

Homestyler OpenAPI Developer Documentation

Professional API reference for overseas SaaS partners and enterprise integration teams.

Item	Value
Document	Team Edition API Reference
Version	v1.4
Environment	Production
Base URL	https://global-api.homestyler.com
Format	PDF - external developer documentation

Prepared for overseas SaaS API consumption, onboarding, and implementation handoff.

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1. Document Control

This document reorganizes the original Homestyler OpenAPI for Team notes into a SaaS-style API guide. It preserves the available API paths, signing formulas, request fields, and response models while adding integration guidance and consistent formatting.

Version		Content
v1.0		Initial release
v1.4		Updated API reference source

2. Overview

Homestyler OpenAPI enables enterprise customers and partners to manage design-related data and automate downstream workflows through signed HTTP APIs.

- Retrieve renderings and 720 virtual tours for users or projects within an enterprise account.
- View, delete, and manage design projects.
- Retrieve furniture used in designs to support quotation, merchandising, and recommendations.
- Synchronize kitchen, bath, and custom-furniture design details to production systems.

2.1 Base URL

```
https://global-api.homestyler.com
```

2.2 Content type

Unless otherwise specified, API requests use JSON.

```
Content-Type: application/json
```

2.3 Standard request envelope

Field	Type	Required	Description
appKey	String	Yes	Public application key assigned by Homestyler.
timestamp	Long	Yes	Client request timestamp in milliseconds.
sign	String	Yes	MD5 signature generated with the endpoint-specific signature string.
...business fields	Varies	Varies	Endpoint-specific parameters listed in the API reference.

2.4 Standard response envelope

Field	Type	Description
success	Boolean	Indicates whether the operation succeeded.
code	String	Error or status code. Empty or success-specific values depend on server implementation.
msg	String	Human-readable message.
data	Object/Array	Endpoint-specific response payload.

```
{
  "success": true,
  "code": "0",
  "msg": "success",
  "data": { }
}
```

2.5 Pagination object

Field	Type	Description
pageSize	Integer	Number of items requested per page. Maximum is 100 where noted.
pageNo	Integer	Current page number.
total	Integer	Total number of records.

3. Authentication and Signing

3.1 Obtain credentials

Activate the Team Edition service and request AK/SK credentials from Homestyler. The application public key is sent as appKey; the secret key is retained server-side by the integrator and used only to generate signatures.

3.2 Signature generation

Each signed API lists its signature string. Concatenate values exactly in the specified order, without separators, append appSecret, and calculate the MD5 hexadecimal digest.

```
// Example
appKey = "appKeyDemo"
appSecret = "appSecretDemo"
empId = "xxxxxx"
timestamp = 1680257066155

signString = appKey + empId + timestamp + appSecret
sign = md5(signString)
      = 3611b836afb0ebc8daf72ee6fe866b7a
```

3.3 Recommended security practices

- Generate signatures only in trusted backend services. Never expose appSecret in browser, mobile, or client-side code.
- Use HTTPS for all requests and uploads.
- Use a fresh timestamp for each request. Reject or retry locally if the timestamp is stale.
- Log request IDs and response codes, but never log appSecret or full signed strings in production logs.

4. Quick Start

4.1 List projects

The following example shows the general request pattern for a signed JSON API call.

```
POST /global-team/hs/api/project/list
Content-Type: application/json

{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(empId + name + timestamp + appSecret)>",
  "empId": "E10001",
  "name": "Apartment",
  "pageSize": 20,
  "pageNo": 1
}
```

4.2 Floorplan import flow

Step	API	Purpose
1	Get upload URL	Request a temporary object-storage URL for the floorplan source file.
2	Upload file	PUT the USDZ or PNG file to the returned temporary URL.
3	Generate floorplan with file	Create an asynchronous import job and receive scanId.
4	Get floorplan	Poll until status is ANALYZE_SUCCESS or ANALYZE_FAIL. Timeout recommended by source: 120 seconds.
5	Export floorplan / bill	Download floorplan output or bill by designId.

5. Endpoint Overview

Group	Method	Path	Operation
Project	POST	/global-team/hs/api/project/list	Get project list
Project	POST	/global-team/hs/api/project/detail	Get project basic info
Project	POST	/global-team/hs/api/project/detail/delete	Delete project
Floorplan	POST	/global-team/hs/api/floorplan/url	Get temporary upload URL
File Upload	PUT	<temporary URL>	Upload USDZ or PNG file
Floorplan	POST	/global-team/hs/api/floorplan/upload	Generate floorplan with file
Floorplan	POST	/global-team/hs/api/floorplan/get	Get floorplan processing status
Floorplan	POST	/global-team/hs/api/floorplan/download	Export floorplan
Floorplan	POST	/global-team/hs/api/floorplan/bill/download	Export bill
Rendering	POST	/global-team/hs/api/rendering/list	Get renderings of a project
Admin	POST	/global-team/hs/api/admin/employee/list	Get employee list
Admin	POST	/global-team/hs/api/admin/collaborate/emp	Set collaboration permission
SKU	POST	/global-team/hs/api/sku/inventory	Modify SKU inventory
Model	POST	/global-team/hs/api/model/brand	Create or update brand
Model	POST	/global-team/hs/api/model/brand/query	Query brand
Model	POST	/global-team/hs/api/model/folder/create	Create folder
Model	POST	/global-team/hs/api/model/folder/relation/move	Bind model to folder
Model	POST	/global-team/hs/api/model/delete	Delete model
Model	POST	/global-team/hs/api/model/query	Get model
Model	POST	/global-team/hs/api/model/tile/single	Upload or modify tile

Group	Method	Path	Operation
Model	POST	/global-team/hs/api/model/tile/mutil	Upload or modify tile with multiple textures
Model	POST	/global-team/hs/api/model/three/dimensions	Upload 3D model

6. Project APIs

6.1 Get project list

POST /global-team/hs/api/project/list

Query project details by employee and project name. Returned projects include design-stage and construction-stage projects.

Request parameters

Parameter	Required	Type	Description
name	No	String	Project name filter.
empId	No	String	Employee ID filter.
pageSize	Yes	Integer	Page length. Maximum 100.
pageNo	Yes	Integer	Current page number.

Signature string

empId + name + timestamp + appSecret

Response data

Field	Type	Description
page	Page	Pagination information.
items	ProjectItem[]	Project list.

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(empId + name + timestamp + appSecret)>",
  "empId": "E10001",
  "name": "Apartment",
  "pageSize": 20,
  "pageNo": 1
}
```

ProjectItem

Field	Type	Description
id	String	Project ID.
name	String	Project name.
image	String	Project cover image.
lastTimeModified	String	Last update time.

6.2 Get project basic info

POST

/global-team/hs/api/project/detail

Obtain basic information for a project. Enterprise users can access projects created within their enterprise account.

Request parameters

Parameter	Required	Type	Description
id	Yes	String	Project ID.

Signature string

`id + timestamp + appSecret`

Response data

Field	Type	Description
id	String	Project ID.
name	String	Project name.
description	String	Project description.
versionId	String	Project version.
empld	String	Employee ID.
basicAttributes	BasicAttributes	Basic project attributes.

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(id + timestamp + appSecret)>",
  "id": "project_123"
}
```

BasicAttributes

Field	Type	Description
area	Double	Project area.
bedroomNum	Integer	Number of bedrooms.
livingroomNum	Integer	Number of living rooms.
bathroomNum	Integer	Number of bathrooms.
style	ProjectStyle	Project style.

ProjectStyle

Field	Type	Description
code	String	Style or area code as returned by Homestyler.

6.3 Delete project

POST /global-team/hs/api/project/detail/delete

Delete a project by project ID.

Implementation note

This is a destructive operation. Integrators should confirm permissions and maintain an audit trail before calling it.

Request parameters

Parameter	Required	Type	Description
id	Yes	String	Project ID.

Signature string

id + timestamp + appSecret

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(id + timestamp + appSecret)>",
  "id": "project_123"
}
```

7. Floorplan APIs

7.1 Get upload URL

POST /global-team/hs/api/floorplan/url

Request a temporary file upload URL for USDZ or PNG floorplan source files.

Request parameters

Parameter	Required	Type	Description
empId	Yes	String	Real employee ID on the Homestyler platform.
fileType	Yes	String	File type enumeration: usdz, png.

Signature string

empId + fileType + timestamp + appSecret

Response data

Field	Type	Description
url	String	Temporary signed URL used to upload the file.

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(empId + fileType + timestamp + appSecret)>",
  "empId": "E10001",
  "fileType": "usdz"
}
```

7.2 Upload file

PUT

<temporary upload URL>

Upload the binary source file to the temporary URL returned by the Get upload URL API. This call is made to object storage rather than the Homestyler API host.

Implementation note

Use Content-Type model/vnd.usdz+zip for USDZ files and image/png for PNG files. Include x-oss-object-acl: public-read.

Example request

```
# USDZ example
curl --silent --location --request PUT '<temporary-usdz-url>' \
  --header 'x-oss-object-acl: public-read' \
  --header 'Content-Type: model/vnd.usdz+zip' \
  --data '@/path/to/scan.usdz'

# PNG example
curl --silent --location --request PUT '<temporary-png-url>' \
  --header 'x-oss-object-acl: public-read' \
  --header 'Content-Type: image/png' \
  --data '@/path/to/scan.png'
```

7.3 Generate floorplan with file

POST

/global-team/hs/api/floorplan/upload

Transform a USDZ iOS RoomPlan file or supported image into a Homestyler floorplan.

Implementation note

The operation is asynchronous. Store scanId and poll Get floorplan until a terminal status is returned.

Request parameters

Parameter	Required	Type	Description
empId	Yes	String	Real employee ID on Homestyler. Creation will fail if invalid.
coverImageUrl	Yes	String	Cover image URL for the project to be generated.
url	Yes	String	File URL returned by the upload URL process.
type	No	String	USDZ or IMAGE. Default is USDZ.
grossArea	No	String	Building area. Required when type is IMAGE.
projectName	Yes	String	Project name. Maximum length 60.

Signature string

```
coverImageFileUrl + empId + grossArea + projectName + url + timestamp + type + appSecret
```

Response data

Field	Type	Description
scanId	String	Generate request ID used for polling.

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(coverImageFileUrl + empId + grossArea + projectName + url + timestamp +
type +
appSecret)>",
  "empId": "E10001",
  "coverImageFileUrl": "https://cdn.example.com/cover.png",
  "url": "https://object-storage.example.com/temporary/usdz/scan.usdz",
  "type": "USDZ",
  "projectName": "RoomPlan Import"
}
```

7.4 Get floorplan

POST`/global-team/hs/api/floorplan/get`

Poll floorplan import status and retrieve the designId when processing succeeds. Polling timeout in the source is 120 seconds.

Implementation note

Continue polling for UPLOAD_SUCCESS or ANALYZING. Stop polling when ANALYZE_SUCCESS or ANALYZE_FAIL is returned.

Request parameters

Parameter	Required	Type	Description
empId	Yes	String	Real employee ID on Homestyler.
scanId	Yes	String	scanId returned by Generate floorplan with file.

Signature string

```
empId + scanId + timestamp + appSecret
```

Response data

Field	Type	Description
scanId	String	Generate request ID.
status	String	UPLOAD_SUCCESS, ANALYZING, ANALYZE_SUCCESS, or ANALYZE_FAIL.
designId	String	Returned only when status is ANALYZE_SUCCESS.

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(empId + scanId + timestamp + appSecret)>",
  "empId": "E10001",
  "scanId": "scan_123"
}
```

7.5 Export floorplan

POST

/global-team/hs/api/floorplan/download

Export a floorplan by designId.

Request parameters

Parameter	Required	Type	Description
designId	Yes	String	Design ID.
includeFurniture	No	Boolean	Whether furniture is included.
outputType	No	String	Output type. Source example: png.

Signature string

```
designId + includeFurniture + outputType + timestamp + appSecret
```

Response data

Field	Type	Description
url	String	Temporary download URL. Must be downloaded within the validity period.

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(designId + includeFurniture + outputType + timestamp + appSecret)>",
  "designId": "design_123",
  "includeFurniture": true,
  "outputType": "png"
}
```

7.6 Export bill

POST

/global-team/hs/api/floorplan/bill/download

Export a bill for a floorplan/design.

Request parameters

Parameter	Required	Type	Description
designId	Yes	String	Design ID.

Signature string

```
designId + timestamp + appSecret
```

Response data

Field	Type	Description
url	String	Temporary download URL. Must be downloaded within the validity period.

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(designId + timestamp + appSecret)>",
  "designId": "design_123"
}
```

8. Rendering APIs

8.1 Get renderings of a project

POST /global-team/hs/api/rendering/list

Obtain renderings from the specified design project. Rendering details are returned in chronological order.

Request parameters

Parameter	Required	Type	Description
projectId	Yes	String	Project ID.
pageSize	Yes	Integer	Page length. Maximum 100.
pageNo	Yes	Integer	Current page number. Default 1.
renderType	No	String	image, panorama, navipano, aerial, topview, or video.

Signature string

```
projectId + timestamp + appSecret
```

Response data

Field	Type	Description
page	Page	Pagination information.
items	RenderingItem[]	Rendering list.

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(projectId + timestamp + appSecret)>",
  "projectId": "project_123",
  "renderType": "image",
  "pageSize": 20,
  "pageNo": 1
}
```

RenderingItem

Field	Type	Description
renderId	String	Rendering ID.
url	String	Rendering address.
renderType	String	Rendering type.
subRenderType	String	Rendering subtype, for example 1k, 2k, or 4k for image renderings.

9. Admin APIs

9.1 Get employee list

POST /global-team/hs/api/admin/employee/list

Obtain the list of employees in the enterprise account.

Implementation note

The source formula omits timestamp for this endpoint. Confirm with the Homestyler API team whether timestamp is still required in the request envelope.

Request parameters

Parameter	Required	Type	Description
pageSize	Yes	Integer	Page length. Maximum 100.
pageNo	Yes	Integer	Current page number. Default 1.
name	No	String	Employee name filter.

Signature string

name + pageNo + pageSize + appSecret

Response data

Field	Type	Description
page	Page	Pagination information.
items	Employee[]	Employee list.

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(name + pageNo + pageSize + appSecret)>",
  "name": "Lee",
  "pageSize": 20,
  "pageNo": 1
}
```

Employee

Field	Type	Description
name	String	Employee name.
email	String	Employee email.
empId	String	Employee ID.

9.2 Additive collaboration

POST /global-team/hs/api/admin/collaborate/emp

Set or update employee collaboration permission for a design.

Implementation note

The original pages split this operation across two pages. The request parameters above consolidate the visible empId, designId, and operateType fields with the visible signature formula.

Request parameters

Parameter	Required	Type	Description
empId	Yes	String	Employee ID.
designId	Yes	String	Design ID.
operateType	Yes	String	READONLY, EDIT, or NO_PERMISSION.

Signature string

designId + empId + operateType + timestamp + appSecret

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(designId + empId + operateType + timestamp + appSecret)>",
  "designId": "design_123",
  "empId": "E10001",
  "operateType": "EDIT"
}
```

10. SKU APIs

10.1 Modify inventory

POST /global-team/hs/api/sku/inventory

Modify SKU inventory by merchant SKU ID.

Request parameters

Parameter	Required	Type	Description
skuld	Yes	String	Merchant's own SKU ID.
num	Yes	Integer	Inventory quantity.

Signature string

```
num + skuId + timestamp + appSecret
```

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(num + skuId + timestamp + appSecret)>",
  "skuId": "SKU-10001",
  "num": 50
}
```

11. Model and Catalog APIs

11.1 Create or update brand

POST`/global-team/hs/api/model/brand`

Create or update a brand. A brand UUID is returned upon creation and should be stored by the integrator.

Request parameters

Parameter	Required	Type	Description
uuid	No	String	Leave blank for creation. Required for update.
brandName	Yes	String	Brand name.
brandLogoUrl	Yes	String	Brand logo URL.
type	Yes	String	Operation type: create or update.
appKey	Yes	String	Application key.
timestamp	Yes	Long	Request timestamp.
sign	Yes	String	Request signature.

Signature string

```
MD5(brandLogoUrl + brandName + timestamp + appSecret)
```

Response data

Field	Type	Description
uuid	String	Brand UUID returned by Homestyler.

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(brandLogoUrl + brandName + timestamp + appSecret)>",
  "type": "create",
  "brandName": "Demo Brand",
  "brandLogoUrl": "https://cdn.example.com/logo.png"
}
```

11.2 Query brand

POST /global-team/hs/api/model/brand/query

Query brand information by brand name or UUID.

Request parameters

Parameter	Required	Type	Description
brandName	No	String	Query brand by name.
uuid	No	String	Query brand by UUID.
appKey	Yes	String	Application key.
timestamp	Yes	Long	Request timestamp.
sign	Yes	String	Request signature.

Signature string

```
MD5(timestamp + appSecret)
```

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(timestamp + appSecret)>",
  "brandName": "Demo Brand"
}
```

11.3 Create folder

POST /global-team/hs/api/model/folder/create

Create or modify model folders. The system creates a new folder when the folder name does not already exist.

Request parameters

Parameter	Required	Type	Description
folderName	Yes	String	Folder name, for example folder/sub-folder. Up to two levels.
folderType	Yes	String	Folder type: 2d or 3d.
appKey	Yes	String	Application key.
timestamp	Yes	Long	Request timestamp.
sign	Yes	String	Request signature.

Signature string

```
MD5(folderType + folderName + timestamp + appSecret)
```

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(folderType + folderName + timestamp + appSecret)>",
  "folderType": "2d",
  "folderName": "Tiles/Marble"
}
```

11.4 Bind model to folder

POST

/global-team/hs/api/model/folder/relation/move

Bind or move an uploaded model to one or more folders.

Request parameters

Parameter	Required	Type	Description
modelId	Yes	String	Model ID.
folderNameList	Yes	List	Folder name list, for example ["folder/sub-folder"] or ["folder"].
appKey	Yes	String	Application key.
timestamp	Yes	Long	Request timestamp.
sign	Yes	String	Request signature.

Signature string

```
MD5(modelId + timestamp + appSecret)
```

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(modelId + timestamp + appSecret)>",
  "modelId": "model_123",
  "folderNameList": ["folder/sub-folder"]
}
```

11.5 Delete model

POST

/global-team/hs/api/model/delete

Delete one or more models or tiles.

Implementation note

This is a destructive operation. Maintain an integration-side audit trail before deletion.

Request parameters

Parameter	Required	Type	Description
idList	Yes	List	Tile or model ID list.
appKey	Yes	String	Application key.
timestamp	Yes	Long	Request timestamp.
sign	Yes	String	Request signature.

Signature string

```
MD5(timestamp + appSecret)
```

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(timestamp + appSecret)>",
  "idList": ["tile_001", "tile_002"]
}
```

11.6 Get model

POST`/global-team/hs/api/model/query`

Query model information by ID list.

Request parameters

Parameter	Required	Type	Description
idList	Yes	List	Tile or model ID list.
appKey	Yes	String	Application key.
timestamp	Yes	Long	Request timestamp.
sign	Yes	String	Request signature.

Signature string

```
MD5(timestamp + appSecret)
```

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(timestamp + appSecret)>",
  "idList": ["tile_001"]
}
```

11.7 Upload tile

POST`/global-team/hs/api/model/tile/single`

Upload or modify a single-texture tile.

Request parameters

Parameter	Required	Type	Description
id	Yes	String	Unique tile ID.
category	Yes	String	Category ID. Supplied by Homestyler.
materialEffect	Yes	String	Material effect. Supplied by Homestyler.
name	Yes	String	Tile name.
width	Yes	Integer	Width in millimeters.
length	Yes	Integer	Length in millimeters.
brandId	Yes	String	Brand ID.
srcUrl	Yes	String	Original texture resource URL.
folderNameList	Yes	List	Folder list, for example ["folder/sub-folder"].
previewImage	No	String	Preview image URL.
categoryIdentifyType	Yes	String	Fixed value: id.
rotationAngle	No	String	See Update Tile Filter and Rotation Angle API.
tileLookFilterList	No	JSON	See Update Tile Filter and Rotation Angle API.
brandCollectionEnName	No	String	Brand collection English name; use filter collectionName.
appKey	Yes	String	Application key.
timestamp	Yes	Long	Request timestamp.
sign	Yes	String	Request signature.

Signature string

```
MD5(category + id + materialEffect + name + timestamp + appSecret)
```

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(category + id + materialEffect + name + timestamp + appSecret)>",
  "id": "tile_001",
  "category": "5c10c875-c168-425a-9ee0-e53c03adddc6",
  "materialEffect": "material/marble tiles",
  "name": "Carrara White 600x600",
  "width": 600,
  "length": 600,
  "brandId": "brand_uuid",
  "srcUrl": "https://cdn.example.com/tile/carrara.png",
  "folderNameList": ["Tiles/Marble"],
  "categoryIdentifyType": "id"
}
```

11.8 Upload tile with multiple textures

POST /global-team/hs/api/model/tile/mutil

Upload or modify one tile with multiple textures.

Implementation note

The source path uses "mutil" rather than "multi". Use the path exactly as provided.

Request parameters

Parameter	Required	Type	Description
id	Yes	String	Unique tile ID.
category	Yes	String	Category ID. Supplied by Homestyler.
materialEffect	Yes	String	Material effect. Supplied by Homestyler.
name	Yes	String	Tile name.
width	Yes	Integer	Width in millimeters.
length	Yes	Integer	Length in millimeters.
brandId	Yes	String	Brand ID.
srcUrl	Yes	String	Original texture resource URL.
fileList	Yes	JSON	Texture file list. Refer to Homestyler demo.
splicingMethod	Yes	JSON	Splicing method. Refer to Homestyler demo.
folderNameList	Yes	List	Folder list, for example ["folder/sub-folder"].
previewImage	No	String	Preview image URL.
categoryIdentifyType	Yes	String	Fixed value: id.
rotationAngle	No	String	See Update Tile Filter and Rotation Angle API.
tileLookFilterList	No	JSON	See Update Tile Filter and Rotation Angle API.
brandCollectionEnName	No	String	Brand collection English name; use filter collectionName.
appKey	Yes	String	Application key.
timestamp	Yes	Long	Request timestamp.
sign	Yes	String	Request signature.

Signature string

```
MD5(category + id + materialEffect + name + timestamp + appSecret)
```

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(category + id + materialEffect + name + timestamp + appSecret)>",
  "id": "tile_multi_001",
  "category": "d7981192-acaf-4097-ba62-53af7e58daa7",
  "materialEffect": "material/tiles",
  "name": "Pattern Tile",
  "width": 600,
  "length": 600,
  "brandId": "brand_uuid",
  "srcUrl": "https://cdn.example.com/tile/base.png",
  "fileList": [],
  "splicingMethod": {},
  "folderNameList": ["Tiles/Pattern"],
  "categoryIdentifyType": "id"
}
```

11.9 Upload 3D model

POST /global-team/hs/api/model/three/dimensions

Upload or modify a 3D model.

Implementation note

The source document references a category and supported model type table, but the actual values are not complete in the supplied PDF. Confirm category/subType values with the Homestyler API team before production upload.

Request parameters

Parameter	Required	Type	Description
id	Yes	String	Unique model ID.
category	Yes	String	Category ID.
subType	Yes	String	Affects default automatic adsorption behavior of the model.
name	Yes	String	Model name.
brandId	Yes	String	Brand ID.
srcUrl	Yes	String	Supported file types: .zip, .rar, .max, .skp.
srcType	Yes	String	max or skp.
folderNameList	Yes	List	Folder list. For 3D models, Create Folder API folderType should use 3d.
tileLookFilterList	No	JSON	See Update 3D Model Filter API.
brandCollectionEnName	No	String	Brand collection English name; use filter collectionName.
appKey	Yes	String	Application key.
timestamp	Yes	Long	Request timestamp.
sign	Yes	String	Request signature.

Signature string

```
MD5(category + id + subType + name + timestamp + appSecret)
```

Example request

```
{
  "appKey": "appKeyDemo",
  "timestamp": 1680257066155,
  "sign": "<md5(category + id + subType + name + timestamp + appSecret)>",
  "id": "model_001",
  "category": "<category-id>",
  "subType": "<sub-type>",
  "name": "Dining Chair",
  "brandId": "brand_uuid",
  "srcUrl": "https://cdn.example.com/model/chair.zip",
  "srcType": "max",
  "folderNameList": ["Furniture/Chair"]
}
```