

# Asset Twin Setup

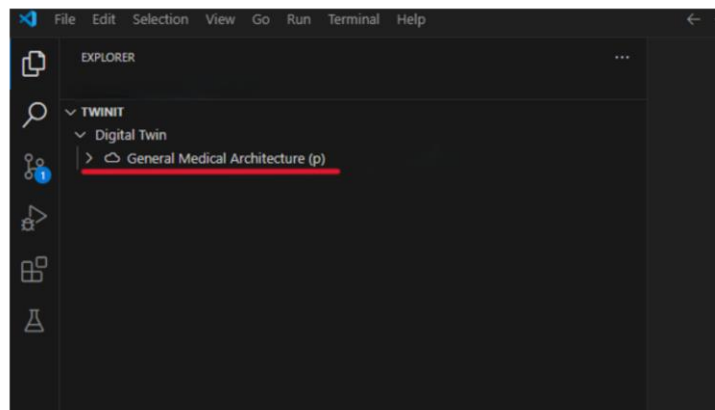
## Objective

The Asset Twin Setup provides all the scripts and configurations you need to create and update an Asset Twin on Twinit. Here you find everything you need to create and update an example Asset Twin using a sample model and asset data. You will also find the documentation you need to be able to repurpose and reuse the example to create your Asset Twins.

## Setting up an Asset Twin Project

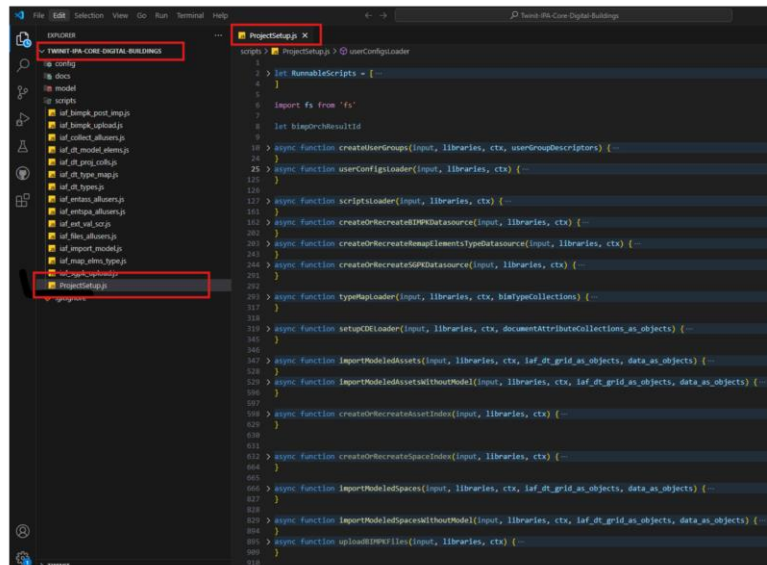
### 1. Project and Script Creation

1. Create a new Twinit Project for your application using VS Code.
2. Create a “projectsetup” script under the project name > scripts.



3. Copy the script from [Twinit-IPA-Core-Digital-Buildings/Asset Twin Setup/scripts/ProjectSetup.js](#) and paste it in your newly created “project setup” and save.

# Asset Twin Setup



## 2. Config Sheet Preparation

Before the project execution begins, its mandatory to prepare the configuration sheet as per project model and script location details. This includes:

- Information about what user groups to create
- The location of the model to import
- What information to use to classify the model
- And more...

Below we will explain each of the sheets you need to configure.

**\*\*Note:** Information Sheet will give you the details setting up config sheet and other mandatory details for Hidden Properties, Group Detail, Relation between Asset & Space and Table view for Asset, Space and Documents

### 1. Path Sheet – It's a “Mandatory” sheet configured with two paths.

- “Script Path” represents the location of the repository cloned path on your local machine. The script will fetch scripts files using function “getScriptData”.
  - **Example:** C:/Project/GIT HUB/Twinit-IPA-Core-Digital-Buildings/
- “BIMPK Path” represents the location of Model file of your local machine, this cover along with model name.
  - **Example:** C:/Project/GIT HUB/Twinit-IPA-Core-Digital-Buildings/model/**General Medical - Architecture.bimpk**

# Asset Twin Setup

Script Path	BIMPK Path
C:/Users/GangaMagesh/OneDrive - Invicara/My Backup/GIT Hub/ClientApplicationConfig/	C:/Users/GangaMagesh/OneDrive - Invicara/My Backup/SE Tools/Oneclick/Oneclick_Demo/General Medical Architecture/General Medical - Architecture bimpk

Add Path here of Script and BIMPK

Path

2. **Config sheet** – It's a "Mandatory" sheet used to define the usergroups you wish to create for the project, and specifies the pages (or handlers) visible in the frontend per the user group. To hide a page enter 'No' in the cell for the handler.
  - o **Example:** Below the "Project Admin" usergroup will have access to all pages, whereas the "Project user" usergroup will not have access to the Model Elements, BIMPK Upload, SGPK Upload, Project Types, and Project Collection pages.

UserGroupName	Assets	Spaces	Files	Collections	ModelElements	BIMPK Upload	SGPK Upload	Project Types	Project Collection	Navigator
Project Admin	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Project User	Yes	Yes	No	Yes	No	No	No	No	No	Yes
Project Visitor	No	Yes	Yes	No	Yes	No	No	No	No	No

Customize the User Config as per Project and Modules to display

Path

3. **Import List** - It's a "Mandatory" sheet used for the desired Asset Twin setup.
  - o By default, all can be marked as "Yes" with all consecutive customize sheet are updated with data.
  - o For any customization workflow, refer to the Use case and condition table.

# Asset Twin Setup

Function Name	Access
BimType	Yes
DocumentAttributes	Yes
Assets	Yes
Spaces	Yes
ModelImport	Yes

Add Function Name and Access as per Project  
Eg: If the Asset is applicable marke Access as "Yes" and fill the relevant

Path Config Import List Document Attributes Space Property Info Spaces Asset Property Info Assets Bim Type

## 4. Customizable Sheets – These sheets can be customized but should for the example should be left as is.

- **BIMType:** Specifies how to classify the elements in the model based on their Revit Category and Revit Types. As the model is imported the elements will be given the dtCategory and dtType properties that align with their assign Revit Category and Revit Type in the sheet.

### BIMType

Revit Category	Revit Family	Revit Type	dtCategory	dtType
OST_Casework	Base Cabinet-4 Drawers	24"	Architectural Elements	Furniture
OST_Casework	Base Cabinet-Double Door Sink Unit	42"	Architectural Elements	Furniture
OST_Casework	Base Cabinet-Single Door & Drawer	24"	Architectural Elements	Furniture
OST_Casework	Casework-Exam Room-Midmark-MLDSPX00-Traditional	72"x24"x78"	Architectural Elements	Furniture
OST_Casework	Counter Top	24" Depth	Architectural Elements	Furniture
OST_Casework	Counter Top w Sink	24" Depth	Architectural Elements	Furniture
OST_Casework	Counter Top-L Shaped	24" Depth	Architectural Elements	Furniture
OST_Casework	Reception Counter	24" Depth	Architectural Elements	Furniture
OST_Doors	Curtain Wall-Store Front-Dbt	Store Front Double Door	Architectural Elements	Doors
OST_Doors	Curtain Wall Panel - Automatic Sliding Double Doors 13044	Curtain Wall Panel - Automatic Sliding Double Doors 13044	Architectural Elements	Doors
OST_Doors	Door Single w Side Light	36"x84"	Architectural Elements	Doors
OST_Doors	DoubleDoor-w-Frame	36"x36"x84" - Flush	Architectural Elements	Doors
OST_Doors	Double-Glass-Dbt Acting-w-Metal-Frame	68" x 84" - Full Glass	Architectural Elements	Doors
OST_Doors	Double-Glass-w-Panels-w-Metal-Frame	72" x 84"	Architectural Elements	Doors
OST_Doors	Elevator Door CabCenter-Generica	42" Opening	Architectural Elements	Doors
OST_Doors	Exterior-Door		Architectural Elements	Doors
OST_Doors	Exterior-Door		Architectural Elements	Doors
OST_Doors	Single-Flush-w-Metal-Frame	18" x 84"	Architectural Elements	Doors
OST_Doors	Single-Flush-w-Metal-Frame	36" x 84"	Architectural Elements	Doors
OST_Doors	Single-Flush-w-Metal-Frame	42" x 84"	Architectural Elements	Doors
OST_Doors	Single-Flush-w-Metal-Frame	48" x 84"	Architectural Elements	Doors
OST_Doors	Single-Glass-w-Metal-Frame	36" x 84" Half Glass	Architectural Elements	Doors
OST_DuctTerminal	Return Diffuser - Hosted	Workplane-based Return Diffuser	HVAC Elements	Diffuser
OST_Furniture	12 Drink Table	12 Drink Table	Architectural Elements	Furniture
OST_Furniture	12 Mansfield Lounge Chair	12 Mansfield Lounge Chair	Architectural Elements	Furniture
OST_FurnitureSystems	8 FT POOL TABLE 13788	8 FT POOL TABLE 13788	Architectural Elements	Pool Table
OST_LightingFixtures	Downlight - Recessed Can	6" Incandescent - 277V	Electrical Elements	Lighting Fixtures
OST_LightingFixtures	Lobby Cylinder Pendant	8" D x 3" Tube	Electrical Elements	Lighting Fixtures
OST_PlumbingFixtures	Drinking Fountain - Handicap	Standard	Plumbing Elements	Drinking Fountain
OST_PlumbingFixtures	Lavatory, Commercial-Willoughby-ES-1015-HC	Lavatory, Commercial-Willoughby-ES-1015-HC	Plumbing Elements	Toilet
OST_PlumbingFixtures	Shower Stall-20	Shower Stall-20	Plumbing Elements	Shower Stall
OST_PlumbingFixtures	Single Scrub Sink 2740	Single Scrub Sink 2740	Plumbing Elements	Sink
OST_PlumbingFixtures	Sink - Mop	28"x28"	Plumbing Elements	Sink
OST_PlumbingFixtures	Sink Kitchen-Double	42" x 21"	Plumbing Elements	Sink
OST_PlumbingFixtures	Sink Vanity-Square	20" x 18"	Plumbing Elements	Sink
OST_PlumbingFixtures	Toilet - Flush Valve - Non-Hosted	Public - Flushing Greater than 1.6 gpf	Plumbing Elements	Toilet
OST_SecurityDevices	281619 Closed Circuit TV Camera	Closed Circuit TV Camera	Security Elements	CCTV Camera
OST_SpecialtyEquipment	Dishwasher	24" x 24" x 34"	Architectural Elements	Dishwasher
OST_SpecialtyEquipment	Ladder	Standard	Architectural Elements	Ladder

Add Project BIM Type List here

Path Config Import List Document Attributes Space Property Info Spaces Asset Property Info Assets Bim Type

# Asset Twin Setup

- **Asset:** specifies which elements in the model should be transformed to Assets and which properties and values should be carried from the model element to the Asset.
- **Asset Property Info** refers to the property details from asset sheet defining the property type, grouping and visibility.

Asset and Asset Property Info

A	B	C	D	E	F	G	H	I	J
Property	Type	uom	Hidden	Groups	Property Set	TableView	Relation		
platformid	text		revitGuid	Asset Properties	dCategory, dType, Revit Family, Revit Type	Room Name	contained by spatial structure		
dCategory	text		Asset MAC ID	Classification	Type Mark, Mark, Level	Room Number			
dType	text		Asset Equipment ID	Information	Description Fire Rating	Model			
p1	text					URL			
p2	text								
Asset Name	text								
revitGuid	text								
Revit Element ID	text								
Revit Family	text								
Revit Type	text								
Level	text								
contained by spatial structure	text								

Add Project Asset Properties here as Asset sheet

platformid	dCategory	dType	p1	p2	Asset Name	revitGuid	Revit Element ID	Revit Family	Revit Type	Revit Category	Level
663496b2b12600a047a2	Architectural Elements	Doors	1	001	2F Doors-001	71e20f18-3541-4b35-ac33-3056cae150c4-000700a4	495780	Doorwasher	24" x 34" x 34"	OST Specialty Equipment	2F
663496b2b12600a047a3	Architectural Elements	Doors	1	001	1F Doors-001	50b307af-0394-4336-ac0c-8f63a0b2b24a-00034a0a	215770	Double-Glass-Ddr Acting-w-Metal-Frame	68" x 84" - Full Glass	OST Doors	1F
663496b2b12600a047a4	Architectural Elements	Doors	2	002	1F Doors-002	50b307af-0394-4336-ac0c-8f63a0b2b24a-00034a0a	215770	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	1F
663496b2b12600a047a5	Architectural Elements	Doors	3	003	1F Doors-003	08100794-1776-4c24-86c5-5593a164a80e-00035502	218610	Single-Glass-w-Metal-Frame	36" x 84" Half Glass	OST Doors	1F
663496b2b12600a047a6	Architectural Elements	Doors	4	004	GF Doors-004	127e62bf-e054-4d7b-9814-65caad8ebdc-000367ab	223747	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	GF
663496b2b12600a047a7	Architectural Elements	Doors	5	005	GF Doors-005	127e62bf-e054-4d7b-9814-65caad8ebdc-000367ac	223747	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	GF
663496b2b12600a047a8	Architectural Elements	Doors	6	006	GF Doors-006	127e62bf-e054-4d7b-9814-65caad8ebdc-00036804	223747	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	GF
663496b2b12600a047a9	Architectural Elements	Doors	7	007	GF Doors-007	127e62bf-e054-4d7b-9814-65caad8ebdc-00036805	223747	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	GF
663496b2b12600a047aa	Architectural Elements	Doors	8	008	GF Doors-008	127e62bf-e054-4d7b-9814-65caad8ebdc-00036841	223747	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	GF
663496b2b12600a047ab	Architectural Elements	Doors	9	009	GF Doors-009	127e62bf-e054-4d7b-9814-65caad8ebdc-0003684c	223747	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	GF
663496b2b12600a047ac	Architectural Elements	Doors	10	010	GF Doors-010	127e62bf-e054-4d7b-9814-65caad8ebdc-0003685c	223747	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	GF
663496b2b12600a047ad	Architectural Elements	Doors	11	011	GF Doors-011	127e62bf-e054-4d7b-9814-65caad8ebdc-00036895	223747	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	GF
663496b2b12600a047ae	Architectural Elements	Doors	12	012	GF Doors-012	127e62bf-e054-4d7b-9814-65caad8ebdc-0003689b	223747	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	GF
663496b2b12600a047af	Architectural Elements	Doors	13	013	GF Doors-013	127e62bf-e054-4d7b-9814-65caad8ebdc-000368d7	223747	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	GF
663496b2b12600a047b0	Architectural Elements	Doors	14	014	GF Doors-014	127e62bf-e054-4d7b-9814-65caad8ebdc-000368d5	223747	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	GF
663496b2b12600a047b1	Architectural Elements	Doors	15	015	GF Doors-015	127e62bf-e054-4d7b-9814-65caad8ebdc-00036896	223747	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	GF
663496b2b12600a047b2	Architectural Elements	Doors	16	016	GF Doors-016	127e62bf-e054-4d7b-9814-65caad8ebdc-00036920	223747	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	GF
663496b2b12600a047b3	Architectural Elements	Doors	17	017	GF Doors-017	127e62bf-e054-4d7b-9814-65caad8ebdc-00036922	223747	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	GF
663496b2b12600a047b4	Architectural Elements	Doors	18	018	GF Doors-018	127e62bf-e054-4d7b-9814-65caad8ebdc-00036922	223747	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	GF
663496b2b12600a047b5	Architectural Elements	Doors	19	019	GF Doors-019	127e62bf-e054-4d7b-9814-65caad8ebdc-00036922	223747	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	GF
663496b2b12600a047b6	Architectural Elements	Doors	20	020	GF Doors-020	127e62bf-e054-4d7b-9814-65caad8ebdc-00036922	223747	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	GF
663496b2b12600a047b7	Architectural Elements	Doors	21	021	GF Doors-021	127e62bf-e054-4d7b-9814-65caad8ebdc-00036922	223747	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	GF
663496b2b12600a047b8	Architectural Elements	Doors	22	022	GF Doors-022	127e62bf-e054-4d7b-9814-65caad8ebdc-00036922	223747	Double-Glass-w-Panel-w-Metal-Frame	77" x 84"	OST Doors	GF
663496b2b12600a047b9	Architectural Elements	Doors	23	023	GF Doors-023	127e62bf-e054-4d7b-9814-65caad8ebdc-0003734a	226126	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	2F
663496b2b12600a047ba	Architectural Elements	Doors	24	024	2F Doors-024	127e62bf-e054-4d7b-9814-65caad8ebdc-00037369	226153	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	2F
663496b2b12600a047bb	Architectural Elements	Doors	25	025	2F Doors-025	127e62bf-e054-4d7b-9814-65caad8ebdc-00037383	226179	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	2F
663496b2b12600a047bc	Architectural Elements	Doors	26	026	2F Doors-026	127e62bf-e054-4d7b-9814-65caad8ebdc-00037380	226204	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	2F
663496b2b12600a047bd	Architectural Elements	Doors	27	027	2F Doors-027	127e62bf-e054-4d7b-9814-65caad8ebdc-000373cb	226251	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	2F
663496b2b12600a047be	Architectural Elements	Doors	28	028	2F Doors-028	127e62bf-e054-4d7b-9814-65caad8ebdc-0003741c	226332	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	2F
663496b2b12600a047bf	Architectural Elements	Doors	29	029	2F Doors-029	127e62bf-e054-4d7b-9814-65caad8ebdc-00037443	226371	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	2F
663496b2b12600a047c0	Architectural Elements	Doors	30	030	2F Doors-030	127e62bf-e054-4d7b-9814-65caad8ebdc-0003745c	226396	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	2F
663496b2b12600a047c1	Architectural Elements	Doors	31	031	2F Doors-031	127e62bf-e054-4d7b-9814-65caad8ebdc-00037414	226420	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	2F
663496b2b12600a047c2	Architectural Elements	Doors	32	032	2F Doors-032	127e62bf-e054-4d7b-9814-65caad8ebdc-00037491	226449	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	2F
663496b2b12600a047c3	Architectural Elements	Doors	33	033	2F Doors-033	08b342a2-0088-4352-82d1-415c-42b943-00030398	226501	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	2F
663496b2b12600a047c4	Architectural Elements	Doors	34	034	2F Doors-034	08b342a2-0088-4352-82d1-415c-42b943-00030398	226513	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	2F
663496b2b12600a047c5	Architectural Elements	Doors	35	035	GF Doors-035	ac6596f7-5914-4996-b537-5676-b3a3a-0003945d	224689	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	GF
663496b2b12600a047c6	Architectural Elements	Doors	36	036	GF Doors-036	ac6596f7-5914-4996-b537-5676-b3a3a-0003945d	224689	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	GF
663496b2b12600a047c7	Architectural Elements	Doors	37	037	2F Doors-037	ac6596f7-5914-4996-b537-5676-b3a3a-0003945d	224689	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	2F
663496b2b12600a047c8	Architectural Elements	Doors	38	038	2F Doors-038	ac6596f7-5914-4996-b537-5676-b3a3a-0003945d	224689	Double-Glass-w-Panel-w-Metal-Frame	77" x 84"	OST Doors	2F
663496b2b12600a047c9	Architectural Elements	Doors	39	039	2F Doors-039	ac6596f7-5914-4996-b537-5676-b3a3a-0003945d	224689	Single-Flush-w-Metal-Frame	36" x 84"	OST Doors	2F

- **Space** specifies which elements in the model should be transformed to Spaces and which properties and values should be carried from the model element to the Space.
- **Space Property Info** refers to the property details from space sheet defining the property type, grouping and visibility.

# Asset Twin Setup

## Space and Space Property Info

A	B	C	D	E	F	G	H	I	J
Property	Type	uom	Hidden	Groups	Property Set	TableView	Relation		
Space Name	text		revitGuid	Space Properties	Space Name, Level	Room Name	aggregated_by		
revitGuid	text			Classification	Room Name, Room Number	Room Number			
Name	text			Information	Area	Level			
Number	number					Area			
Area	number	sqm							
area_uom	text								
Revit Category	text								
Revit Family	text								
aggregated_by	text								

Add Project Space Properties here as Space sheet

A	B	C	D	E	F	G	H	I	J
Space Name	revitGuid	Name	Number	Area	area_uom	Revit Category	Revit Family	aggregated_by	
EXAM 1-4	d2036081216a40e492fa262c099727cb-00030b69	EXAM 1-4	1104	120.875		OST Rooms		2468	
EXAM 1-3	d2036081216a40e492fa262c099727cb-00030b74	EXAM 1-3	1103	120		OST Rooms		2468	
EXAM 1-2	d2036081216a40e492fa262c099727cb-00030b77	EXAM 1-2	1102	120		OST Rooms		2468	
EXAM 1-1	d2036081216a40e492fa262c099727cb-00030b7a	EXAM 1-1	1101	120		OST Rooms		2468	
CONSULT 1	d2036081216a40e492fa262c099727cb-00030b7d	CONSULT 1	1100	90		OST Rooms		2468	
CONSULT 2	d2036081216a40e492fa262c099727cb-00030b80	CONSULT 2	1200	89.06901042		OST Rooms		2468	
EXAM 2-1	d2036081216a40e492fa262c099727cb-00030b83	EXAM 2-1	1201	119.0690104		OST Rooms		2468	
EXAM 2-2	d2036081216a40e492fa262c099727cb-00030b86	EXAM 2-2	1202	120		OST Rooms		2468	
EXAM 2-3	d2036081216a40e492fa262c099727cb-00030b89	EXAM 2-3	1203	119.0690104		OST Rooms		2468	
EXAM 2-4	d2036081216a40e492fa262c099727cb-00030b8c	EXAM 2-4	1204	119.0690104		OST Rooms		2468	
EXAM 3-4	d2036081216a40e492fa262c099727cb-00030b8f	EXAM 3-4	1304	120		OST Rooms		2468	
EXAM 3-3	d2036081216a40e492fa262c099727cb-00030b92	EXAM 3-3	1303	120	sqm	OST Rooms		2468	
EXAM 3-2	d2036081216a40e492fa262c099727cb-00030b95	EXAM 3-2	1302	120	sqm	OST Rooms		2468	
EXAM 3-1	d2036081216a40e492fa262c099727cb-00030b98	EXAM 3-1	1119	1623264	sqm	OST Rooms		2468	
CONSULT 3	d2036081216a40e492fa262c099727cb-00030b9b					Rooms		2468	
PATIENT RESTROOM	d2036081216a40e492fa262c099727cb-00030ba0					Rooms		2468	
JANITOR - 2	d2036081216a40e492fa262c099727cb-00030ba4	JANITOR - 2	1005	31.54166667	sqm	OST Rooms		2468	
RECEPTION	d2036081216a40e492fa262c099727cb-00030ba7	RECEPTION	1007	692.2226064	sqm	OST Rooms		2468	
LAB	34847296-1329-4d04-80d6-30569ca5c67-00032a35	LAB	1503	227.7430566	sqm	OST Rooms		2496	
TRIAGE	34847296-1329-4d04-80d6-30569ca5c67-00032a39	TRIAGE	1509	221.4192708	sqm	OST Rooms		2496	
TREATMENT ROOM	34847296-1329-4d04-80d6-30569ca5c67-00032a33	TREATMENT ROOM	1507	225.1484375	sqm	OST Rooms		2496	
MEDICAL GASES	34847296-1329-4d04-80d6-30569ca5c67-00032a36	MEDICAL GASES	1602	68.48784722	sqm	OST Rooms		2496	
XRAY	34847296-1329-4d04-80d6-30569ca5c67-00032a39	XRAY	1505	138.6456163	sqm	OST Rooms		2496	
XRAY DEVELOPING	34847296-1329-4d04-80d6-30569ca5c67-00032a3c	XRAY DEVELOPING	1504	42.35243056	sqm	OST Rooms		2496	
PHARMACY	34847296-1329-4d04-80d6-30569ca5c67-00032a3f	PHARMACY	1502	286.2135417	sqm	OST Rooms		2496	
ENTRY - 2	50b307af-0394-4336-a2c6-8953e00b2d4a-00035562	ENTRY - 2	1508	87.1274306	sqm	OST Rooms		2496	
STAFF RESTROOM	50b307af-0394-4336-a2c6-8953e00b2d4a-00035562	STAFF RESTROOM	1011	56.25	sqm	OST Rooms		2468	
SHOWER/LOCKER	50b307af-0394-4336-a2c6-8953e00b2d4a-00035568	SHOWER/LOCKER	1511	127.7478299	sqm	OST Rooms		2496	
SUPPLIES	50b307af-0394-4336-a2c6-8953e00b2d4a-0003556b	SUPPLIES	1510	56.81119792	sqm	OST Rooms		2496	
ELECTRICAL	981b07b4-1776-4c3a-b6c9-5d7a154d96a-0003556c	ELECTRICAL	1601	74.3375	sqm	OST Rooms		2468	
STAIRS	127e62ef-e2d7b7b-9814-65cad45dbdc-00036a32	STAIRS	1013	141.391276	sqm	OST Rooms		2468	
MRL ELEVATOR	127e62ef-e2d7b7b-9814-65cad45dbdc-00036a35	MRL ELEVATOR	1002	60.52083333	sqm	OST Rooms		2468	
LOBBY	127e62ef-e2d7b7b-9814-65cad45dbdc-00036a38	LOBBY	1001	732.5733684	sqm	OST Rooms		2468	
PATIENT CORRIDOR	127e62ef-e2d7b7b-9814-65cad45dbdc-00036a3a	PATIENT CORRIDOR	1010	981.6544612	sqm	OST Rooms		2468	
NURSE STATION - 2	127e62ef-e2d7b7b-9814-65cad45dbdc-00036b17	NURSE STATION - 2	1012	67.93489583	sqm	OST Rooms		2468	
STAFF ENTRY	127e62ef-e2d7b7b-9814-65cad45dbdc-00036b29	STAFF ENTRY	1009	20	sqm	OST Rooms		2468	
OUTPATIENT CENTER	127e62ef-e2d7b7b-9814-65cad45dbdc-00036b30	OUTPATIENT CENTER	1500	442.9570313	sqm	OST Rooms		2496	
ENTRY	127e62ef-e2d7b7b-9814-65cad45dbdc-00036b3b	ENTRY	1000	137.5026042	sqm	OST Rooms		2468	
MECH	3515f6d3-6d7d-4ad5-b1b9-f1e38a2d891c-0003734d	MECH	2019	157.0277778	sqm	OST Rooms		2468	

Add Project Space List here

- **Document Attributes** refers to the file attributes use to classify the files based on the attribute list.

## 5. Use Cases & Conditions for Config Sheet preparations

Sheet Name	Function Name	Access	Conditions
Import List	ModelImport	No	BIMType sheet should be "No" and under Path sheet "BIMPK Path" should be "Empty"
Import List	ModelImport	Yes	BIMType sheet should be "Yes" and under Path sheet "BIMPK Path" should be "Filled"
Asset and Asset Property Info	Asset	No	Asset and Asset Property Info sheet should be "Empty"
Asset and Asset Property Info	Asset	Yes	Asset and Asset Property Info sheet should be "Filled"
Space and Space Property Info	Space	No	Space and Space Property Info sheet should be "Empty"
Space and Space Property Info	Space	Yes	Space and Space Property Info sheet should be "Filled"

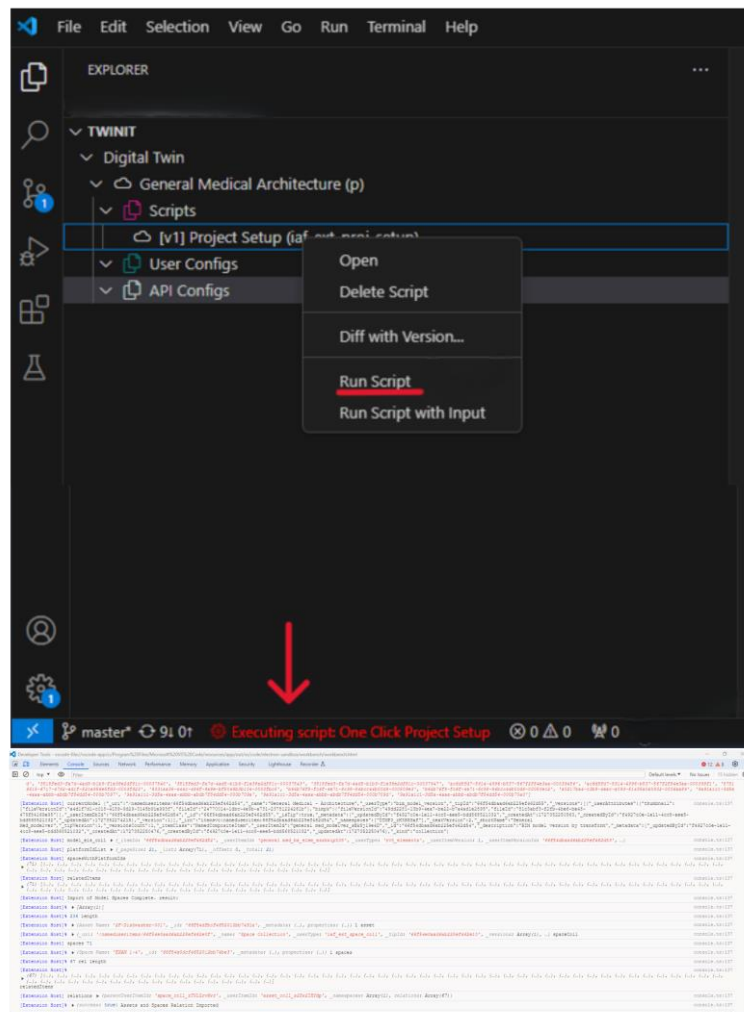


# Asset Twin Setup

Document Attributes	DocumentAttributes	No	Document Attributes sheet should be “Empty”
Document Attributes	DocumentAttributes	Yes	Document Attributes sheet should be “Filled”

## 3. Run the Script to Create an Asset Twin

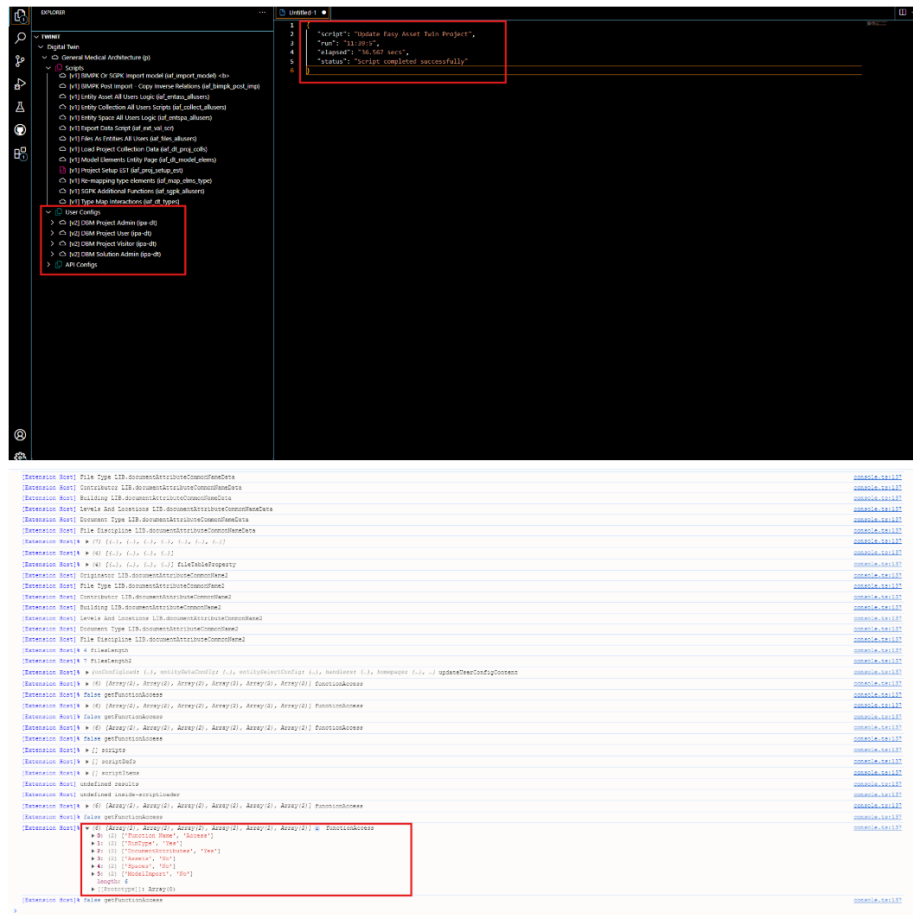
1. To run the script right click your setup script and select “Run Script”. It will display a prompt drop-down on top of VSCode, let select “Easy Asset Twin Project Setup” option.
2. Now the second prompt will be displayed to select “Config\_sheet” from folder location. Select the config sheet from the repository cloned path.
3. Once Project is completed successfully, it will load all your Scripts and Userconfig under the project name.



## 4. Run the Script to Update an Asset Twin

1. To update project run the update script right click your setup script and select “Run Script”. It will display a prompt drop-down on top of VSCode, let select “Update Easy Asset Twin Project” option.
2. Now the second prompt will be displayed to select updated “Config\_sheet” from folder location. Select the config sheet from the repository cloned path.
3. Once Project is completed successfully updated, it will update and version all your Userconfig under the project name.

# Asset Twin Setup



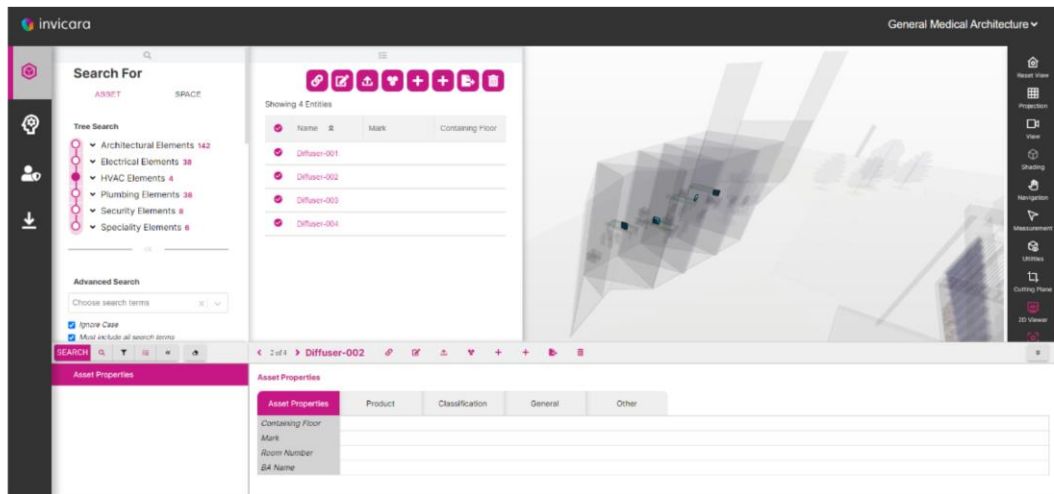
## 5. Project Frontend View

On successful completion of “Project Setup” view project in front end with multiple user role and all features. **[Refer below screenshots for actual “Easy Asset Twin” project frontend display]**

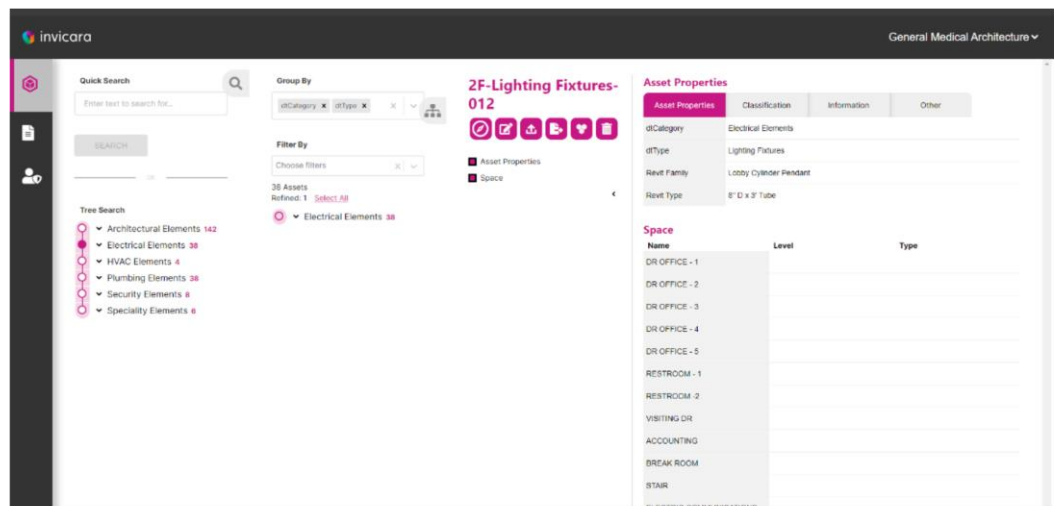


# Asset Twin Setup

## Navigator View



## Asset View



## Space View

