# Out With the Old, In With the New:

### Reimagining the Save COmpare REstore GUI with

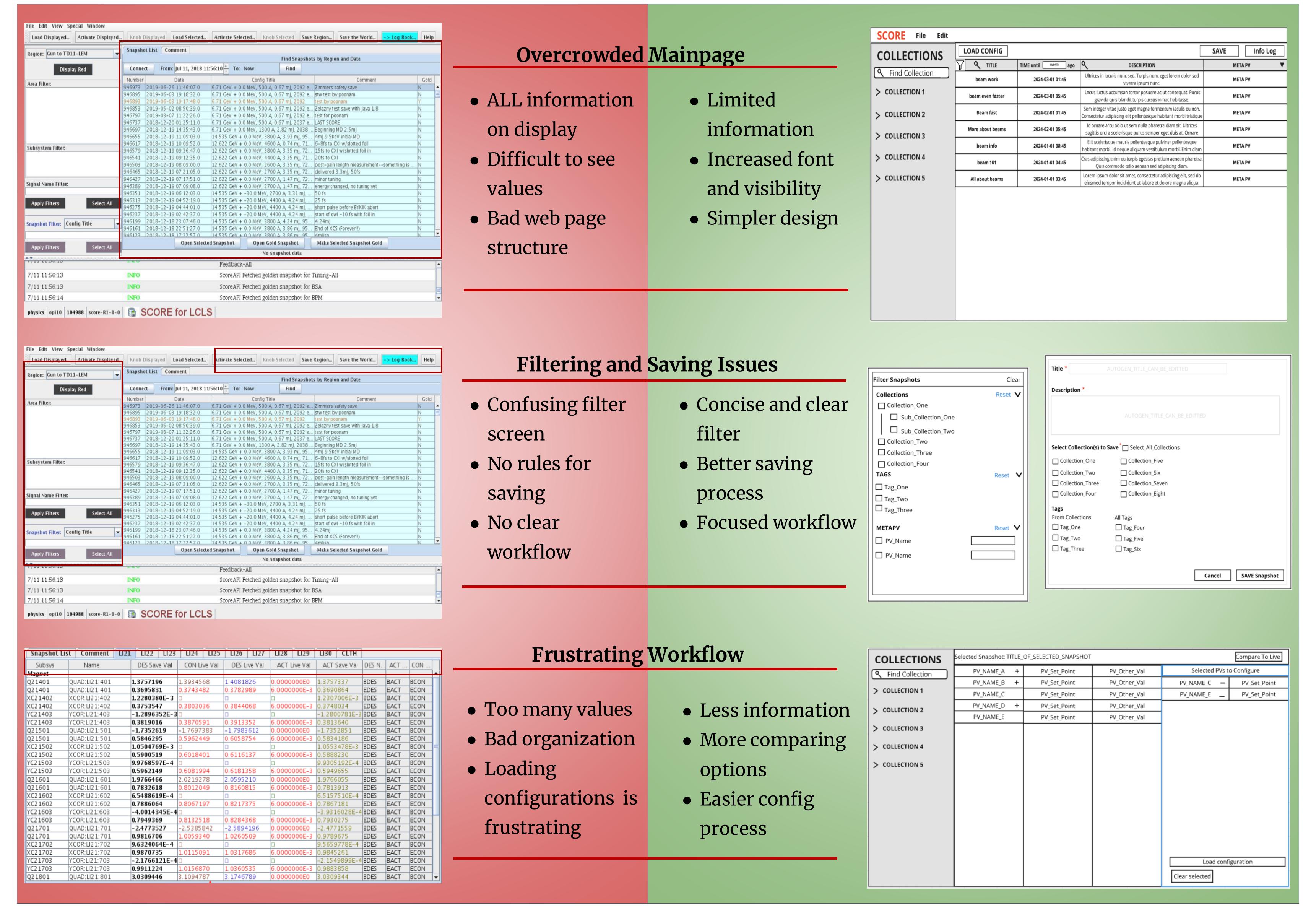


## HCI Focused Design

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#### **Abstract**

Desire to separate from an SQL database, Java programmed front and back end, and general frustration with the application has inspired a new life for SCORE. This new life takes form in a python based app that utilizes a noSQL database while revamping the entire Graphic User Interface (GUI) to fit a more efficient and easier workflow for utilization in the Accelerator Control Room (ACR) and potentially other laboratories.



#### **Process**

- Workflow interviews with the ACR employees to understand important details
- Collecting data to inform design choices
- Collaborating with backend designers to ensure all needs within the new program structure is met
- Involving users fully in creation process while maintaining best design practices

#### Conclusion

- Human- Computer Interaction (HCI) is the backbone of a good design.
- Created a multi-lab application
- Improved on previous design while adding new and desired elements
- Overcame difficulties with collaborators on the project

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