Assembly Validation

Technosoft Engineering
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Purpose: To validate and update multiple parts from the assembly

Functions:

- ➔ The tool will extract properties from the presently opened assembly file and display them in the "Current details" section.
- ➔ Any variations in properties when compared to the standard BEC Material Data Excel will be brought to attention by the tool.
- ➔ Users are provided with the choice to select new properties and apply them to their active parts or sheet metal files.

Constraint:

- ➔ The tool will work only with assembly files.
- ➔ The tool will read only top-level parts.

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User Interface Guide:

1. Open the desired assembly in Solid Edge launch the Automation tool and access the Assembly validation tool by clicking on it.
2. Click "Get BEC Material Data" to read BEC Material Data and fetch assembly parts
3. Click on part to get current properties under current details
4. Users can search by part properties using the search option.
5. Select material from the dropdown to assign new material user can also assign a gage table from the dropdown for sheet metal
6. Click Apply button to assign new properties to part
7. Click the refresh button to reset the tool.
8. Close the tool to use other tools if needed