

API BLUEPRINT (GROUP 60)

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ENDPOINT 1	
DESCRIPTION	Get the user email address
URL	http://localhost:3001/api/login
METHOD	GET
INPUT	email
OUTPUT	<pre>[{ "email": string }]</pre>

ENDPOINT 2	
DESCRIPTION	Get the user Password
URL	http://localhost:3001/api/login
METHOD	GET
INPUT	password
OUTPUT	<pre>[{ "Password": string }]</pre>

ENDPOINT 3.1	
DESCRIPTION	Check user information and if it is successful
URL	http://localhost:3001/api/login
METHOD	POST

INPUT	<pre>[{ "email": string "password": string }]</pre>
OUTPUT	"User Found, redirecting to the store page"

ENDPOINT 3.2	
DESCRIPTION	Check user information and if it is not successful
URL	http://localhost:3001/api/login
METHOD	POST
INPUT	<pre>[{ "email": string "password": string }]</pre>
OUTPUT	"User Email, Password invalid"

ENDPOINT 4	
DESCRIPTION	Creating a new user who has already registered Email in the database
URL	http://localhost:3001/api/signup
METHOD	POST
INPUT	<pre>[{ "username": string "email": string "password": string "security-question": string }]</pre>

	<pre> “security-answer”: string } </pre>
OUTPUT	“User already registered with this Email”

ENDPOINT 5	
DESCRIPTION	Creating a new user with Email Id not stored in the database.
URL	http://localhost:3001/api/signup
METHOD	POST
INPUT	<pre> [{ “username”: string “email”: string “password”: string “security-question”: string “security-answer”: string }] </pre>
OUTPUT	“User successfully created”

ENDPOINT 6	
DESCRIPTION	User forgot their password and entered their email
URL	http://localhost:3001/api/forgot_password
METHOD	POST
INPUT	<pre> [{ “Email”: string }] </pre>
OUTPUT	<pre> [{ “Security_Question”: string }] </pre>

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ENDPOINT 7	
DESCRIPTION	The answer of user is cross-checked with the database and the answers do not match.
URL	http://localhost:3001/api/forgot_password
METHOD	POST
INPUT	{ "answer": string }
OUTPUT	"The answer to security question is wrong"

ENDPOINT 8	
DESCRIPTION	The answer of user is cross-checked with the database and the answers matches.
URL	http://localhost:3001/api/forgot_password
METHOD	POST
INPUT	{ "answer": string }
OUTPUT	{ "message": string "Password": string }

ENDPOINT 8	
DESCRIPTION	Manager tries to sign in and credentials are wrong

URL	http://localhost:3001/api/manager_login
METHOD	POST
INPUT	{ "manager_email": string "password": string }
OUTPUT	"Authentication failed."

ENDPOINT 9	
DESCRIPTION	Manager tries to sign in and credentials are correct
URL	http://localhost:3001/api/manager_login
METHOD	POST
INPUT	{ "manager_email": string "password": string }
OUTPUT	"Authentication success."

ENDPOINT 10	
DESCRIPTION	Customer adding items to the cart
URL	http://localhost:3001/api/add_to_cart
METHOD	POST
INPUT	{ "customer_id": int "company_name": string "product_name": string }

	<pre> “department_id”: int “price”: float }} </pre>
OUTPUT	“Added to cart”

ENDPOINT 11	
DESCRIPTION	Displaying the items in customer’s cart
URL	http://localhost:3001/api/get_cart
METHOD	GET
INPUT	<pre> [{"customer_id": int }] </pre>
OUTPUT	<pre> [{"product_name": string “company_name”: string “price”: float }] </pre>

ENDPOINT 12	
DESCRIPTION	Customer incrementing the quantity of items in the cart
URL	http://localhost:3001/api/add_to_cart
METHOD	POST
INPUT	<pre> [{"customer_id": int “company_name”: string “product_name”: string }] </pre>

	<pre> “department_id”: int “price”: float } </pre>
OUTPUT	“added to cart”

ENDPOINT 13	
DESCRIPTION	Customer decrementing the quantity of items in the cart
URL	http://localhost:3001/api/add_to_cart
METHOD	POST
INPUT	<pre> [{ “customer_id”: int “product_name”: string “department_id”: int “company_name”: string “price”: float }] </pre>
OUTPUT	“removed from cart”

ENDPOINT 14	
DESCRIPTION	Removing the items from the active cart after customer has paid for the items
URL	http://localhost:3001/api/add_to_cart
METHOD	POST
INPUT	<pre> [{ “customer_id”: id }] </pre>

OUTPUT	"Removed all items from cart with the customer_id given"
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ENDPOINT 15	
DESCRIPTION	Storing information about transaction.
URL	http://localhost:3001/api/transaction_history
METHOD	POST
INPUT	[{ "customer_id": int "history": date "payment_method": string "total_amount": float }]
OUTPUT	

ENDPOINT 16	
DESCRIPTION	How many times customer has ordered from the superstore?
URL	http://localhost:3001/api/my_orders
METHOD	GET
INPUT	[{ "customer_id": int }]
OUTPUT	[{ "number_of_visits": int }]

ENDPOINT 17	
DESCRIPTION	After customer has paid, storing all the items in history table
URL	http://localhost:3001/api/my_orders
METHOD	POST
INPUT	<pre>[{ "number_of_visits": int "customer_id": int "product_name": string "department_id": int "company_name": string "price": float }]</pre>
OUTPUT	

ENDPOINT 18.1	
DESCRIPTION	Getting the information of item using search-bar with correct spellings.
URL	http://localhost:3001/api/products
METHOD	GET
INPUT	<pre>[{ "name": string }]</pre>
OUTPUT	<pre>[{ "product_name": string "price": float }]</pre>

ENDPOINT 18.2	
DESCRIPTION	Getting the information of item using search-bar with incorrect spellings.
URL	http://localhost:3001/api/products
METHOD	GET
INPUT	<pre>[{ "name": string }]</pre>
OUTPUT	"Product not found"

ENDPOINT 19	
DESCRIPTION	Customer wanting to add the item displayed on the search bar in their cart.
URL	http://localhost:3001/api/add_to_cart
METHOD	POST
INPUT	<pre>[{ "customer_id": int "product_name": string "department_id": int "company_name": string "price": float }]</pre>
OUTPUT	"added to cart"

ENDPOINT 20	
DESCRIPTION	Customer wants to update their password and they provided correct credentials

URL	http://localhost:3001/api/account_settings/change_password
METHOD	POST
INPUT	{ "customer_email": string "security_answer": string "password": string }
OUTPUT	{ "new_password": string }

ENDPOINT 21	
DESCRIPTION	Customer wants to update their password and they provided wrong credentials
URL	http://localhost:3001/api/account_settings/change_password
METHOD	POST
INPUT	{ "customer_id": int "security_answer": string "password": string }
OUTPUT	"Wrong credentials"

ENDPOINT 22	
DESCRIPTION	Get the price of a product
URL	http://localhost:3001/api/products

METHOD	GET
INPUT	[{ "company_name": string "product_name": string }]
OUTPUT	[{ "price": float }]

ENDPOINT 23	
DESCRIPTION	Get the quantity of a product
URL	http://localhost:3001/api/products
METHOD	GET
INPUT	[{ "company_name": string "product_name": string }]
OUTPUT	[{ "quantity": int }]

ENDPOINT 24.1	
DESCRIPTION	Ordering products from warehouse if quantity specified is available
URL	http://localhost:3001/api/manager/warehouse
METHOD	POST
INPUT	[{

	<pre> “company_name”: string “product_name”: string “quantity_to_order”: int }} </pre>
OUTPUT	“ordered”

ENDPOINT 24.2	
DESCRIPTION	Ordering products from warehouse if quantity specified is not available
URL	http://localhost:3001/api/manager/warehouse
METHOD	POST
INPUT	<pre> [{"company_name": string “product_name”: string “quantity_to_order”: int }] </pre>
OUTPUT	“Quantity specified is not available at the warehouse”

ENDPOINT 25	
DESCRIPTION	Get the quantity of a product from warehouse
URL	http://localhost:3001/api/manager/warehouse
METHOD	GET
INPUT	<pre> [{"company_name": string “product_name”: string }] </pre>

OUTPUT	<pre>[{ "quantity": int }]</pre>
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ENDPOINT 26	
DESCRIPTION	Updating the price of a product
URL	http://localhost:3001/api/products
METHOD	POST
INPUT	<pre>[{ "company_name": string "product_name": string "price": float }]</pre>
OUTPUT	