We want a program in JavaScript or C# that reads data from a JSON file (specific format) and exports data to Microsoft Excel format. The JSON file has nested formatting with multiple objects and nodes. We want the Excel file to include the following worksheets: Note: ignore all "id" properties during import. For example "id" or "unitId" or "consistencyDescriptorId" etc.

Note: please note the program should be able to automatically read and write all properties under each node because in the future we may add or remove to the properties.

**- Project:** put all properties of the "project" node in this worksheet. Each property name becomes a column. Write values below the column-header row. How to handle "extraTags" node? add "name" of each record under this node as a separate column in "Project" worksheet.

All of the following worksheets use the data under the "**boreholes**" node:

**- Test Holes:** this worksheet lists all the top-level data under each object in "boreholes" array.

Note: add these properties from the "drillingGroundwaterLevels" node and add them as 2 more columns in this worksheet: "groundwaterDepth" and "groundwaterElev"

Note: add a column "progressStatus" which brings value of "name" property from the "progressStatus" node. Ignore the other properties in "progressStatus" node.

Note: for "completionNotes" node data, add its properties as separate columns to this worksheet.

Note: for "sptHammer" node, add its properties as separate columns but for column-header text use "SPT "+"name", for example "SPT type"

**- Samples:** this worksheet lists all the data under the "samples" node. However, the first column of this worksheet should be "Test Hole" which carries the value of the "name" property of the borehole object it belongs to. How to deal with data of "labTests" node? add all items of sub-nodes (e.g "indexTests") as a separate column in Samples worksheet.

**- Field Tests:** this worksheet lists all the data under the "fieldTests" node.

**- Comments:** this worksheet lists all the data under the "comments" node.

- Stratigraphy: this worksheet lists all the data under the "stratigraphy" node. Note: ignore "poorlyIndurated" node, "advanced" node, "components" node, "drillingObservations" node, "interimChanges" node

- Drill Runs: this worksheet lists all the data under the "drillruns" node.

**- Discontinuities:** this worksheet lists all the data under the "discontinuities" node.

- Drilling Details: this worksheet lists all the data under the "boringMethods" node.

**-Piezometers:** this worksheet lists all the data under the "piezometerData"/"piezometer" node.

**- Backfill:** this worksheet lists all the data under the "piezometerData"/"backfill" node. Please ignore the "boreholeSurveys" and "photos" nodes