 403	None
/user	GET	None	Retrieve user profile	200	400	USER
/user	PUT	None	Update user profile	200	400	USER
/users	GET	None	Retrieve all users profiles	200	400	ADMIN
/users/{id}	GET	None	Retrieve details of a specific user profile	200	404	ADMIN
/users/{id}	PUT	None	Update user details (e.g., role, profile information)	200	400, 404	ADMIN
/users/{id}	DELETE	None	Delete user account	204	404	ADMIN
/bands/search	GET	?genre=deathmetal	Calls Spotify: GET https://api.spotify.com/v1/search?q=genre%253Adeathmetal&type=artist to retrieve death metal bands.	200	400, 404, 500	None
/bands/search/{bandName}	GET	{bandName}	Calls Spotify API: GET https://api.spotify.com/v1/search?q={bandName}&type=artist to search for a band by name.	200	400, 404, 500	None
/bands/{id}	GET	{spotifyId}	Calls Spotify: GET https://api.spotify.com/v1/artists/{id} to get a band's details.	200	400, 404, 500	None
/bands/{id}/albums	GET	{spotifyId}	Calls Spotify: GET https://api.spotify.com/v1/artists/{id}/albums to get an artist's albums.	200	400, 404, 500	None
/bands	GET	None	Retrieve all bands for authenticated user/admin	200	400, 404, 500	USER/ADMIN
/bands/{id}	PUT	None	Update details of a specific band	200	400, 404	ADMIN
/bands	POST	None	Add a new band to the local database	201	400	ADMIN
/bands/{id}	DELETE	None	Remove a band from the local database	204	404	ADMIN
/favorites	GET	{id}	Get the authenticated user's favorite bands and their ratings from the local database	200	400, 500	USER
/favorites	POST	{band_id} in body	Add a band to favorites, including a rating	201	400, 500	USER
/favorites/{id}	DELETE	{bandName}	Remove a band from favorites	204	400, 500	USER
/events	GET	None	Retrieve all events for authenticated user/admin	200	500	USER/ADMIN
/events/{id}	GET	{id} (Event ID)	Retrieve details of a specific event	200	404, 500	USER
/events	POST	None	Add a new event to the local database	201	400	ADMIN
/events/{id}	PUT	None	Update details of a specific event	200	400, 404	ADMIN
/events/{id}	DELETE	None	Remove an event from the local database	204	404	ADMIN
/events/search	GET	?band_name={band_name}	Calls Ticketmaster API: Search for events related to a band name	200	400, 500	None