

Backend Documentation

Backend Notes

- “auth_token” is a JWT where the payload is {“user_id”: int, “account_type”: string (“user”, “health_navigator”, “admin”, “health_org”)}. “auth_token” is invalid when “user_id” is not in the session.

End Points

No.	End Point	Description	Method	Parameters	Client Errors - All client errors must return a status code in range of 400-499 (doesn't really matter which ones you choose, frontend will only check “error_id” in body). The response body for client errors is in the form {“error_id”: int}
	/user/register-request	Users request to register an account. If all registration details are valid, then a 4 digit code is sent to user's email.	post	Parameters: { “first_name”: string, “last_name”: string “email”: string, “password”: string, “sex”: string (“M”, “F”, “O”) “phone_number”: string “language”: string (ISO639 full English language name), “current_medical_conditions”: string, “current_medications”: string, “other_medical_info”: string “address”: string, “suburb”: string, “postcode”: string “DOB”: string (“DD/MM/YYYY”) “emergency_contacts”: [{ “first_name”: string, “last_name”: string, “phone_number”: string }] } Return: { “user_register_request_id”: int }	<ol style="list-style-type: none">“email” is already registered to an existing account.“email” does not exist“first_name” is empty“last_name” is empty“password” not at least 8 characters“password” does not contain at least one of each of the following characters: a-z, A-Z, 0-9“password” contains user's first name case insensitive

					<p>8. “password” contains user’s last name case insensitive</p> <p>9. “sex” is not one of the available options</p> <p>10. “address” or “suburb” or “postcode” is empty</p> <p>11. “language” is not a ISO639 full English language name</p> <p>12. “DOB” is not in correct format</p> <p>13. “DOB” is not a valid date</p> <p>14. any of “first_name” in emergency contacts is empty</p> <p>15. any of “last_name” in emergency contacts is empty</p> <p>16. any of “phone_number” in emergency contacts is empty</p>
	/user/register-request-code	The user account is registered if code is correct. New session is created if correct code and auth token is returned	post	Parameters: { “code”: int } Return { “auth_token”: string }	1. “code” is incorrect
	/email-already-registered	Checks to see if an email is already registered to an existing account	get	Parameters: {“email”: string} Return { “email_is_registered”: boolean }	

				}	
	/sign-in	Starts general user session and returns auth token for the general user.	post	Parameters: { "email": string, "password": string } Return { "auth_token": string }	1. email does not belong to a registered account 2. Password is incorrect
	/user/log-out	Ends the genral user's session.	post	Parameters: { "auth_token": string } Return {}	1. "auth_token" is invalid
	/user/get-details	Gets all the user's details (same ones when they register except password is removed and extra "subscription_plan field")	GET	Parameters: { "auth_token": string, } Return { "first_name": string, "last_name": string, "email": string, "sex": string ("M", "F", "O") "phone_number": string "language": string (ISO639 full English language name), "current_medical_conditions": string, "current_medications": string, "other_medical_info": string "address": string, "suburb": string, "postcode": string "DOB": string ("DD/MM/YYYY") "emergency_contacts": [{"first_name": string, "last_name": string, "phone_number": string }], "subscription_plan": null int (null if user is not subscribed to any plan. Otherwise, refers to a subscription plan id) }	1. "auth_token" is invalid
	/health_navigator/get-details	Gets the health navigator details (same ones when registered by admin except password is not included)	GET	Parameters: { "auth_token": string, } Return { "first_name": string, "last_name": string "email": string, "languages": [string] }	1. token is invalid

	/admin/register-health-navigator	Admins register health navigator accounts.	POST	Parameters: {"auth_token": string, "first_name": string, "last_name": string, "email": string, "password": string "languages": [string], } Return {}	1. "auth_token" is invalid 2. First name is empty string 3. Last name is empty string 4. Email is empty string 5. Password is not at least 8 characters 6. "password" does not contain at least one of each of the following characters: a-z, A-Z, 0-9 7. "password" contains the health navigator's first name 8. "password" contains the health navigator's last name 9. "languages" is empty array 10. Any language in "languages" is not a ISO639 full English language name 11. "languages" does not contain "English" case insensitive 12. User making request is not admin 13. Email is already registered
	/general-user/change-password	Change password of the general user		Parameters: {"auth_token": string, "current_password": string, "new_password": string }	1. "auth_token" is invalid 2. "password" is not at least 8 characters 3. "password" does not contain at least one of each of the following characters: a-z, A-Z, 0-9 4. "password" contain general user's "first_name" 5. "password" contains general user's last name

	/user/send-message-emergency-contacts	Sms is sent to user's emergency contacts.		Parameters: {"auth_token": string, } Return {}	1. "auth_token" is invalid
	/health_navigator/accept-request	Health navigator accepts an emergency request and a live chat / video call session is created between the user and the health navigator. The request is removed from memory once accepted		Parameters: {"auth_token": string, "emergency_request_id": int} Return {}	1. "auth_token" is invalid 2. "emergency_request_id" is invalid
	user/edit-info	Users edit their info	PUT	Parameters: { "first_name": string, "last_name": string "email": string, "sex": string ("M", "F", "O") "phone_number": string "language": string (ISO639 full English language name), "current_medical_conditions": string, "current_medications": string, "other_medical_info": string "address": string, "suburb": string, "postcode": string "DOB": string ("DD/MM/YYYY") "emergency_contacts": [{"first_name": string, "last_name": string, "phone_number": string}] }	1. "email" is already registered to an existing account that is not the user's account. 2. "email" does not exist 3. "first_name" is empty 4. "last_name" is empty 8. "sex" is not one of the available options 9. "address" or "suburb" or "postcode" is empty 10. "language" is not a ISO639 full English language name 11. "DOB" is not in correct format 12. "DOB" is not a valid date 14. any of "first_name" in emergency contacts is empty 15. any of "last_name" in emergency contacts is empty

					16. any of "phone_number" in emergency contacts is empty
	health_navigator/edit_info		PUT	Parameters: {"auth_token": string, "first_name": string, "last_name": string, "email": string, "languages": [string], } Return {}	1. "auth_token" is invalid 2. First name is empty string 3. Last name is empty string 4. Email is empty string 5. Email is already registered to another account 6. "languages" is empty array 7. Any language in "languages" is not a ISO639 full English language name 8. "languages" does not contain "English" case insensitive
	health_org/register	Register a health organisation account	POST	Parameters: {"name": string, "password": string, "email": string, "description": string, "url": string }	1. name is empty 2. email is already registered to an account 3. password is not at least 8 characters 4. "password" does not contain at least one of each of the following characters: a-z, A-Z, 0-9 5. password includes name case insensitive 6. email is empty
	health_org/edit_info	Health org edits their info	PUT	Parameters: {"auth_token", "name": string, "email": string, "description": string, "url": string }	1. "auth_token" is invalid 2. name is empty 3. email is already registered to another account 4. email is empty
	health_org/make_post	Make a post	POST	Parameters: {"auth_token" "title": string, "description": string, "location": string, } Return {post_id: int}	1. auth token is invalid 2. title is empty 3. description is empty
	health_org/delete_post	Delete a post	DELETE	Parameters: {"auth_token" "post_id": int}	1. auth token is invalid

					2.The account is not the one who made the post
	health_org/get_posts	Get all health post made by this health org. Most recent ones should be first	GET	Parameters: {"auth_token": string} {"posts": [{"title": string, "description": string, "location": string, "post_id": int, "time_created": int (epoch time), }]}	1. auth_token_is_invalid
	health_org/edit_post	Edit health posy	PUT	Parameters: {"auth_token": string, "post_id": int, "title": string, "description": string, "location": string, }	1. auth token is invalid 2. title is empty 3. description is empty 4. post could not be found 5. the health org is not the one who made the post
	user/get_posts	Get all health posts.Most recent ones should be first	GET	Parameters: {"auth_token": string} {"posts": [{"title": string, "description": string, "location": string, "time_created": int (epoch time) }]}	1. auth_token_is_invalid
	admin/edit-info		PUT	Parameters: {"auth_token": string, "first_name": string, "last_name": string, "email": string, }	1. "auth_token" is invalid 2. "first_name" is empty 3. "last_name" is empty 4. "email" belongs to another user