Assembly Validation

Purpose : **To validate and update multiple parts from assembly**

Functions:

- ➔ **The tool will detect active .asm file automatically.**
- ➔ **The tool will fetch top level part details.**
- ➔ **The tool will fetch standard data from BEC Material Data excel and display under new part details**
- ➔ **The tool will highlight mismatch properties with respect to standard BEC Material Data excel.**
- ➔ **Users can select new properties and apply them to active part 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 and Activate the tool by clicking on it.
2. Assign BEC Material excel path to fetch standard data
3. Click Get BEC Material Data to read BEC Material Data and fetch assembly parts
4. Click on part to get current properties under current details
5. Users can search part properties using the search menu.
6. Select material from the dropdown to assign new material user can also assign a gage table from the dropdown for sheet metal
7. Click Apply button to assign new properties to part
8. Click the refresh button to reset the tool.
9. Close the tool to use other tools if needed