

Acceptance Criteria

Versions:

Version ID	Date	Changes
1.0	30/08/2020	Initialized the document with the acceptance criteria for different user stories.
1.1	01/09/2020	Changed the template of the acceptance criteria

Functional User Stories

ID	User Story	Acceptance Criteria		
		Given	When	Then
1	As a customer/client, I want to have zoom and rotation capabilities for the 3D model(s) of the product so that I can easily interact with the model and get more informative feedback	I have the product with 3D model(s) opened on the website	I zoom or rotate the 3D image	Image reflect those changes.
2	As a customer/client, I want to view the 3D model(s) of the product on the product detail page so that I can interact with the model and inspect it from multiple angles along with other product details	I have opened a product details page that has 3D model(s)	I interact with the 3D model (s)	I can see the model from multiple angles as well as product details.
3	As a customer/client, I want to view the 3D model(s) of the products on the product listing page so that I can interact with the model and inspect it and open its details if it interests me	I have opened a product listing page and a product has 3D model(s)	I click on the product to interact with the 3D model (s) via zooming or rotating interactions	Image reflect those changes
4	As a Client, I want to have a utility to automate the process of converting the IFC files to 3D model(s) so that I can work more efficiently	I have the utility opened in front of me and I have already selected the files to convert	I click "Convert"	The utility convert the IFC files in to 3D model (s)
5	As a software developer, I want to store the 3D model(s) generated by the utility in the database or disk so that I can retrieve them for the specific product on the website.	The utility is opened and storage path has been provided	The utility convert the IFC files to 3D model(s)	I can see them in the disk for retrieval
6	As a software developer, I want to store the meta-data for the models given in the IFC file in the database so that I can retrieve that data when displaying parameterized data for a 3D model	The database table had been extended to store the parametrized data	I load the product 3D model (s) on the website	The relevant parameterized data can be retrieved for displaying purposes
7	As a customer/client, I want to view the 3D model(s) of the product on the Cart page so that I can interact with the model and inspect it to ensure I am buying the right product	I have the cart / basket page opened and I have some products with 3D image(s) in my cart	I interact with the 3D model of that product via zoom or rotating interactions	Image reflect those changes.
8	As a customer/client, I want to view the parameterized data for the 3D model(s) so that I can get the finer details about the 3D model (s) in addition to viewing it	The page where 3D model(s) for the product are displayed is opened	I look at the "Extra Information" section	I see the parameterized data of the 3D model(s)
9	As a customer/client, I want to view multiple models for a product, if available so that it can help me in deciding if the product is suitable for my needs or not	The page where 3D model(s) for the product are displayed is opened	I choose a model from a list of thumbnails	The selected image is shown in the 3D model placeholder
10	As a customer/client I want to have a 'Add to Cart' button in the order history page, so that I can add previously ordered item(s) back in to the new cart for checkout	I have opened a order history page	I click on the shortcut button "Add to Cart"	My current cart is updated with that product

Non-Functional User Stories

ID	User Story	Acceptance Criteria
1	As a customer, I want to feel informative so that I can make more informed decisions when making a purchase or confirming orders.	<ul style="list-style-type: none">Have all the order/product information accessible.3D model(s) could be viewed and interacted with
2	As a customer, I want to feel reassured so that I can be sure of my decision when buying a particular product	<ul style="list-style-type: none">Have all the order/product information accessible.3D model(s) could be viewed and interacted with

3	As a customer / Client, I want to feel intuitive so that I don't have to learn something special to use and interact with 3D model(s)	<ul style="list-style-type: none"> • The interface should be easy and self-explanatory.
4	As a client, I want to feel satisfied so that I can rest assured that the Utility to automate the process of converting IFC/Revit to 3D image is working effectively	<ul style="list-style-type: none"> • The converted result is the same as the result generated from AutoDesk.
5	As a Software Developer (students), I want to feel productive so that I can boost my morale and help in building the product	<ul style="list-style-type: none"> • Students are able to meet the product requirements before the deadline.
6	As a Software Developer (students), I want to feel challenged so that I can push myself to learn new technologies and the best industrial practices.	<ul style="list-style-type: none"> • Students get the chance to explore new technologies • Students learn to follow industrial practices in development.