

## Backend api list

Pages	URL Endpoint	API Method	API's Purposes	Request Body	Response Body
Login, Centra, Harbour guard, XYZ, Admin	/	GET	Welcome message for the API	None	{ "message": "Welcome to our API!" }
Login	/users/register	POST	Set password for new user	{ "email": str, "password": str }	Success or error message
Login	/users/login	POST	User login	{ "email": str, "password": str }	JWT token or error message
Login	/users/verify	POST	Verify user's email/phone	{ "code": int }	Success or error message
Login	/users/resend code	POST	Resend verification code	{ "email": str }	Success or error message
Centra	/batches	GET	Get all batches	None	List of all batches
Centra	/batches/{batch_id}	GET	Get a specific batch by ID	None	Single batch details or error message
Centra	/batches	POST	Create a new batch	{ "weight": float, "collection_date": date, "time": str }	New batch details or error message
Centra	/batches/{batch_id}	PUT	Update batch information	{ "weight": float, "collection_date": date, "time": str }	Updated batch details or error message
Centra	/batches/{batch_id}	DELETE	Delete a specific batch	None	Success or error message

Centra	/batches/{batch_id}/dried_date	GET	Get batch's dried date	None	Dried date of specified batch
Centra	/batches/{batch_id}/floured_date	GET	Get batch's floured date	None	Floured date of specified batch
Centra	/machines/{machine_id}	GET	Get machine status	None	State of a specific machine
Centra	/machines/{machine_id}/start	POST	Start specific machine	{"machine_id": int}	Process start confirmation or error message
Centra	/machines/{machine_id}/stop	POST	Stop specific machine	{"machine_id": int}	Process stop confirmation or error message
Centra	/shipments/{shipment_id}	PUT	Add shipment	None	Add a new shipment
Centra	/shipments/{shipment_id}	PUT	Update shipment process	{"status": str}	Updated shipment details or error message
Centra, Harbor Guard, XYZ	/notifications	GET	Show notifications	None	All notifications
Centra, Harbor Guard, XYZ, admin	/shipments	GET	Get details for all shipment	None	All shipment details or error message
Centra, Harbor Guard, XYZ	/shipments/{shipment_id}	GET	Get details for a specific shipment	None	Specific shipment details or error message
Centra, Harbor Guard	/shipments/{shipment_id}	DELETE	Delete a shipment	None	Success or error message
Centra,	/shipments/{s	POST	Confirm	None	Success or

Harbor Guard	shipment_id}/confirm		shipment		error message
Centra, Harbor Guard	/shipments/{shipment_id}/report	POST	Report an issue with a shipment	{"shipment_id": int, "issue_description": str}	Success or error message
XYZ	/shipments/{shipment_id}/confirm	POST	Confirm arrival of a shipment	{"shipment_id": int, "weight": float}	Success or error message
XYZ	/shipments/{shipment_id}/rescale	PUT	Rescale and confirm shipment weight	{"shipment_id": int, "new_weight": float}	Updated shipment details or error message
XYZ	/stocks	GET	Show all stock detail	None	Stock details from all locations
XYZ	/stocks/{location_id}	GET	Show single stock detail	None	Stock details from specific locations
XYZ	/location/{location_id}	GET	Show single location details	None	Details from specific location
XYZ	/shipments/{shipment_id}/history	GET	Show shipment history of a location	None	All shipment history from specific location
XYZ	/shipments/schedule-pickup	POST	Schedule a pickup for a shipment	{"shipment_id": int, "pickup_time": datetime, "location": str}	Success or error message
Admin	/centras	GET	Show all centras	None	All centras and details
Admin	/centras	POST	Add new centras	{"PIC_name": str, "location": str, "email": str, "phone": int,	New centra details or error message

				"drying_machine_status": str, "flouring_machine_status": str, "action": str}	
Admin	/shipments/{shipment_id}	PUT	Update specific shipments by ID	{"status": str, "checkpoint": str, "action": str}	Updated shipment details or error message
Admin	/shipments/{shipment_id}	DELETE	Delete a shipment	None	Success or error message
Admin	/harborguards	GET	Show all harbor guard locations	None	All harbor guard locations and details
Admin	/harbour-guards/{guard_id}	GET	Get specific harbor guard details	None	Single harbor guard details or error message
Admin	/harbour-guards	POST	Create a new harbor guard	{ "PIC_name": str, "email": str, "phone": str }	New harbour guard details or error message
Admin	/harbour-guards/{guard_id}	PUT	Update existing harbor guard details	{ "PIC_name": str, "email": str, "phone": str }	Update harbour guard details or error message
Admin	/warehouses	GET	Show all warehouses	None	All warehouses and details
Admin	/warehouses/{warehouse_id}	GET	Get specific warehouse details	None	Single warehouse details or error message
Admin	/warehouses	POST	Create a new	{	New harbour

			warehouse	"PIC_name": str, "email": str, "phone": str }	guard details or error message
Admin	/warehouses	PUT	Update existing warehouse details	{ "PIC_name": str, "email": str, "phone": str }	Update harbour guard details or error message
Admin	/warehouses/ {warehouse_id}	DELETE	Delete a warehouse	None	Success or error message
Admin	/users	GET	Show all users	None	All users and details
Admin	/users/{user_id}	GET	Get specific user details	None	Single user details or error message
Admin	/users	POST	Create a new user	{ "PIC_name": str, "email": str, "phone": str }	New user details or error message
Admin	/users	PUT	Update existing user details	{ "PIC_name": str, "email": str, "phone": str }	Update user details or error message
Admin	/users/{user_id}	DELETE	Delete a user	None	Success or error message