

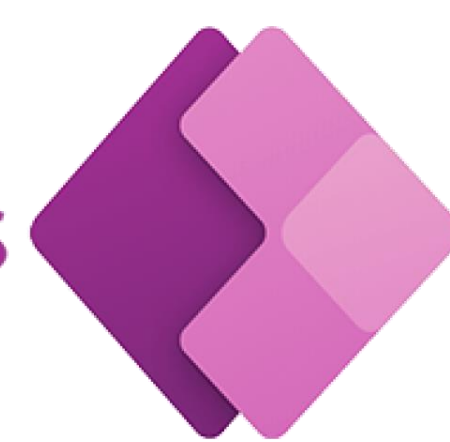


Knight Foundation
School of Computing
and Information Sciences

Knight Foundation School of Computing and Information Sciences

Summer 2024 Senior Design Project

PowerApps



Power
Automate

STARS Tutoting Management

Students: Furzaan Khan, Kristy Hamlin, Bryan Arango Cruz, Frank Reloba, Roberto Vera Marrero

Mentor: Patricia McDermott Wells, Associate Teaching Professor

Instructor: Dr. Masoud Sadjadi, Florida International University

Problem

The problem that has been solved and implemented is getting the "Reset" button to function and properly copy and create a new Master Excel.

Current System



Requirements

- Ending the current semester will do the following:
- A copy of the The Master Excel will be created in the same directory with "_semesterID" at the end of the name.
 - The Master Excel itself will be reset (all data will be wiped out) for the next semester.
 - The Start Semester option will become available again.

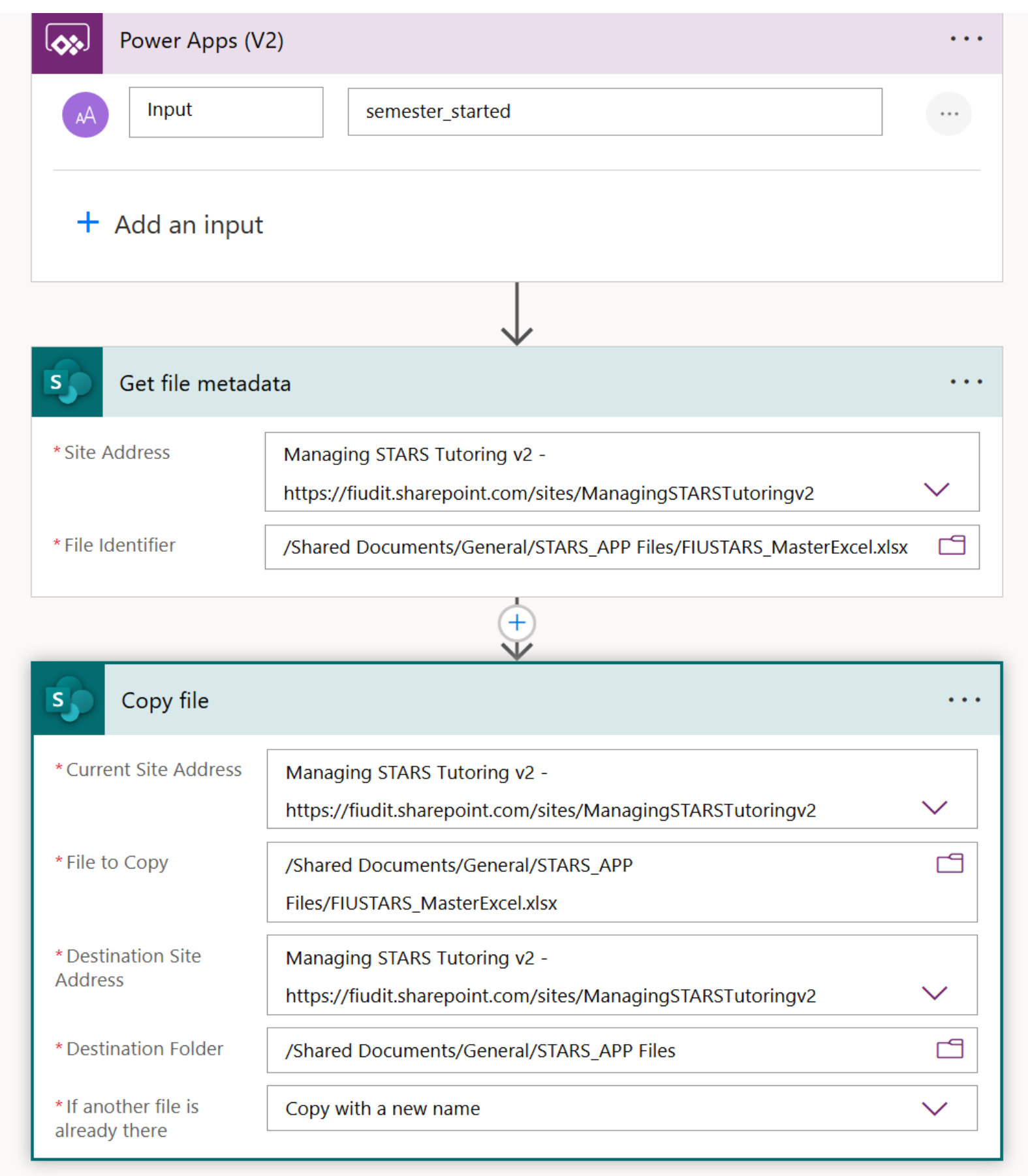
System Design

ACTION

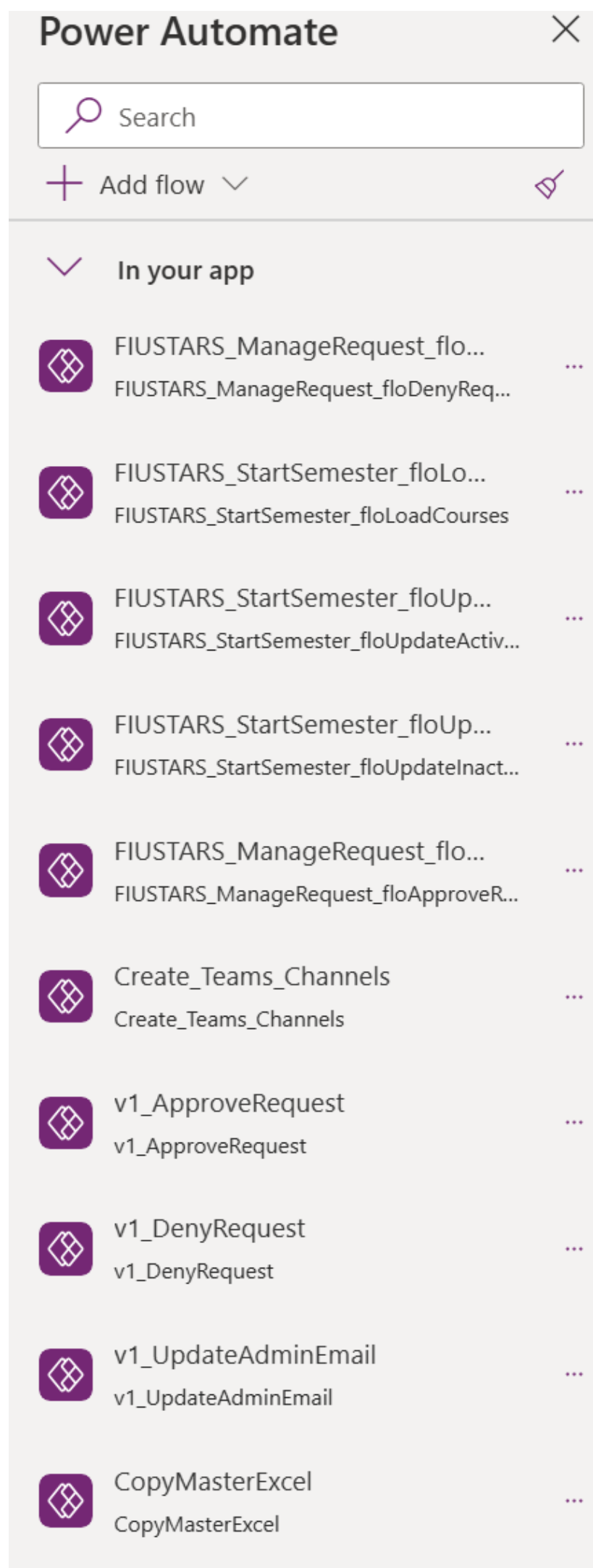
OnSelect

```
Set(semester_started, "false");  
  
CopyMasterExcel.Run();  
//some flow to end the semester  
  
Navigate(welcomeScreen_v1);
```

Object Design



Implementation



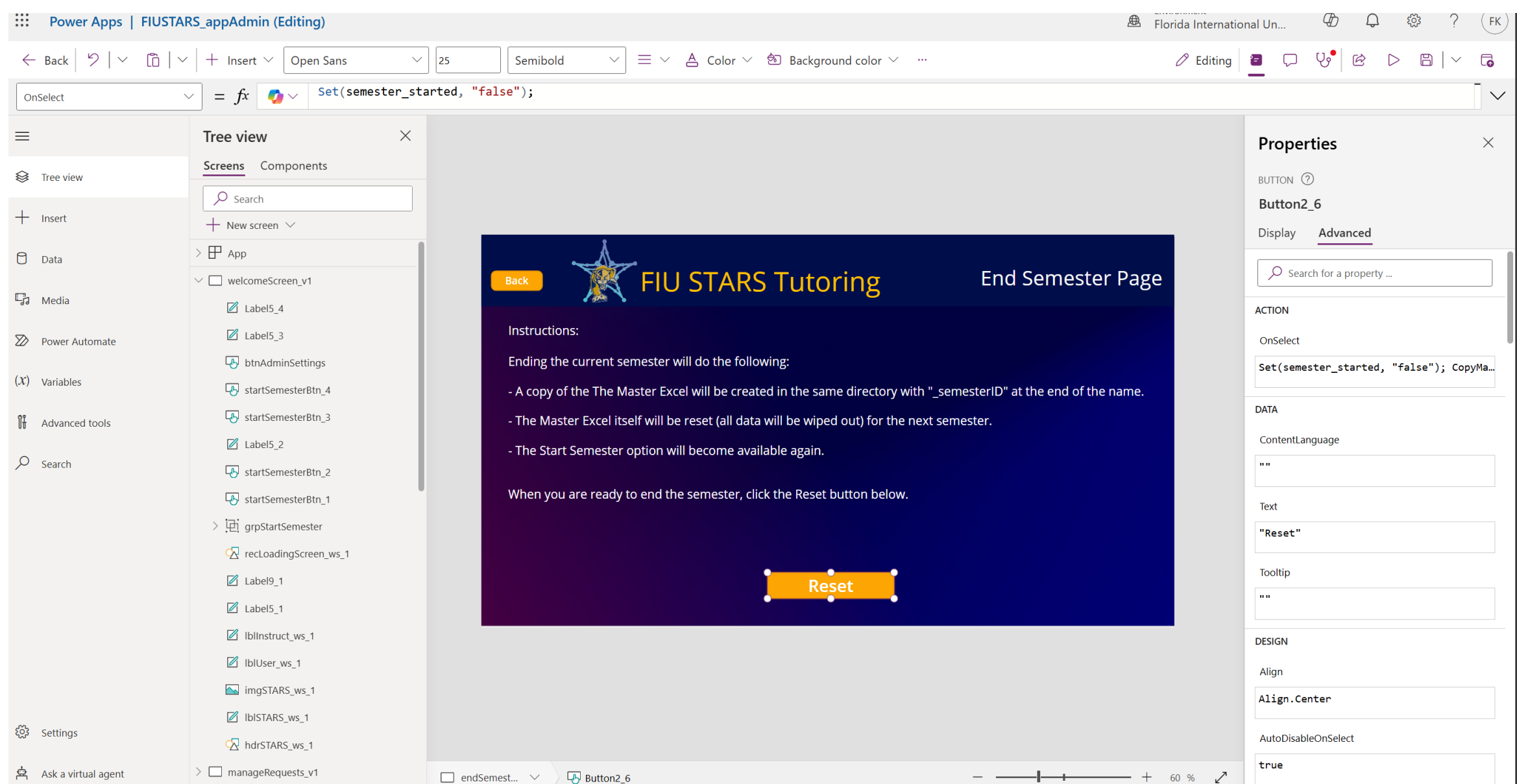
Verification

Flow checker

Errors (0)

Warnings (0)

Screenshots



Summary

I was able to successfully implement the "Reset" button using the flow function given by Power Automate. The code is verified and there are no errors. It is implemented into the app along with other flows implemented. The one I worked on is called "CopyMasterExcel".

Acknowledgement

The material presented in this poster is based upon the work supported by Power Automate (name of the sponsor: federal, state or local, or industry, if applicable). We/I thank XXXX for assistance, cooperation and mentorship that I/we received throughout this process