

Backlog

The following table provides a high-level overview of the user stories that need to be completed in this project.

For finer breakdown of these user stories into tasks and their priority as well as their assignment, please refer to [Sprint 1 Backlog](#) and [Sprint 2 Backlog](#)

| StoryID | User | Trello Label | User Story | MoSCoW Priority |
|---------|--------------------|-------------------------------|--|-----------------|
| N/A | Software Developer | Technical Debt | As a software developer I want to improve the quality of the code as well as database handed over by previous team, so that I can learn professional way of doing things and the future teams can find it easy to extend the current application | Must Have |
| 1 | Customer / Client | Integrate 3D JS Library | 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 | Must Have |
| 2 | Customer / Client | Product Details Page | 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 | Must Have |
| 3 | Customer / Client | 3D Model on the Listing Page | 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 | Must Have |
| 4 | Client | IFC to 3D Utility | 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 | Must Have |
| 5 | Software Developer | IFC to 3D Utility | 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. | Must Have |
| 6 | Software Developer | Storing Model Metadata to DB | 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 | Must Have |
| 7 | Customer / Client | Cart Page | As a customer/client, I want to view the 3D model(s) of the product on the Basket so that I can interact with the model and inspect it to ensure I am buying the right product | Should Have |
| 8 | Customer / Client | Show Parameterized Data | 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 | Should Have |
| 9 | Customer / Client | Choose b/w multiple 3D models | 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 | Could Have |
| 10 | Customer / Client | Add to Cart (Order History) | As a customer/client I want to have a button in the order history page, so that I can add previously ordered item(s) back in to the new cart for checkout | Could Have |