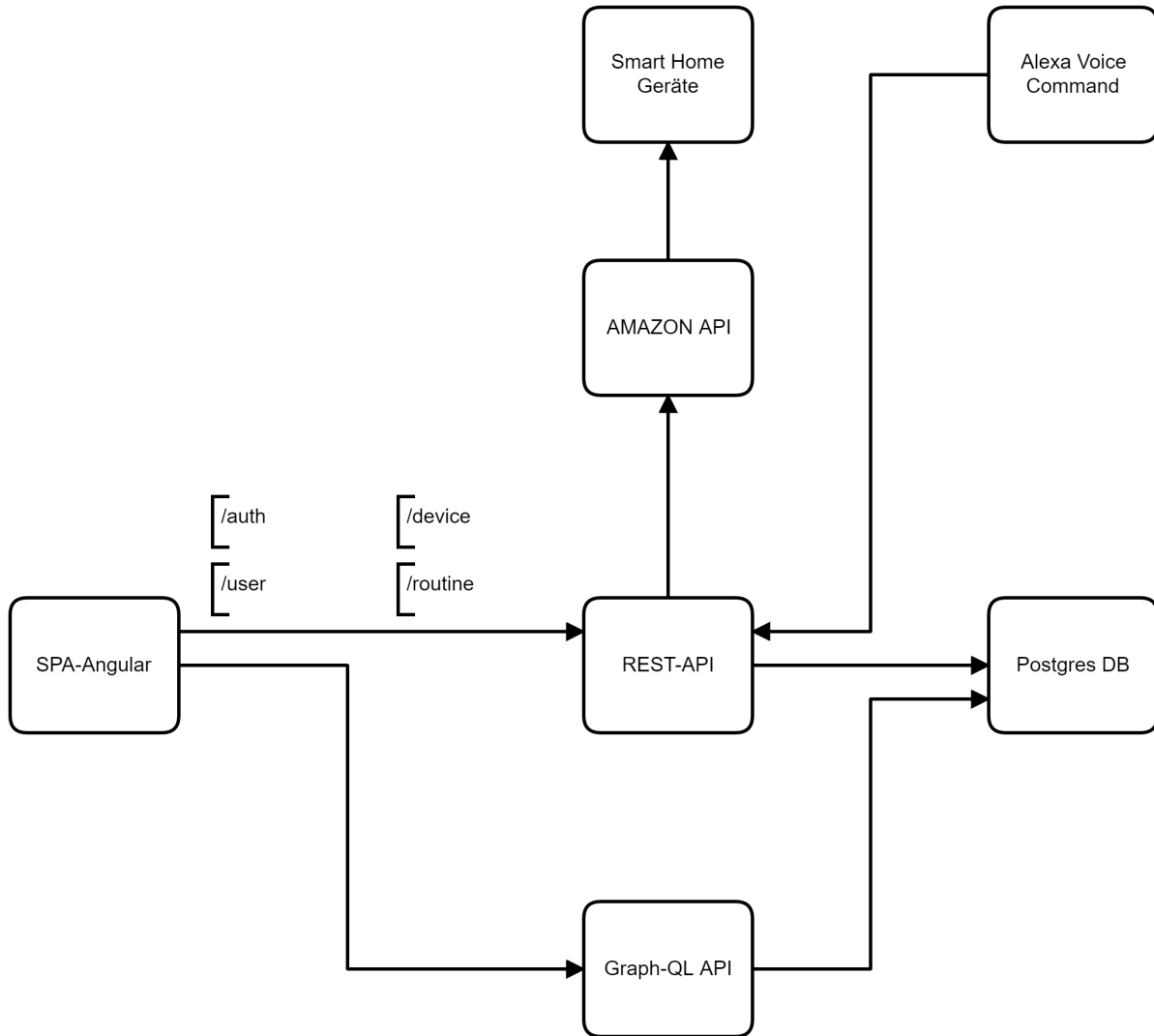


# Smart Home Dashboard

Durchgesehen

## API-Definition



## Device Endpunkt

Methode	Endpoint	Description	Data in	Data out
POST	/device	Gerät erstellen	Header: {"Authorization":"1234"} { "token":"123456", "device":{ "name": "Wohnzimmer Steckdose", "type":"outlet", "location": "Wohnzimmer" } }	200 { "message":"Device created" } 400 { "reason":"Wrong token" }

Methode	Endpoint	Description	Data in	Data out
DELETE	/device/{device_id}	Gerät löschen	Header: {"Authorization":"1234"}	200 { "message":"Deletion complete" } 400 { "reason":"Wrong token" }
PUT	/device/{device_id}	Gerät ändern	Header: {"Authorization":"1234"} { "change":{ "new-value":"Flur" "field":"location" } }	200 { "message":"Change complete" } 400 { "reason":"Passwort to short" }
GET	/device	Alle Geräte abrufen	Header: {"Authorization":"1234"}	200 400
GET	/device/{device_id}	Einzelnes Gerät abrufen	{Header: {"Authorization":"1234"}	200 { "device_id":"device01", "name": "Wohnzimmer Steckdose", "type":"outlet", "location": "Wohnzimmer", "status": "online" } 400 { "reason":"Wrong token" }

## Auth Endpunkt

Methode	Endpoint	Description	Data in	Data out
POST	/auth	anmelden	{ "email":"max@mustermann.com", "password":"pw" }	200 { "token":"123456" } 400 { "reason":"Wrong credentials" }
DELETE	/auth	abmelden	Header: {"Authorization":"1234"}	200 { "message":"Sign out complete" } 400 { "reason":"Wrong token" }

Methode	Endpunkt	Description	Data in	Data out
GET	/auth	alive		200 { "message": "Alive" }

## User Endpunkt

Methode	Endpunkt	Description	Data in	Data out
GET	/user	Eigenen Account abrufen	Header: {"Authorization": "1234"} { "email": "max@mustermann.com" }	200 { "firstName": "Max", "lastName": "Mustermann", "email": "max@mustermann.com", "passwort": "pw" } 400 { "reason": "Wrong token" }
POST	/user	Account anlegen	{ "firstName": "Max", "lastName": "Mustermann", "email": "max@mustermann.com", "passwort": "pw" }	200 { "message": "Successfully created" } 400 { "reason": "Email already exists" }
DELETE	/user	Account löschen	Header: {"Authorization": "1234"} { "email": "boss@test.com" }	200 { "message": "Successfully deleted" } 400 { "reason": "Wrong token" }
PUT	/user	Account ändern	Header: {"Authorization": "1234"} { "change": { "new-value": "Schulz" "field": "lastname" } }	200 { "message": "Field changed" } 400 { "reason": "Wrong token" }

## Routine Endpunkt

Methode	Endpunkt	Description	Data in	Data out
POST	/routine	Routine erstellen	Header: {"Authorization": "1234"} { "routine": { "name": "Guten Morgen", "actions": [ {"device_id": "light01", "action": "on"}, }	200 { "message": "Routine created" } 400 {

			<pre>{   "device_id": "outlet1",   "action": "off", }, "trigger": {   "type": "time",   "value": "07:00" } }</pre>	<pre>"reason": "Invalid device_id" }</pre>
GET	/routine	Alle Routinen abrufen	Header: {"Authorization": "1234"}	<pre>200 [ {   "id": "routine01",   "name": "Guten Morgen",   "actions": [...],   "trigger": {...} }, ... ] 400 {   "reason": "Invalid token" }</pre>
GET	/routine/{routine_id}	Einzelne Routine abrufen	Header: {"Authorization": "1234"}	<pre>200 {   "id": "routine01",   "name": "Guten Morgen",   "actions": [...],   "trigger": {...} } 400 {   "reason": "Routine not found" }</pre>
PUT	/routine/{routine_id}	Routine ändern	Header: {"Authorization": "1234"} {"change": {"new-value": "Guten Abend", "field": "name"}}	<pre>200 {   "message": "Routine updated" } 400 {   "reason": "Invalid action" }</pre>
DELETE	/routine/{routine_id}	Routine löschen	Header: {"Authorization": "1234"}	<pre>200 {   "message": "Routine deleted" } 400 {   "reason": "Unauthorized" }</pre>

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

Smart Things API