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| Building json file for NEMS-DV (using user input) | |
| |  |  |  |  | | --- | --- | --- | --- | | **Specification** | **What** | **Time** | **Progress** | | 1 | Define Goal: |  |  | |  | *Create a user interface that takes table number and row number of labels in grafnem (and other information like chart type, years etc.) and returns a json block to plot the label in NEMS DV* |  |  | | 2 | Programming Language |  |  | |  | Python |  |  | | 3 | GUI Framework for the task |  |  | |  | Tkinter: Python’s standard GUI framework. Since it comes by default, there is an abundance of resources, both codes and reference books |  |  | | 4 | List of user inputs |  |  | |  | 1. Table number & names 2. Row number & names 3. Title 4. Type 5. Year 6. Operations/names (“+”,”-“) |  |  | | 5 | List of Outputs |  |  | |  | 1. Label/List of Labels in grafnem 2. Create .json file 3. Append to .json file |  |  | | 6 | User input type |  |  | |  | 1. Drop down for Table number & Row number 2. Text input type for Title 3. Radio button for type 4. First year, Last year and interval 5. Text input type for Operations/names |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | | |
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