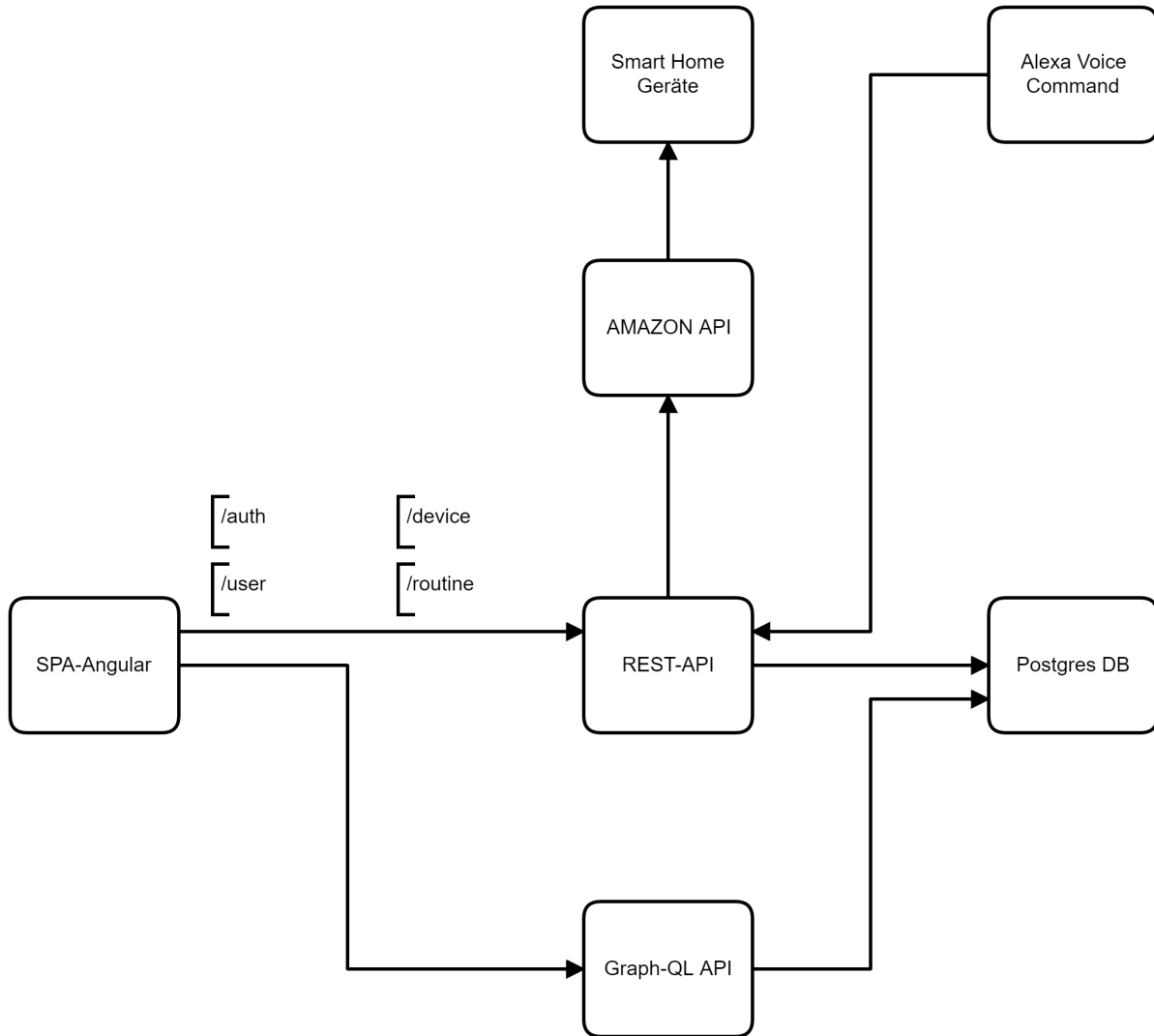


Smart Home Dashboard

Durchgesehen

API-Definition



Device Endpunkt

Methode	Endpoint	Description	Data in	Data out
POST	/device	Gerät erstellen	{ "token": "123456", "device": { "name": "Wohnzimmer Steckdose", "type": "outlet", "location": "Wohnzimmer" } }	200 { "message": "Device created" } 400 { "reason": "Wrong token" }
DELETE	/device/{device_id}	Gerät löschen	{ "token": "123456" }	200 {

Methode	Endpunkt	Description	Data in	Data out
			}	"message": "Delition complete" } 400 { "reason": "Wrong token" }
PUT	/device/{device_id}	Gerät ändern	{ "change": { "new-value": "Flur" "field": "location" } "token": "123456" }	200 { "message": "Change complete" } 400 { "reason": "Passwort to short" }
GET	/device	Alle Geräte abrufen	{ "token": "123456" }	200 400
GET	/device/{device_id}	Einzelnes Gerät abrufen	{ "token": "123456" }	200 { "device_id": "device01", "name": "Wohnzimmer Steckdose", "type": "outlet", "loaction": "Wohnzimmer", "status": "online" } 400 { "reason": "Wrong token" }

Auth Endpunkt

Methode	Endpunkt	Description	Data in	Data out
POST	/auth	anmelden	{ "email": "max@mustermann.com", "passwort": "pw" }	200 { "token": "123456" } 400 { "reason": "Wrong credentials" }
DELETE	/auth	abmelden	{ "token": "123456" }	200 { "message": "Sign out complete" } 400 { "reason": "Wrong token" }
GET	/auth	alive		200 { "message": "Alive" }

User Endpunkt

Methode	Endpoint	Description	Data in	Data out
GET	/user	Eigenen Account abrufen	{ "email": "max@mustermann.com" "token": "123456" }	200 { "firstName": "Max", "lastName": "Mustermann", "email": "max@mustermann.com", "password": "pw" } 400 { "reason": "Wrong token" }
POST	/user	Account anlegen	{ "firstName": "Max", "lastName": "Mustermann", "email": "max@mustermann.com", "password": "pw" }	200 { "message": "Successfully created" } 400 { "reason": "Email already exists" }
DELETE	/user	Account löschen	{ "email": "boss@test.com" "token": "1234562" }	200 { "message": "Successfully deleted" } 400 { "reason": "Wrong token" }
PUT	/user	Account ändern	{ "change": { "new-value": "Schulz" "field": "lastname" } "token": "123456" }	200 { "message": "Field changed" } 400 { "reason": "Wrong token" }

Routine Endpunkt

Methode	Endpoint	Description	Data in	Data out
POST	/routine	Routine erstellen	{ "token": "123456", "routine": { "name": "Guten Morgen", "actions": [{"device_id": "light01", "action": "on"}, {"device_id": "thermostat01", "action": "set_temp", "value": 22}], "trigger": { "type": "time", "value": "07:00" } }	200 { "message": "Routine created" } 400 { "reason": "Invalid device_id" }

			} }	
GET	/routine	Alle Routinen abrufen	{ "token":"123456" }	200 [{ "id":"routine01", "name":"Guten Morgen", "actions":[...], "trigger":{...} }, ...] 400 { "reason":"Invalid token" }
GET	/routine/{routine_id}	Einzelne Routine abrufen	{ "token":"123456" }	200 { "id":"routine01", "name":"Guten Morgen", "actions":[...], "trigger":{...} } 400 { "reason":"Routine not found" }
PUT	/routine/{routine_id}	Routine ändern	{ "token":"123456", "change":{ "new-value":"Guten Abend" "field":"name" } }	200 { "message":"Routine updated" } 400 { "reason":"Invalid action" }
DELETE	/routine/{routine_id}	Routine löschen	{ "token":"123456" }	200 { "message":"Routine deleted" } 400 { "reason":"Unauthorized" }

<https://hjpps6zn-3000.euw.devtunnels.ms/>