

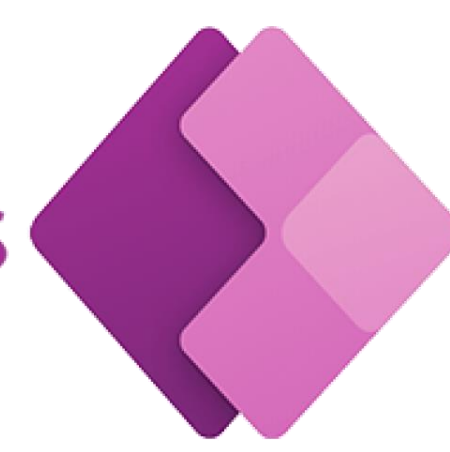


**Knight Foundation
School of Computing
and Information Sciences**

Knight Foundation School of Computing and Information Sciences

Summer 2024 Senior Design Project

PowerApps



STARS Tutoring Management

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

Mentor: Patricia McDermott Wells, *Associate Teaching Professor*

Instructor: Dr. Masoud Sadjadi, Florida International University



**Power
Automate**

Problem

Students and Tutors who have been approved by the apps administrators to be added to teams and their respective sub-channel

Current System

Back



FIU STARS Tutoring

View Approvals Page

Sort Column

PANTHER_ID

Course Count:

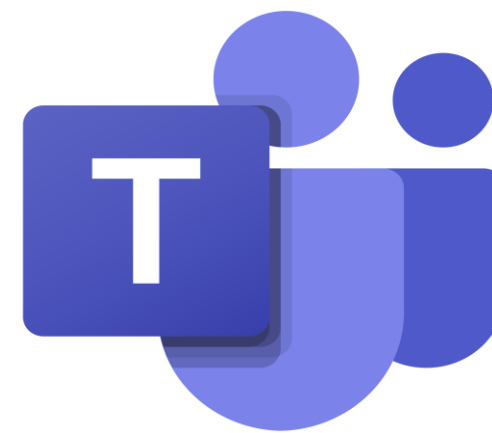
19

Student Count:

18

PANTHER_ID	FIRST_NAME	LAST_NAME	EMAIL	COURSE	APPROVE_DATE
10101010	Peter Quill	Starlord	khaml004@fiu.edu	CAP 4830 - Fundamentals of Modeling & Sim...	7/14/2024
1234566	Black	Widow	khaml004@fiu.edu	COP 3530 - Data Structures	7/14/2024
1234566	Black	Widow	khaml004@fiu.edu	COP 4005 - Windows Programming	7/14/2024
6666666	Ludwin	Tenorio	khaml004@fiu.edu	CAP 4830 - Fundamentals of Modeling & Sim...	7/17/2024
754321	Amadeus	Mozart	khaml004@fiu.edu	CAP 4104 - Human Computer Interaction	7/17/2024
987654	Hawk	Eye	khaml004@fiu.edu	CAP 4104 - Human Computer Interaction	7/14/2024
987654	Hawk	Eye	khaml004@fiu.edu	CAP 4506 - Introduction to Game Theory	7/14/2024
987654	Hawk	Eye	khaml004@fiu.edu	CAP 4104 - Human Computer Interaction	7/14/2024

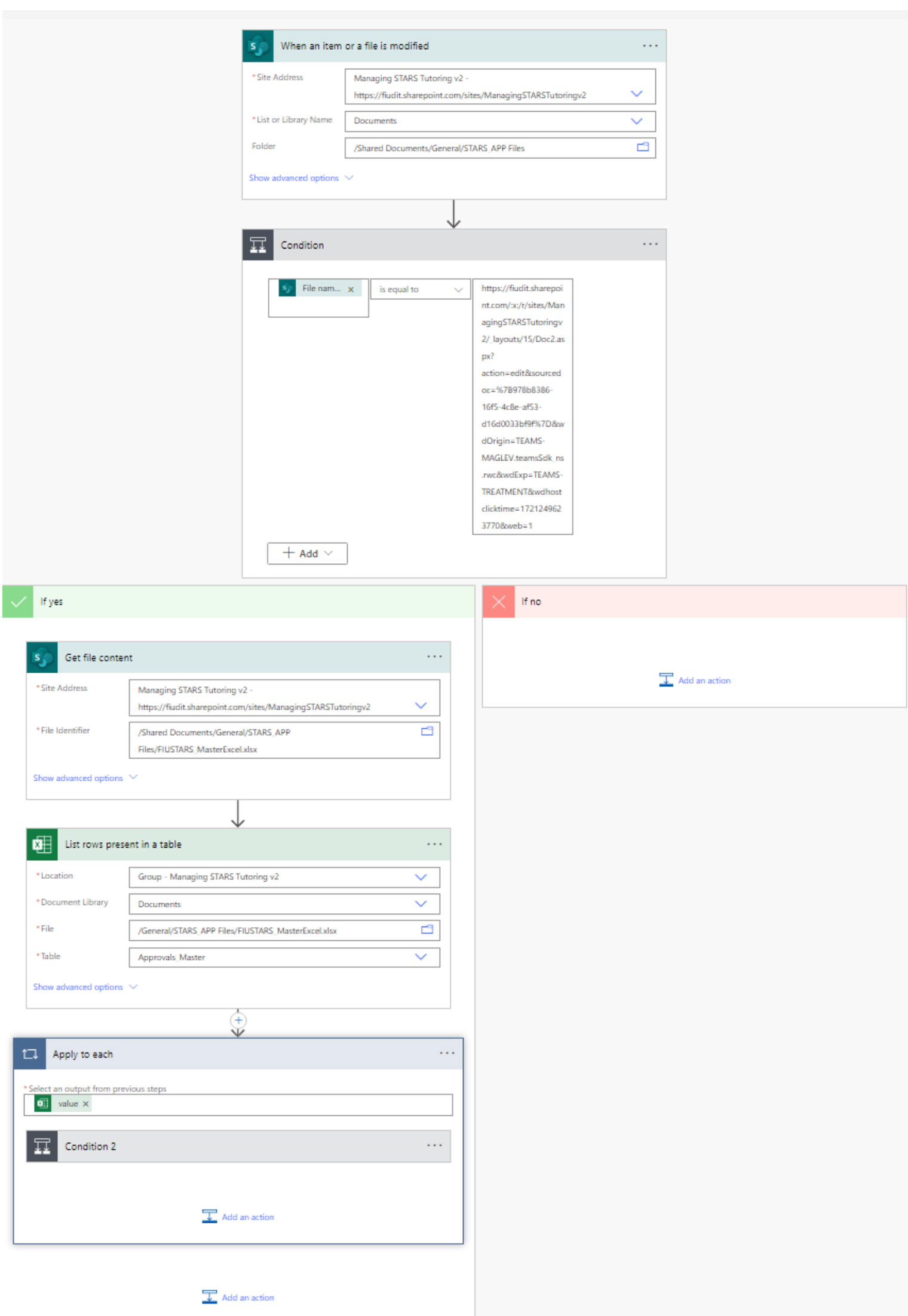
Requirements



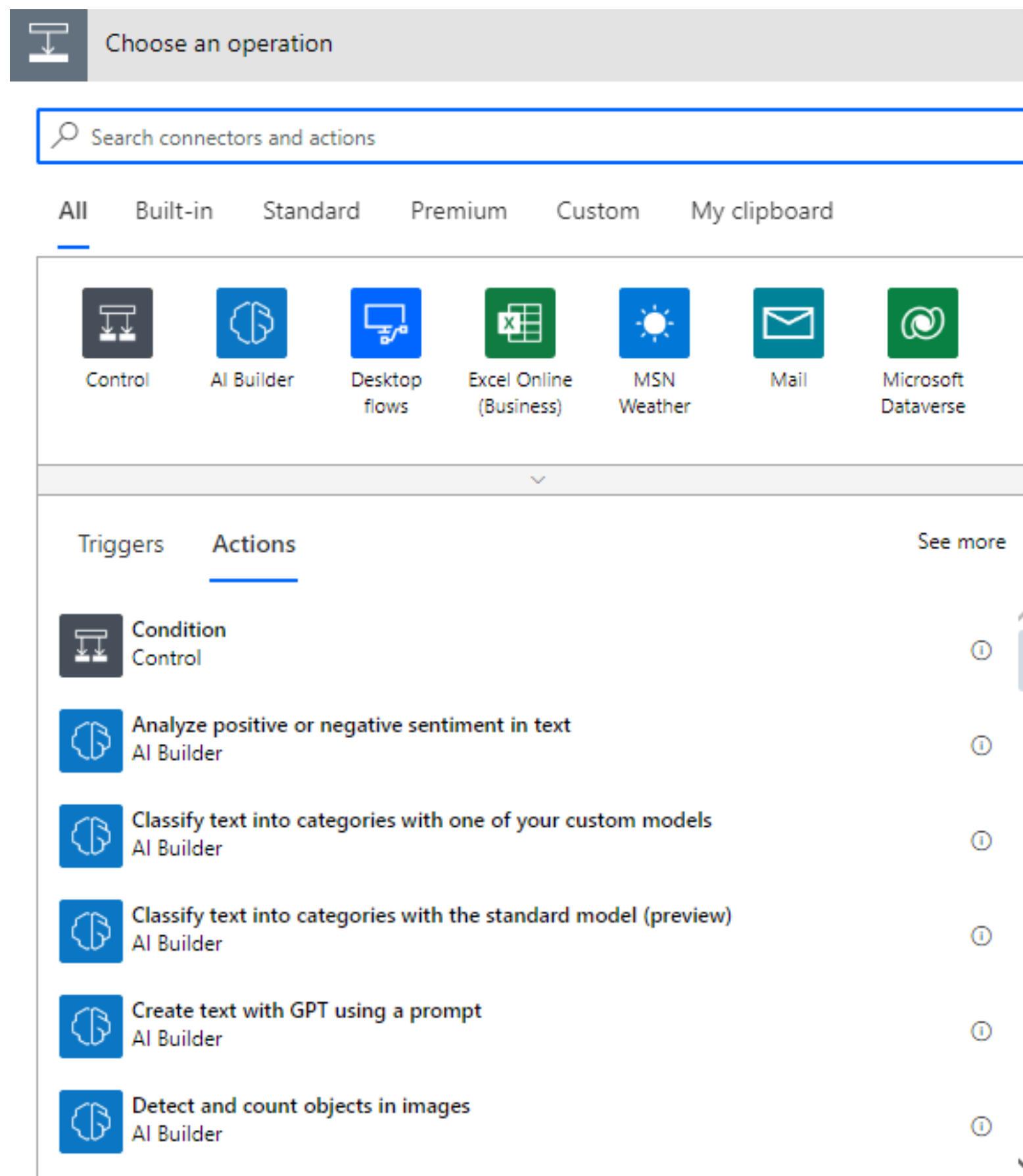
System Design

```
1 {
2   "inputs": {
3     "host": {
4       "connectionName": "shared_teams",
5       "operationId": "AddMemberToTeam",
6       "apiId": "/providers/Microsoft.PowerApps/apis/
7     shared_teams"
8   },
9   "parameters": {
10    "teamId": "https://teams.microsoft.com/l/team/
11    19%3A9RWXFAJNVEzyZTABfutz-Nqotvnzx967sm1_Xg9BrR41%40thread.tacv2/
12    conversations?groupId=9391f5db-c827-4cc8-9ae0-1c941c040729&
13    tenantId=ac79e5a8-e0e4-434b-a292-2c89b5c28366",
14    "body/userId": "@items('Apply_to_each')['EMAIL']"
15  },
16  "authentication": "@parameters('$authentication')"
17 },
18 "metadata": {
19   "operationMetadataId": "47169c52-d173-4c06-840b-947d0726c8c8"
20 }
```

Object Design



Implementation



Verification

Flow checker

Errors (0)

Warnings (0)

Screenshots

Results not yet shown since the owner of the creation of Team has yet to invite us to test confirmation

Summary

Once a semester gets created, one member's code creates the team, this code is to implement that team has the port where accepted members get added.

Acknowledgement

The material presented in this poster is based upon the work supported by XXXXX (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