Assembly Structure

Purpose: To automate the creation of a top-level assembly structure (900 Level) based on BEC hedge/excel data.

Functions:
➔ The tool fetches assembly titles & numbers from hedge excel
➔ Generate blank assembly structure in solid edge as per hedge excel input
➔ User can add reference assembly under each assembly if needed.

Constraint:
➔ Any changes in the Hedge documents template can cause possible failure in the tool.
➔ The reference model can be placed at 900 and 800 levels only.
➔ To get a reference model at a further level- use copy and transfer tool followed by the occurrence property tool.

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User Interface Guide:

1. **Open the Automation tool and then the Virtual Structure tool by clicking on it**
2. **Click "Browse" on the hedge excel path and select the input hedge excel file for a structure.**
3. **Click "Browse" on the directory and select the output folder for assembly.**
4. **If the user wants to add a reference model then click "Browse" to add the reference model.**
5. **After assigning all paths, click on generate assembly button to start the process. Once the process is completed output assembly file is available in the output folder.**
6. **Close the tool to use other tools if needed**