

Florida International University
Knight Foundation School of Computing and
Information Sciences

Installation/Maintenance Guide

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1.Introduction

Power Apps and Power Automate

Power Apps and Power Automate are products of Microsoft that allow the creation of apps and step-by-step procedures for these apps to operate on. Power Apps is a tool that is primarily made to create apps and provides types of assets such as User Interface, data collection, flow initializer, debug menu, and etc.. Power Automate is an app that is primarily made to make and handle flows. Flows are instructions that can be given to a created app that informs the app what actions should be taken when a specific event or interaction takes place, such as a store page relaying back all products the user placed in a cart when they click checkout. Power Automate is typically the backbone of what is made in Power Apps and thus does not need to have as much time on that app than Power Apps.

2.Installation

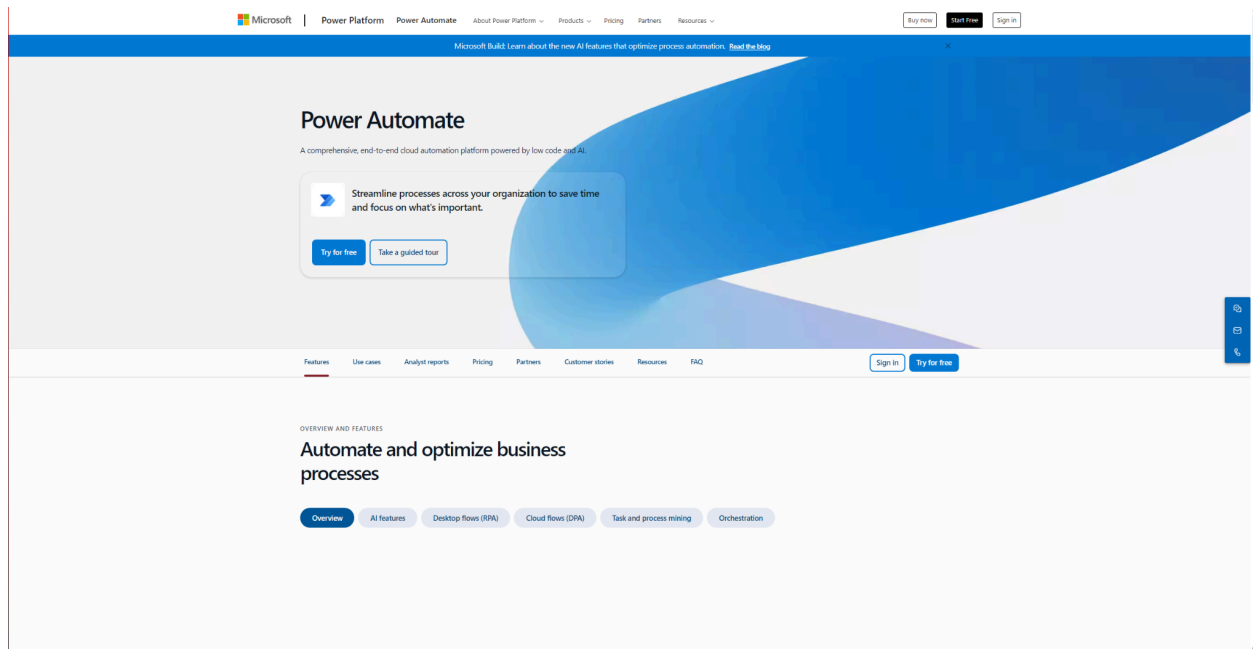
Power Automate

Power Automate utilizes a type of coding known as Low-Code/No-Code, which allows the user to create a product by using interfaces that have tools that can help generate the code. As such, there is no need to download a compiler nor is the user required to know any forms of coding.

Power Automate is also an app that is found as a website and thus is not necessary to download its software version. To access the site, go to the search engines url search bar and type in the following:

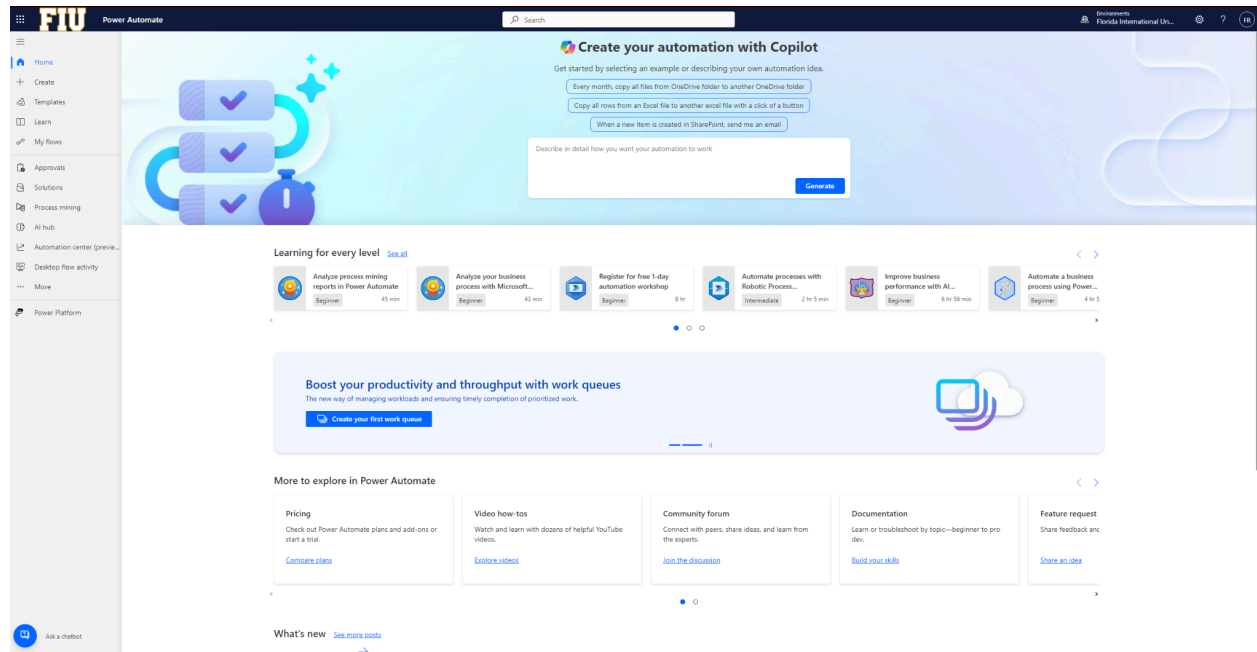
<https://www.microsoft.com/en-us/power-platform/products/power-automate>

Typing “Power Automate” or clicking on the link prepared above should send you to this website:



On the top right of the page, click “Sign in”. To use power automate, one must have a Microsoft account, but using your FIU student email will also work in logging in.

After signing in, the page should look like this:



Congratulations, you have successfully gained access to Power Automate. Everytime you need to enter this site, simply follow the steps mentioned earlier and you can begin working.

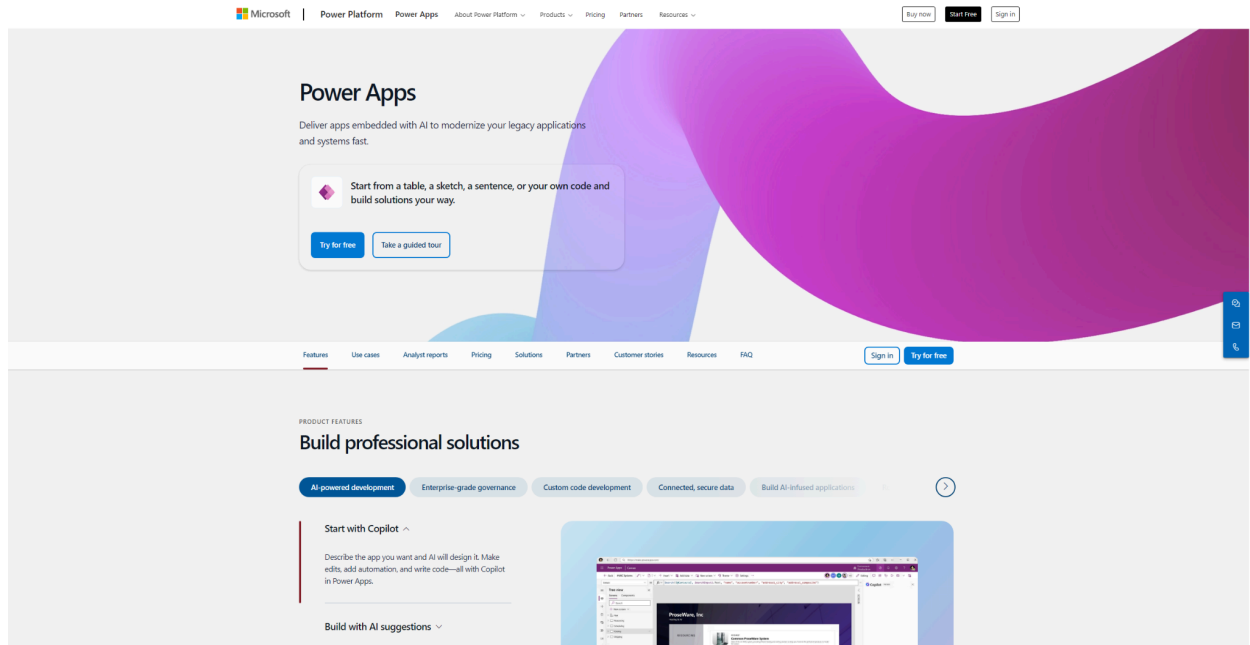
Power Apps

Power Apps is completely similar in accessing as that of Power Automate. Just like Automate, Apps uses Low-Code/No-Code format meaning that there is no language comprehension nor compiler that is needed to operate on the service. The app is available on any search engine just like Power Automate.

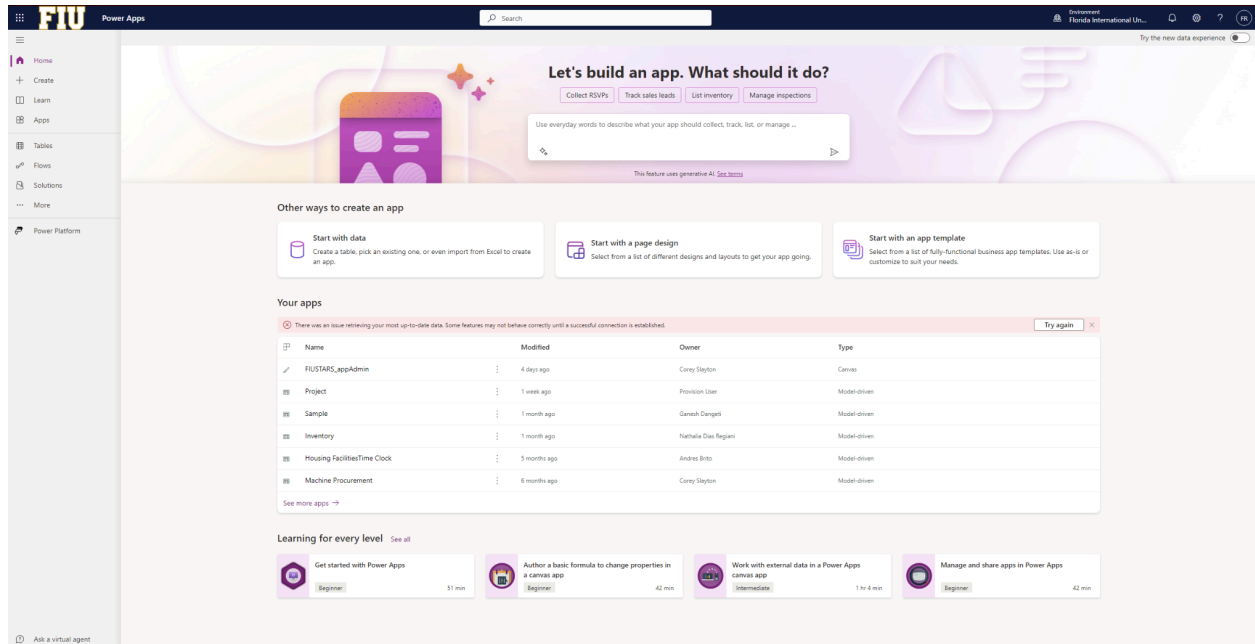
To begin, search Microsoft Power Apps in your preferred search engine or click on the following link:

<https://www.microsoft.com/en-us/power-platform/products/power-apps>

Clicking on the link will take to the following site:



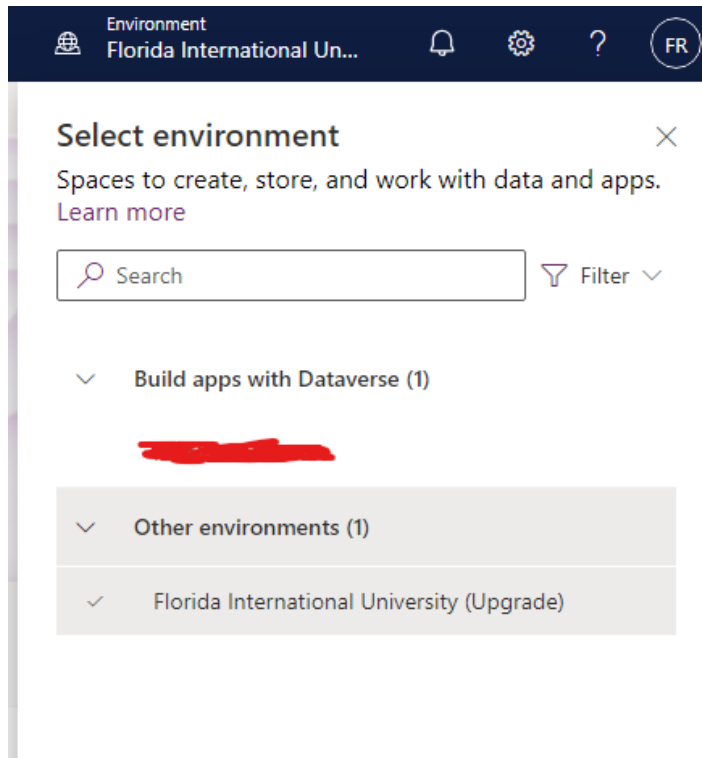
Click on the “Sign in” button to log in. Use your FIU email as well to log in. The results after logging in should present you with this page:



After getting to this page you are ready to begin working on your project.

Environment

An environment is a database that houses all created canvas apps and features. To ensure that you are in the correct environment where the project will be located, look on the top right of the page and see if for the environment it says “Florida International University (Upgrade)”.



If it is not selected, then click on the “Environment” box and click on the appropriate environment which will be located in “Other environments”

3.Maintenance

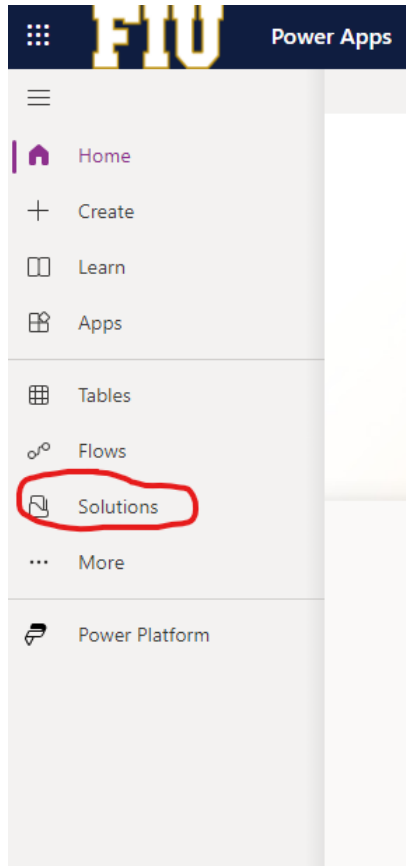
Since both Power Automate and Power Apps are found as websites, there is no need for you to be manually updating the apps if needed as Microsoft is handling it automatically. The only form of actual maintenance that is needed from you is to ensure that the flow and the app created are compatible with each other and can operate without any issues.

Flow Maintenance

The canvas app created will most likely have flows connected to it to ensure the app is able to perform complex actions, such as creating channels in Microsoft Teams for example. Microsoft has given the ability to allow users to see whether

their created flow has run or not during the interaction of the app and will note if any errors have been made.

To begin, Go to and log into the Microsoft Power Apps website. After logging in, look to the left where a select column can be found and chose “Solutions”



You will be then taken to a page that has several apps and features created by the users of the FIU environment. Search for an app that says FIU_STARS_CAPSTONE2_SPR24 or anything very similar to it.

Solutions					
 Set your preferred solution Select where your updates will be saved so your work stays organized.		Current preferred solution Common Data Services Default Solution			
 Unmanaged  Managed  All		Display name Name Created Version Publisher Solution check			
8a558c13-c1f7-4214-9600-61c5171a5984 - W...		Work_progress_track...	2 weeks ago	1.0.0.1	CDS Default Publisher
6d7e3a5e-5d38-4b5b-87ed-325373f6fcea - W...		Work_progress_track...	3 weeks ago	1.0.0.1	CDS Default Publisher
Expense Reporting		ExpenseReporting	3 weeks ago	1.0.0.0	SG
SOBEWFF Flex Time App		SOBEWFFFlexTimeApp	1 month ago	1.0.0.0	DavidGinder
Media library		Media_library_msoaf	1 month ago	1.0.0.1	CDS Default Publisher
b6a43568-c98d-458e-9d85-61450d62628c - ...		Work_progress_track...	1 month ago	1.0.0.1	CDS Default Publisher
Work progress tracker		Work_progress_track...	1 month ago	1.0.0.1	CDS Default Publisher
Weekly Timesheet Template - SP		WeeklyTimesheetTe...	1 month ago	1.0.0.4	AprilDunnam
Contoso2 Coffee		Contoso2Coffee	2 months ago	1.0.0.0	Contoso2
FIU_STARS_Capstone2_SPR24		FIU_STARS_Capstone...	3 months ago	1.0.0.1	Capstone2_SPR24_Team1
Work progress tracker		Work_progress_track...	5 months ago	1.0.0.1	CDS Default Publisher

Clicking it will take you to a page that will present many content of the app, such as the canvas apps and features. You will know which is a flow if in the same row as the name of the feature it says “cloud flow”. Clicking on the name of the flow will present a page that describes what the flow is, who is capable of editing it, who is the primary owner, and primarily the run history. In the run history, if a run is highlighted in green, then the flow has been used without incident. If it is red however, then that means there is an error that prevents the flow from working properly.

 Edit
  Save As
  Delete
  Send a copy
  Export
  Process mining (preview)
  Turn off
  Repair tips off

Florida International University (Upgrade) > Cloud flows > FIUSTARS_Add_Accepted_Student

Details

Flow

FIUSTARS_Add_Accepted_Student

Primary owner

KFSCIS STARS Capstone A

Status

On

Created

Jun 19, 05:48 PM

Modified

Jul 24, 01:36 PM

Type

Automated

Plan

This flow runs on owner's plan

28-day run history

Start

Duration

Status

Jul 26, 12:03 PM (1 d ago)

668 ms

Failed

Jul 26, 12:02 PM (1 d ago)

00:00:05

Failed

Jul 24, 01:40 PM (3 d ago)

518 ms

Failed

Jul 24, 01:39 PM (3 d ago)

515 ms

Failed

Jul 24, 01:38 PM (3 d ago)

00:00:01

Failed

Jul 24, 01:19 PM (3 d ago)

00:00:30

Failed

Jul 24, 01:13 PM (3 d ago)

00:00:25

Failed

Jul 24, 01:11 PM (3 d ago)

00:00:24

Failed

Jul 24, 01:10 PM (3 d ago)

00:00:24

Failed

Jul 24, 12:51 PM (3 d ago)

402 ms

Failed

Connection References

capstone_sharedescalonlinebusiness_e92b8

starscape@fiu.edu

SharePoint FIU_STARS_Capstone2_SPR24-03abd

fiu001@fiu.edu

Microsoft Teams

fiu001@fiu.edu

Co-owners

Set primary owner

Share

Solutions

Solution Name

Managed

FIU_STARS_Capstone2_SPR24

No

Process mining (preview)

Average run duration

00:00:03

Improve your flow

Associated apps and flows

1 associated apps

FIUSTARS_appAdmin

New Item

Associated

To see what went wrong, click on the date that the flow was running on which failed. Clicking on it will take you to a page that reveals the low-code creation of the flow and marking on each step of the flow. The green mark states that the step

is operating correctly and the red mark states that the step ran into an error and stopped working. The run history does a good job in troubleshooting the issue and will inform you the reason as to why a particular step didn't work.

The screenshot displays a flow editor window titled "FIUSTARS_Add_Accepted_Student - Run at 7/26/2024 12:03:31 PM". The flow consists of five steps: "When an item or a file is modified", "List rows present in a table", "Compose", "Add a member to a team", and "BadRequest". The "Add a member to a team" step is highlighted with a red error icon. Below the flow, the "Inputs" section shows "Team" as "FIU STARTS TESTING" and "User" as "outputs('Compose')[0]['email']". The "Outputs" section shows a JSON response with an error: "BadRequest". The "Run Details" panel on the right shows the start time as "Jul 26, 12:03 PM (1 d ago)" and the duration as "666". The error message is: "Navigation binding uri for the property 'user@odata.bind' has unexpected resource path. ExpectedResourcePath: /users/. Unable to extract object." The "How to fix" section suggests: "To make this flow work, inspect the inputs this action and ensure they would provide correct inputs."

To edit the flow to make the appropriate changes on it, you can either click edit in the flow preview screen which will take you to the editing version of the flow where changes can be made, or in the page that describes the flow you can also find the edit button on the top of the page which will allow you to edit the flow as well.

Once the appropriate changes have been made, you can click on save which is found on the top left of the editing page and the app will save the new version of the flow.

Note: The canvas app of the project will not describe any errors it has encountered. It serves merely as an interactive interface and is made primarily to run the codes from the flow with its GUI. Therefore it is critical to examine the flow itself to see if any problems have come up.