

## REST endpoint documentation

<b>Endpoint<sup>1</sup></b>	<b>GET<sup>2</sup></b>	<b>POST<sup>3</sup></b>	<b>PUT<sup>4</sup></b>	<b>DELETE<sup>5</sup></b>
<b>/auth</b>	Returns current user session 200 OK	User login. 200 OK, 401 Invalid credentials		User logout. 200 OK
<b>/auth/register</b>	Creates new user account. 200 Created, 400 Invalid input, 409 Username/email exists			
<b>/users</b>	Returns all users. 200 OK, 403 Forbidden	Creates a new user. 201 Created, 400 Invalid input, 409 Username/email exists		
<b>/users/{id}</b>	Returns user by ID. 200 OK, 403	Updates user. 200 OK, 400 Invalid input, 401		Deletes user. 204

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<sup>1</sup> Endpoint of the resource and/or parameters

<sup>2</sup> GET method description and returned HTTP status code with the description.

<sup>3</sup> POST method description and returned HTTP status code with the description.

<sup>4</sup> PUT method description and returned HTTP status code with the description.

<sup>5</sup> DELETE method description and returned HTTP status code with the description.

	Forbidden, 404 Not found	Wrong password, 403 Forbidden, 404 Not found,409 Username/email taken		
<b>/users/{id}/role</b>	Changes user role. 200 OK, 400 Invalid role/Cannot change own, 404 Not found			
<b>/users/{id}/favorites</b>	Returns user's favorite playlists.200 OK, 403 Forbidden			
<b>/genres</b> <b>/users/{id}/recommendation s</b>	Returns personalized recommendation s. 200 OK, 403 Forbidden			
<b>/genres/{id}</b>	Returns all genres. 200 OK	Creates genre. 201 Created, 400 Invalid name, 409 Already exists		
<b>/playlists</b>	Returns all playlists. 200 OK	Creates playlist. 201 Created, 400 Invalid input		

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<b>/playlists/{id}</b>	Returns playlist. 200 OK, 400 Invalid ID, 403 Private playlist, 404 Not found		Updates playlist. 200 OK, 400 Invalid ID, 403 Forbidden, 404 Not found	Deletes playlist. 204 No Content, 400 Invalid ID, 403 Forbidden, 404 Not found
<b>/playlists/{id}/likes</b>	Returns like count. 200 OK, 400 Invalid ID	Adds like. 200 Created, 400 Invalid ID, 409 Already liked		Removes like. 204 No Content, 400 Invalid ID, 404 Not liked
<b>/playlists/{id}/favorites</b>	Returns favorite status. 200 OK, 400 Invalid ID	Adds to favorites. 201 Created, 400 Invalid ID, 409 Already favorited		Removes from favorites. 204 No Content, 400 Invalid ID, 404 Not in favorites
<b>/playlists/{id}/clicks</b>	Returns click stats. 200 OK, 400 Invalid ID, 403 Forbidden	Records click. 201 Created, 400 Invalid ID		
<b>/recommendations</b>	Returns trending			

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	playlists for unregistered users. 200 OK			
<b>/recommendations/genres</b>	Returns popular genres. 200 OK			
<b>/recommendations/new</b>	Returns new releases. 200 OK			
<b>/analytics</b>	Returns global analytics. 200 OK, 403 Forbidden			
<b>/audit-log</b>	Returns all audit logs. 200 OK, 403 Forbidden			
<b>/audit-log/actions</b>	Returns action types with counts. 200 OK, 403 Forbidden			
<b>/audit-log/export/pdf</b>	Exports audit logs as PDF file.			

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	200 OK, 403 Forbidden			
/upload		Uploads file. 200 OK, 400 No file provided, 401 Unauthorized		