

World Cup 2022 Prediction Game

Overview and Step-by-Step Deployment Guide



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Overview

World Cup 2022 Prediction Game is a Microsoft [Power Platform](#) based free, fun app that you can deploy within your organization to get your colleagues excited about the WORLD CUP 2022. The app, built using Microsoft [Power Apps](#), and [Power Automate](#), deeply integrates with Teams.

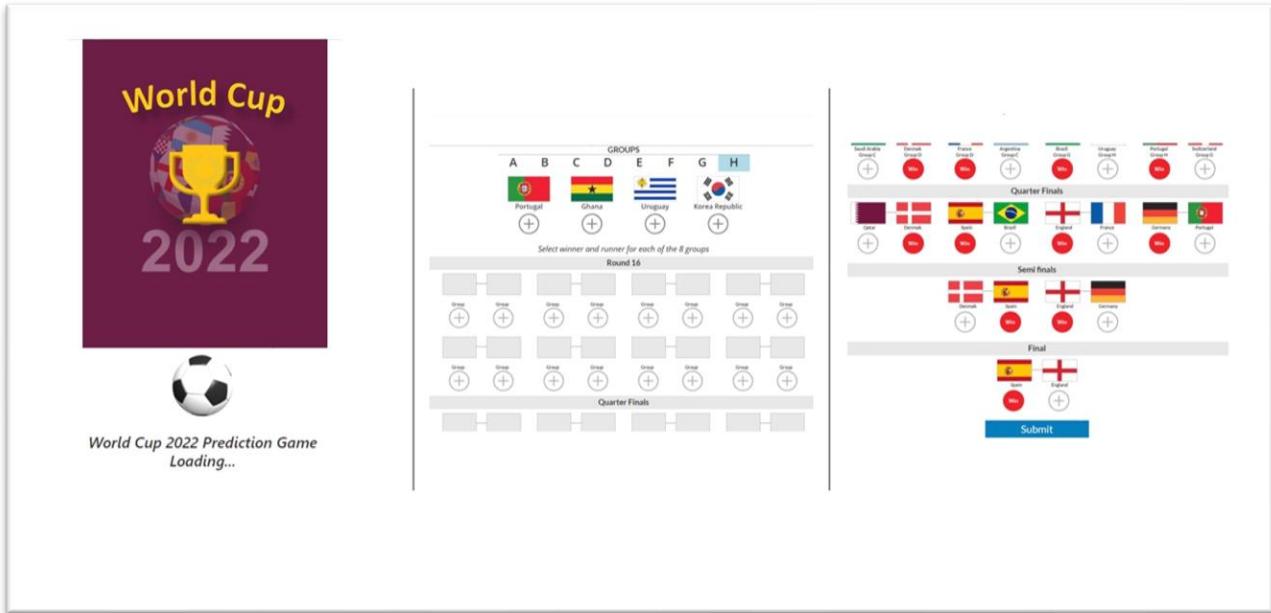
World Cup 2022 Prediction Game is a new version of the "[World Cup 2018 Prediction Game with PowerApps](#)" that released on June 8, 2018.

What is New?

- Dataverse for Teams solution
- New version of end-user app and a new canvas admin app for administration and configurations
- Power Automate based calculation for score calculation
- Sharing "My Favorite Team" with colleagues
- Microsoft Teams posts and notifications for user engagements
- Responsive design for mobile, tablet and desktop

Quick View

The end-user app enables users to pick their favorite teams to win each round all the way to the world cup winner. Players with the highest number of accurate predictions win the game.



Once users make their selections, they can check out the leaderboard and can join the discussions.

MY SELECTIONS
RESULTS
LEADERBOARD

Round of 16

Quarter Finals

											
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Semi finals

					
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Final

		
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RESET
My Selections
SHARE
My Favorite
JOIN
Conversations

Your last calculated score: 210

Rank	Top 1000 Players	Score
1	 Diego Siciliani	780
2	 Lidia Holloway	720
3	 Pradeep Gupta	670
4	 Lee Gu	660
5	 Nestor Wilke	600
6	 Miriam Graham	580
7	 Grady Archie	560
8	 Allan Deyoung	480
10	 Lynne Robbins	410
11	 Johanna Lorenz	340
12	 Irvin Sayers	320
13	 Megan Bowen	300

Sharing function enables users to share their favorite team of World Cup 2022 tournament based on the user's winner selection of final round. An adaptive card is posted to a World Cup fun TEAMs channel that was selected by Admin app. Also, users can join the conversations of this selected World Cup fun team.

Allan Deyoung 10:58 PM
World Cup 2022 Prediction Game

My favorite team in the World Cup 2022!

Spain

🏆

Collapse all

Diego Siciliani 11:08 PM
They have very talented players but Brazil is still my favorite🎉 100 🎉

See less

Pradeep Gupta 11:12 PM
I expect good results from the Qatar team this tournament.

Reply

Deployment Guide

This step-by-step guide lets you deploy the World Cup 2022 Prediction App to your selected Teams Environment. Please follow and complete the pre-requisites step first and then start to deployment of the app.

Prerequisites

Follow the steps below in this section to be ready to continue deployment guide and deployment of the app.

- Global Administrator and Teams Service Administrator rights
- License Requirements
- Security Group for End-Users (targeted game users)
- Enable Custom Apps, Power Apps, Power Platform for Microsoft Teams
- Create Admin (required) and End-User (optional) teams

Limitations

- Maximum end-users (game users) limit 60,000 per teams' environment. It is possible to create multiple admin team and deploy the app solution to multiple teams environment.
- Top 1000 users are listed in Leaderboard screen.
- By default, the security group size limit is 10,000 members.

License Requirements

The app is a “**Dataverse for Teams**” solution and uses cloud storage off related Teams environment. This new Dataverse feature is powered by **Power Platform** enhancement in **Teams** that provide enterprise datastores with rich data types to Microsoft 365 users and is now included in **Microsoft 365 and Office 365 licenses**.

Users can reach the app with TEAMS client or web application; a proper Microsoft 365 and Office 365 licenses should be assigned to users to reach Microsoft TEAMS.

Security Group

The end-user app can be broad distribution within Dataverse for Teams. With broad distribution apps, you can take an app that was built within a Teams team and share it with other users of your company who's not a member of related team.

You need to create or choose a **security enabled Microsoft 365 group** or **Azure Active Directory** security group to share with, so group members install and use your app. All targeted users for the World Cup Prediction Game App should be members of this security group.

Important Note:

- You can share an app to a **single security group**.
- If you want to share the app to a Microsoft 365 group, it must be **security enabled**.
- The security group's membership type must be **Assigned**. More information: [Group membership types in Azure Active Directory](#)
- Your **Power Apps administrator** may have applied the limit to the maximum size of the security group. By default, this limit is **10,000 members**. More information: [List tenant settings \(preview\) - powerPlatform.teamsIntegration.shareWithColleaguesUserLimit, Set-TenantSettings](#)

Enable Custom Apps, Power Apps, Power Platform for Microsoft Teams

Check your [org-wide app settings](#) for custom apps (*The World Cup Prediction Game will be deployed as custom app*) and your [permission policies](#) to allow Power Apps and Power Automate.

Teams for Admins and End-Users

The World Cup Prediction App solution package should be imported to the Teams specific Power Platform environment. A Microsoft Teams team required to enable this environment. The app solution package contains 2 canvas apps, (an admin app, and an end-user app) tables, flows and connections references. All solution components will be deployed to this admin team environment in the next deployment steps. The admin app will be published to the World Cup Admin Teams team.

Create Game Admins Team (Required)

Create a **private** Microsoft Teams team for game admins. The game admins manage and configure the World Cup 2022 Prediction Game and solution components. Do not add end-users (target game users of the app) as members to this team, only game admins should be a member or owner of this team.

End-Users Team (Optional)

End-users can share their favorite team of the World Cup Tournament and can join the conversations in selected Microsoft Teams channel. You can create a Microsoft Teams team or choose a team from existing Microsoft Teams for the World Cup Prediction Game fun conversations, otherwise “**Share My Favorite Team**” feature will be disabled by design.

Note:

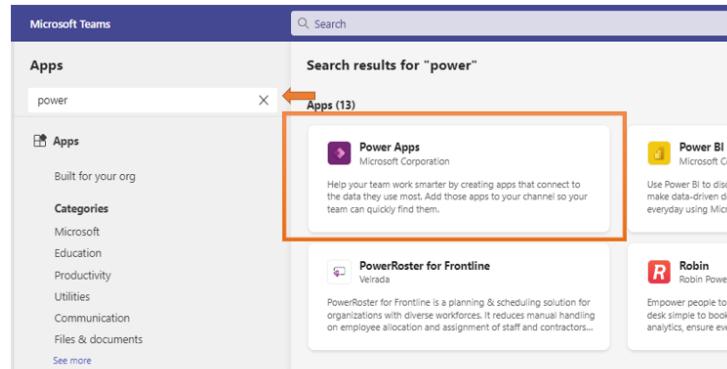
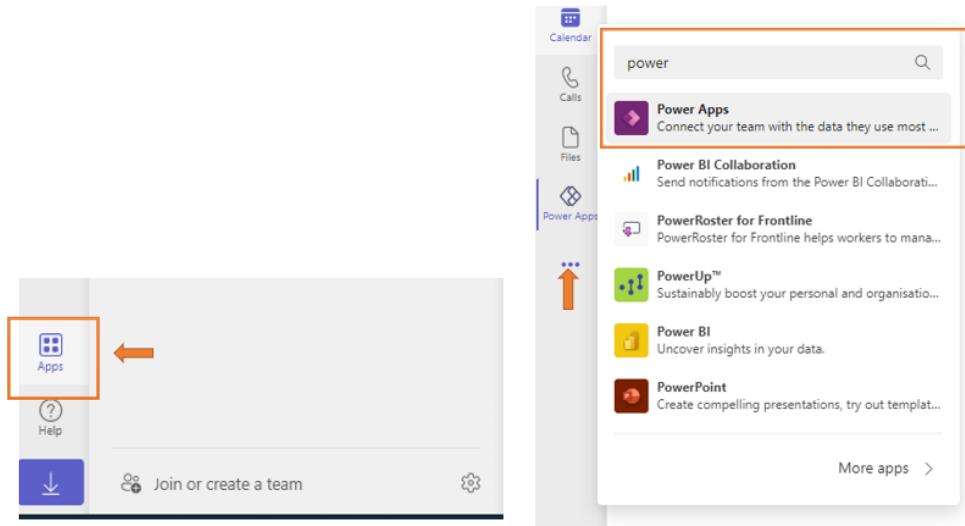
- You can create a **public** Microsoft Teams team for end-users (targeted game users). Everyone in the organization can see the public teams and join without approval from the team owner (up to 10,000 members). End-users should join the public team first for using the “Share My Favorite Team” feature of the app and to contribute teams’ conversations. If you prefer to create a public team for users, you need inform your targeted game users to join this team before using the app.
- You can also create a **private** Microsoft Teams team for end-users, but you need to add your targeted users to private team as member or ask users to send join request to team owners.
- If you plan to create an **org-wide** team (not recommended) please [check the limitations](#) first.
- For using the “**Share Your Favorite Team**” feature of the app, user must be the member of the selected team and also should have rights to post message to selected Teams channel.

Deployment Steps

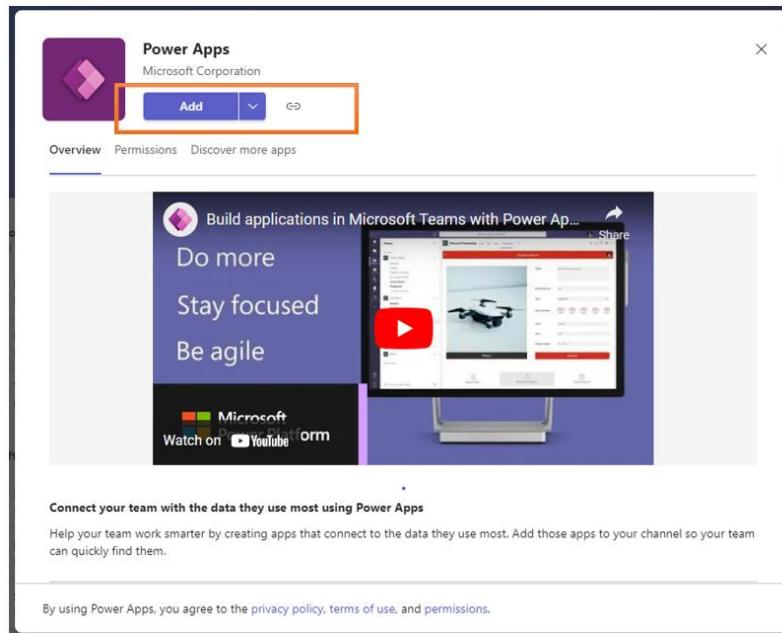
Please follow the step-by-step guide to deploy World Cup 2022 Prediction Game App. Approximate deployment time ~30 min.

Provision of a Power Platform Environment

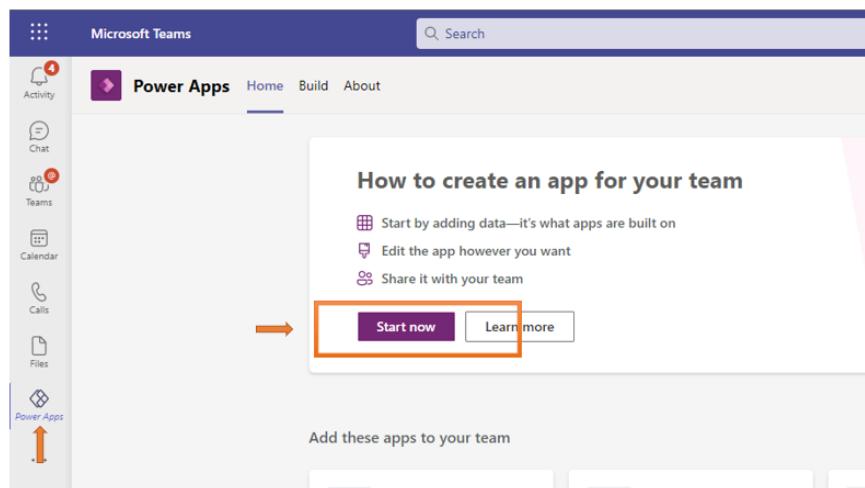
1. Go to your Microsoft Teams client or web application. Select “**Apps**” or from the left-pane, select ... (ellipsis). Search for “**Power Apps**” then click the “**Power Apps**” app.



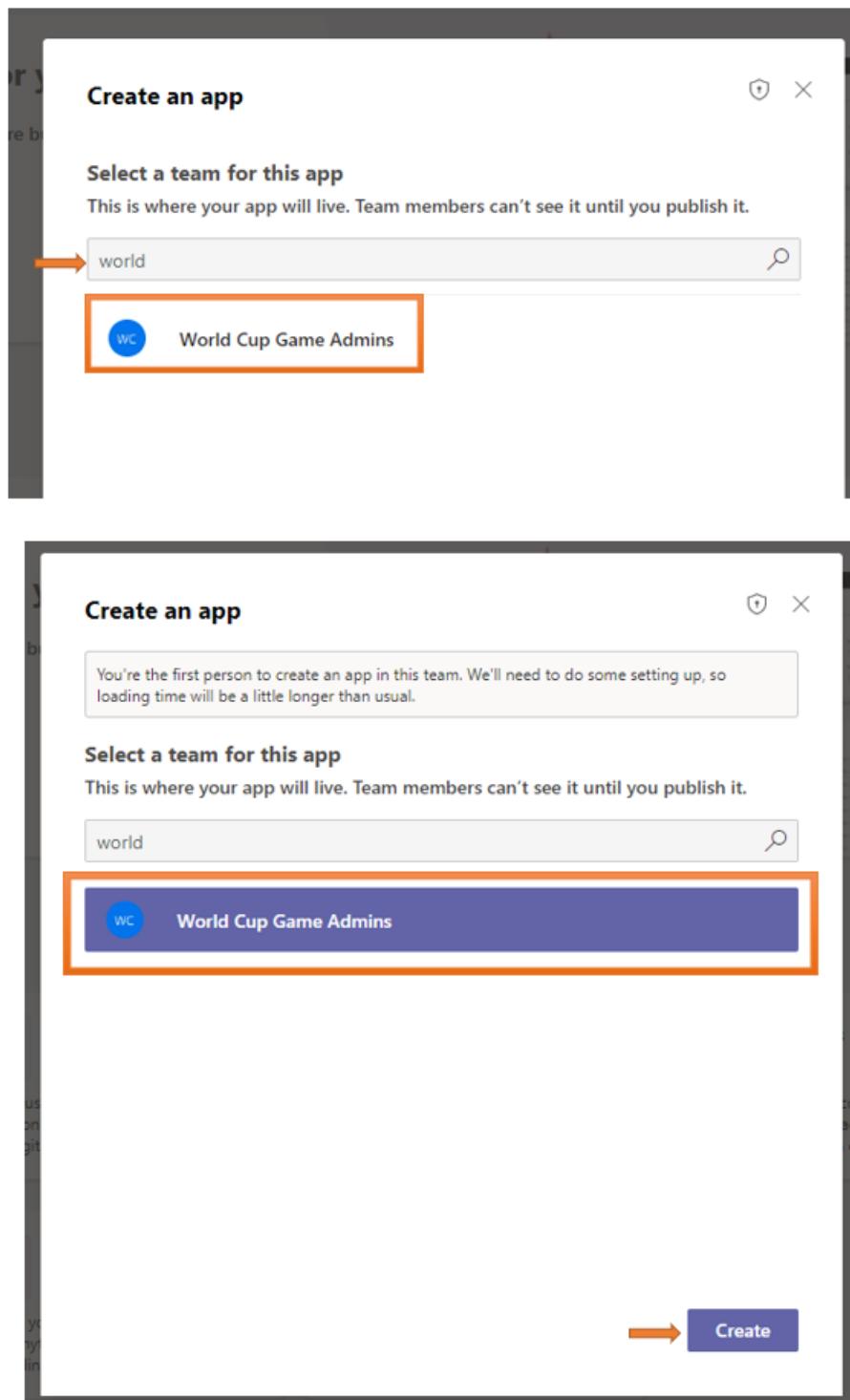
2. Click “**Add**”.



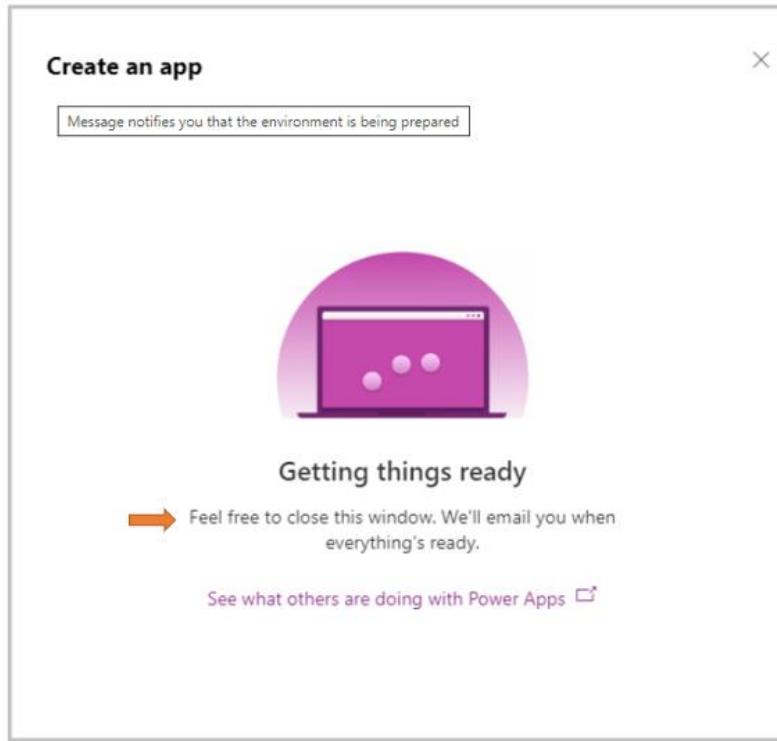
3. Click "Start Now"



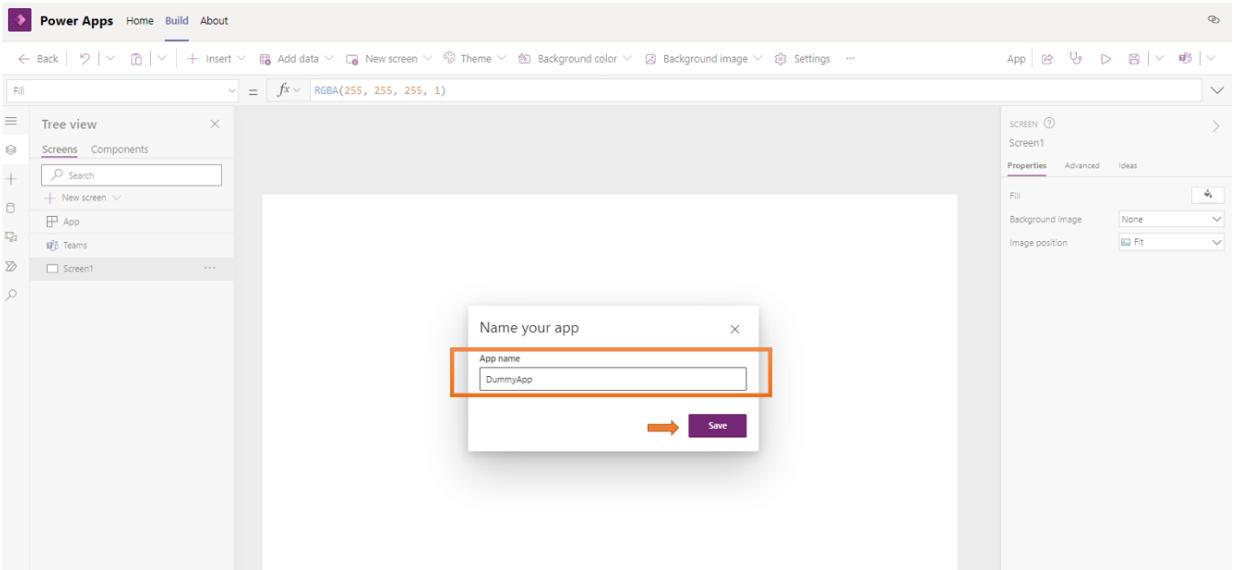
4. Search for your admins team that you created at [pre-requisites](#) steps. Then click "**Create**" after selecting the game admins team.



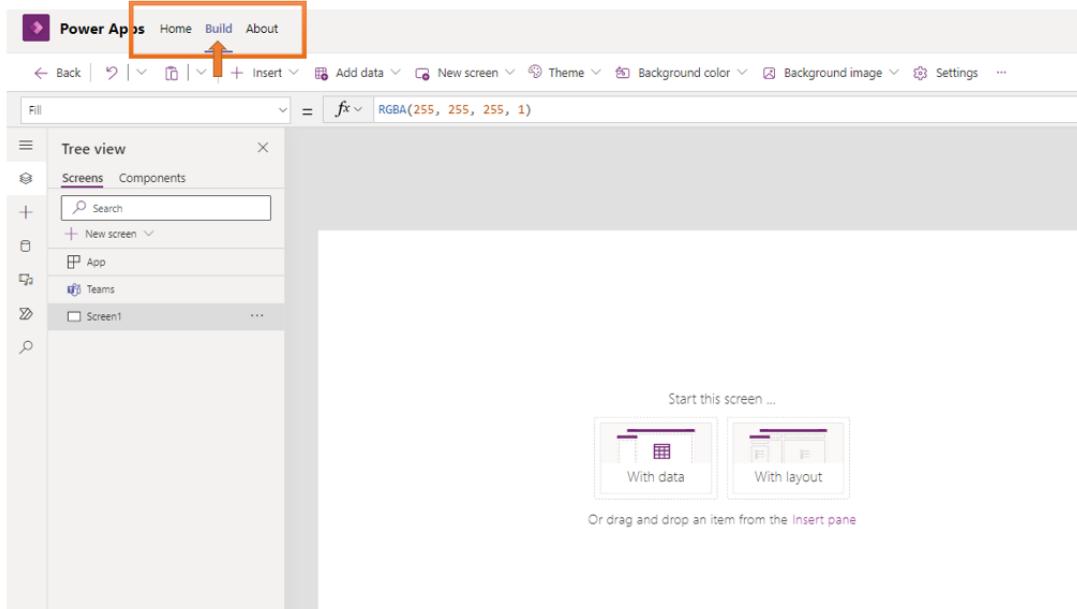
5. You will be redirected to “**Create an app**” page. You can close this window. Teams will notify you when everything’s ready. Teams will be provisioning a Power Platform environment for admin team, and it takes 5-10 minutes to complete.



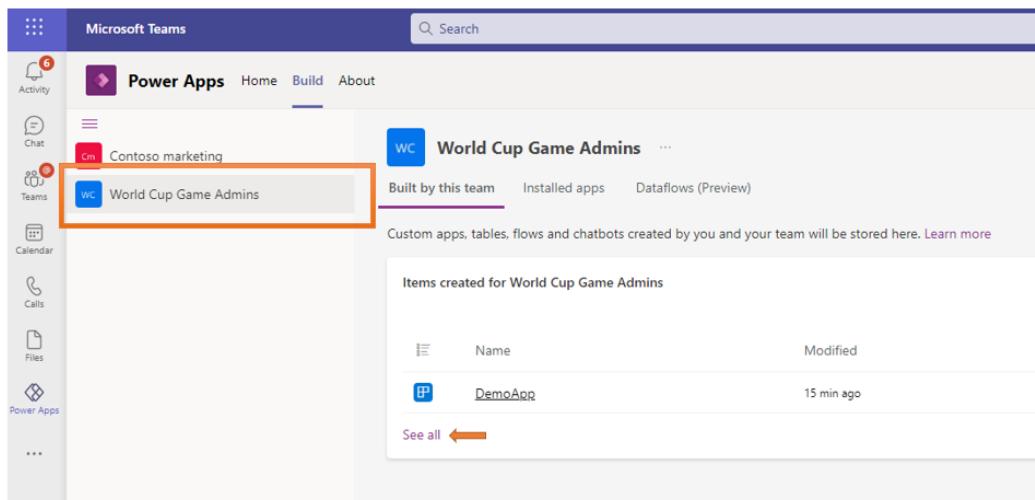
6. Give a name like "**DummyApp**" and "**Save**". Creating a dummy app **required to** browse apps and import solution page.



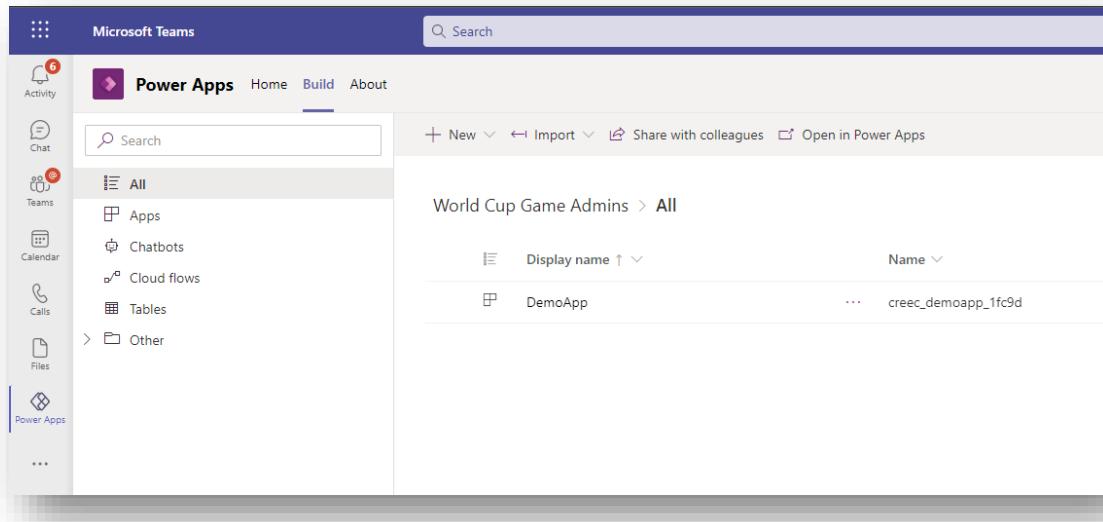
7. Click "**Build**" on Power Apps Ribbon



8. Make sure you select your **admin teams' environment** on the left side menu, then click "**See all**".

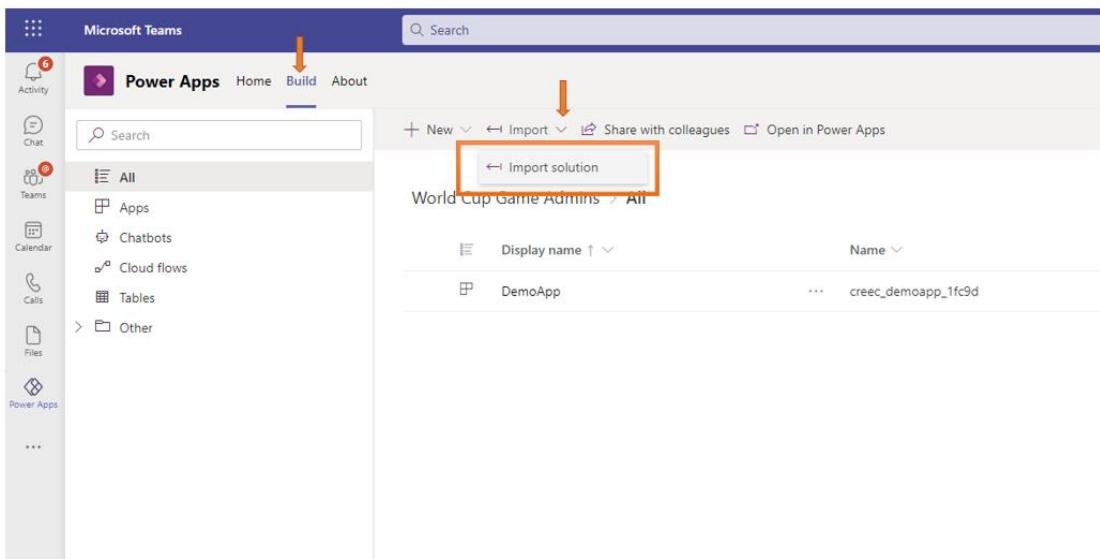


9. You can continue with import solution package steps in next chapter.

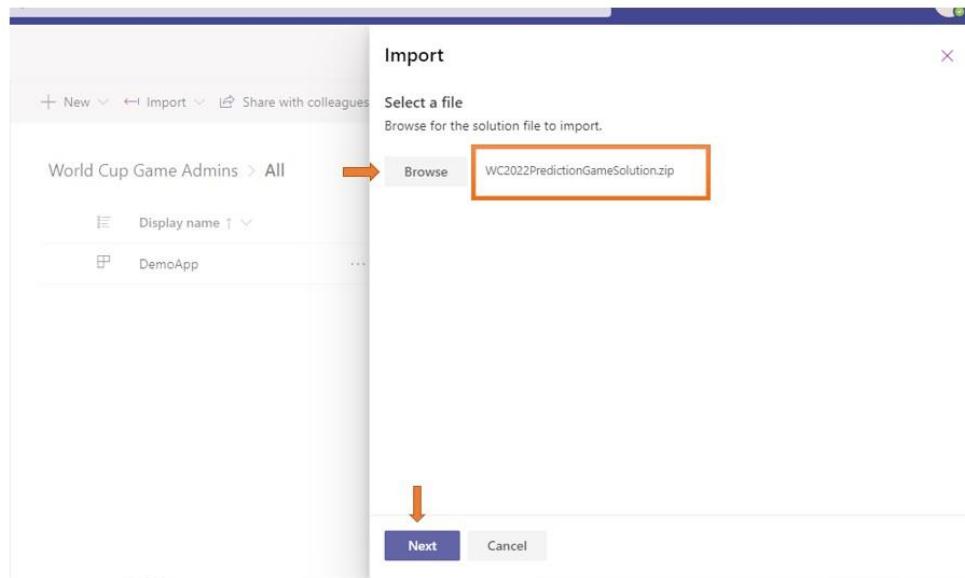


Download and Import Solution Package

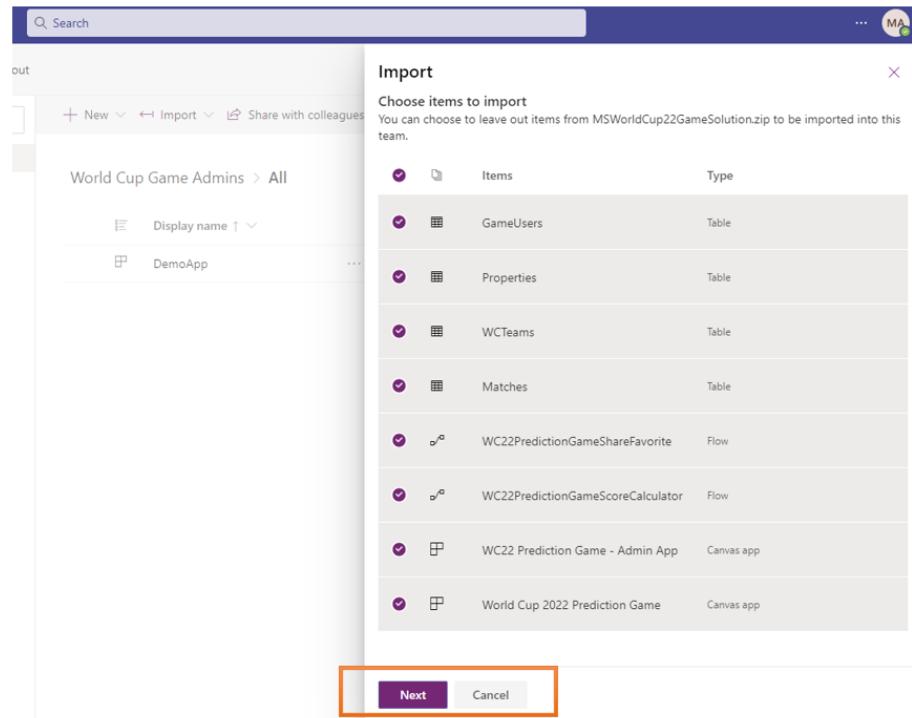
1. Download the "**WC22PredictionGameSolution.zip**" solution package from [here](#).
2. If you close your power apps that enabled in previous chapter, then go to your Teams client or web application. Find Power Apps app (enabled in previous chapter) then click "**Build**". Select your **environment** (admin team) and then click "**See all**" link. Click "**Import Solution**" under Import dropdown.



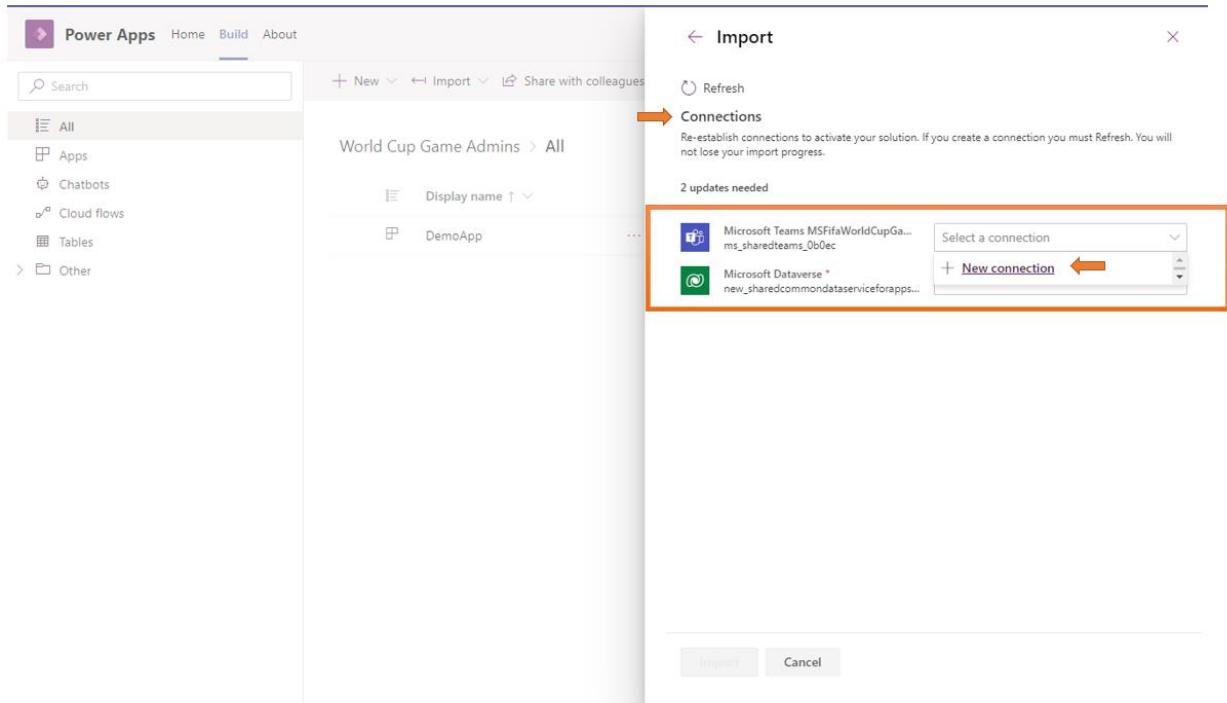
3. Browse and select "**WC22PredictionGameSolution.zip**" package then click "**Next**".



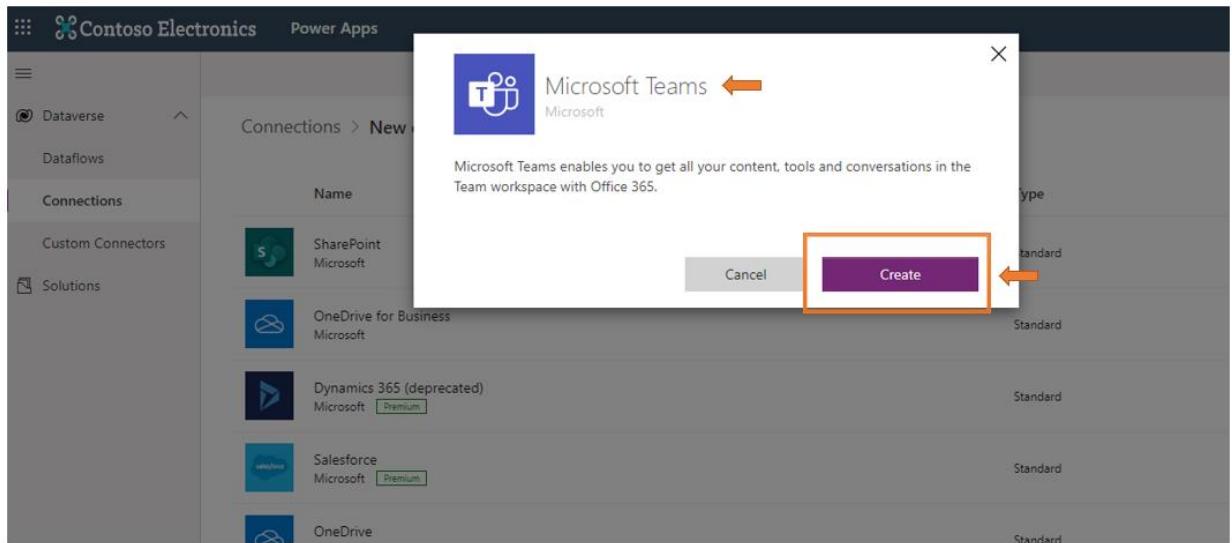
4. Make sure that all components are selected and then Click "Next".

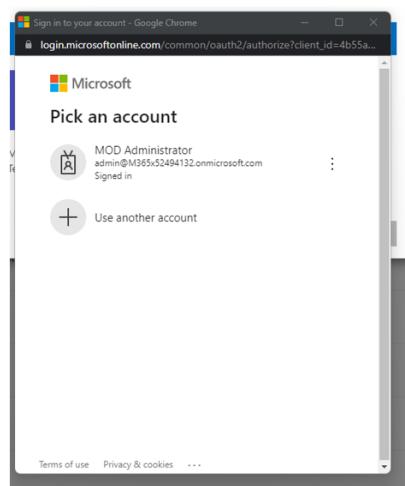


5. Two **connection reference** required to continue to import solution. Select Microsoft Teams connection dropdown and click "**New Connection**". It will redirect you to the new Connection page.



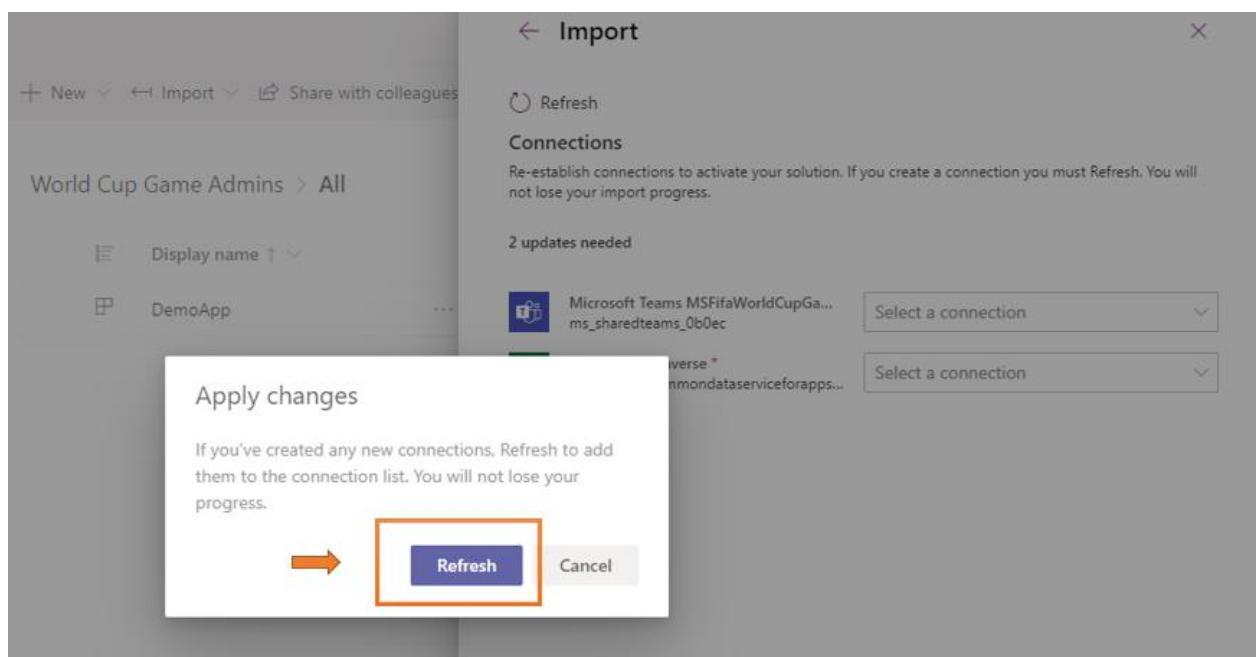
6. Click “**Create**” on the new connection page then **login** with your account in login pop-up. You can **go back to Teams Power Apps** import screen after connection reference created.



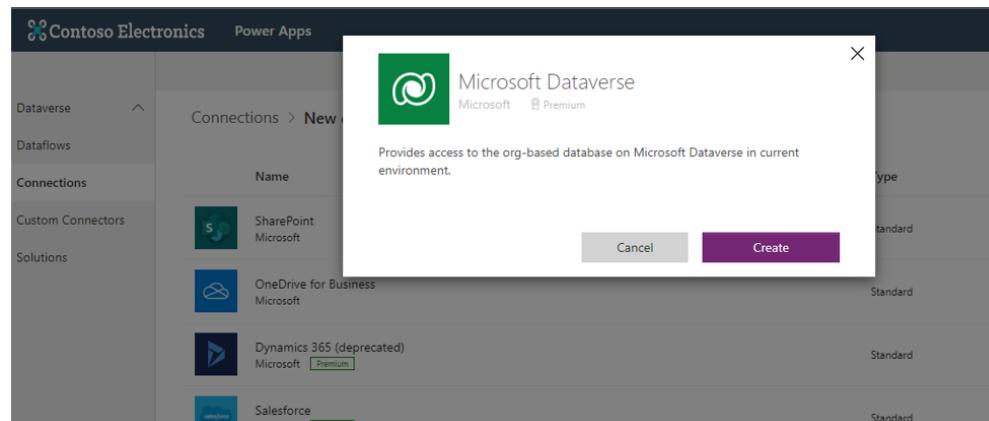
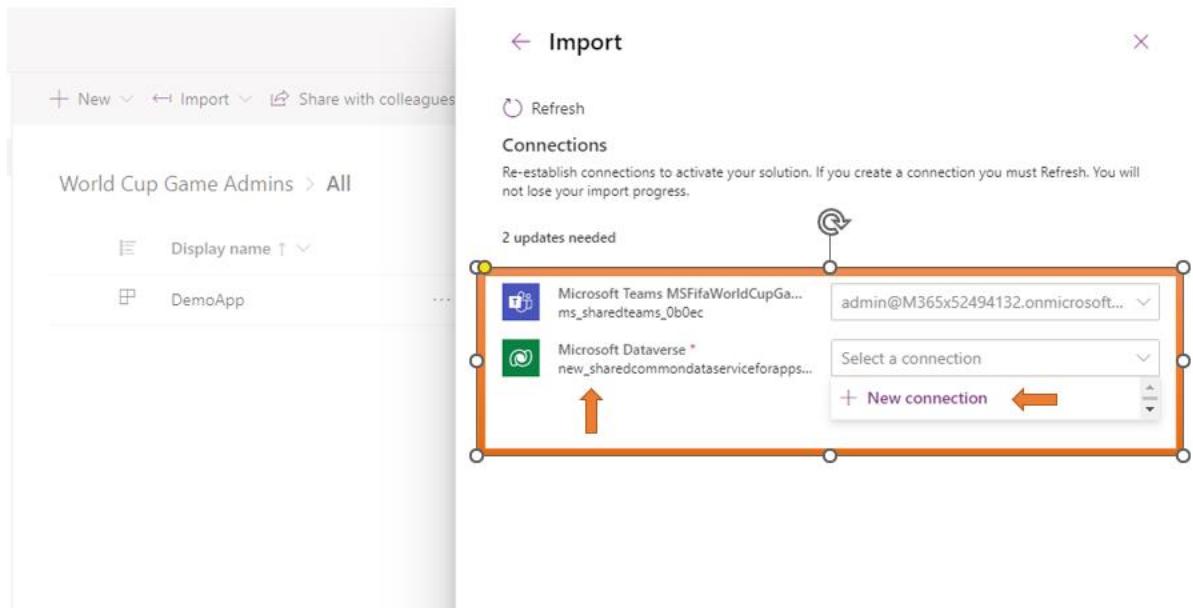
A screenshot of the Microsoft Teams Connections page for the "World Cup Game Admins" team. The page has a header with a "New connection" button and a "Connections in World Cup Game Admins" section. Below is a "Canvas" button. The main area shows a table of connections. One connection is highlighted with an orange border: "admin@M365x52494132.onmicrosoft.com" (Microsoft Teams), modified "2 sec ago", and status "Connected".

Name	Modified	Status
admin@M365x52494132.onmicrosoft.com Microsoft Teams	... 2 sec ago	Connected

7. Click “**Refresh**” on Apply Changes pop-up.



8. Apply previous steps (5th, 6th and 7th) to create new “Microsoft Dataverse” connection reference.



The screenshot shows the 'Connections' section in the Power Apps portal. A table lists two connections:

Name	Modified	Status
admin@M365x52494132.onmicrosoft.com Microsoft Dataverse	1 sec ago	Connected
admin@M365x52494132.onmicrosoft.com Microsoft Teams	1 min ago	Connected

9. Continue with "**Import**" after all required connections created.

The screenshot shows the 'Import' dialog in the Power Apps portal. It displays two required connections:

- Microsoft Teams MSFifaWorldCupGa... ms_sharedteams_0b0ec
- Microsoft Dataverse * new_sharedcommondataserviceforapps...

An orange arrow points to the 'Import' button at the bottom right of the dialog.

10. **Wait** for importing process **completed** successfully.

The image contains two side-by-side screenshots of the Microsoft Power Apps portal. Both screenshots show the same interface: a left sidebar with 'Power Apps' logo, 'Home', 'Build', and 'About' tabs; a top navigation bar with 'Search', '+ New', 'Import', 'Share with colleagues', 'Open in Power Apps', and 'Search' button; and a main content area titled 'World Cup Game Admins > All' displaying a table of apps.

Screenshot 1 (Top): An orange arrow points from the 'Import' button in the top navigation to a message box in the center of the screen. The message box contains the text: 'Currently importing customizations from file "MSWorldCup22GameSolution.zip".'

Screenshot 2 (Bottom): An orange arrow points from the 'Import' button in the top navigation to a message box in the center of the screen. The message box contains the text: 'Customizations from file "MSWorldCup22GameSolution.zip" imported successfully.'

11. Click the “**Build**” tab and select your **environment** (the admin teams’ environment) then click “**See All**”. All solution package components will be listed on “**See All**” page.

Power Apps Home Build About

Contoso marketing

WC World Cup Game Admins

Built by this team Installed apps Dataflows (Preview)

Custom apps, tables, flows and chatbots created by you and your team will be stored here. Learn more

Items created for World Cup Game Admins

	Name	Modified
	DemoApp	41 min ago
	WC22 Prediction Game - Admin App	3 min ago
	World Cup 2022 Prediction Game	3 min ago
	GameUsers	4 min ago
	Matches	4 min ago
	Properties	4 min ago

[See all](#)

Microsoft Teams

Activity Chat Teams Calendar Calls Files Power Apps

Power Apps Home Build About

Search

+ New Import Share with colleagues Open in Power Apps

World Cup Game Admins > All

Display name	Name	Type	Last Modified	Owner	Status
Appdemo	cr8fc_appdemo_756cf	Canvas App	8 hours ago	MOD Adminis...	Off
GameUsers	ms_gameusers	Table	2 hours ago	-	On
Matches	ms_matches	Table	2 hours ago	-	On
Microsoft Dataverse	new_sharedcommndataserviceforapps_30613	Connection Reference	2 hours ago	MOD Adminis...	Off
Properties	ms_properties	Table	2 hours ago	-	On
WC22 Prediction Game - Admin App	ms_wc22predictiongameadminapp_d973b	Canvas App	48 minutes ago	MOD Adminis...	On
WC22CalculatorMatches49	WC22CalculatorMatches49	Cloud Flow	2 hours ago	MOD Adminis...	On
WC22CalculatorMatches50	WC22CalculatorMatches50	Cloud Flow	2 hours ago	MOD Adminis...	On
WC22CalculatorMatches51	WC22CalculatorMatches51	Cloud Flow	2 hours ago	MOD Adminis...	On
WC22CalculatorMatches52	WC22CalculatorMatches52	Cloud Flow	2 hours ago	MOD Adminis...	On
WC22CalculatorMatches53	WC22CalculatorMatches53	Cloud Flow	2 hours ago	MOD Adminis...	On
WC22CalculatorMatches54	WC22CalculatorMatches54	Cloud Flow	2 hours ago	MOD Adminis...	On
WC22CalculatorMatches55	WC22CalculatorMatches55	Cloud Flow	2 hours ago	MOD Adminis...	On
WC22CalculatorMatches56	WC22CalculatorMatches56	Cloud Flow	2 hours ago	MOD Adminis...	On

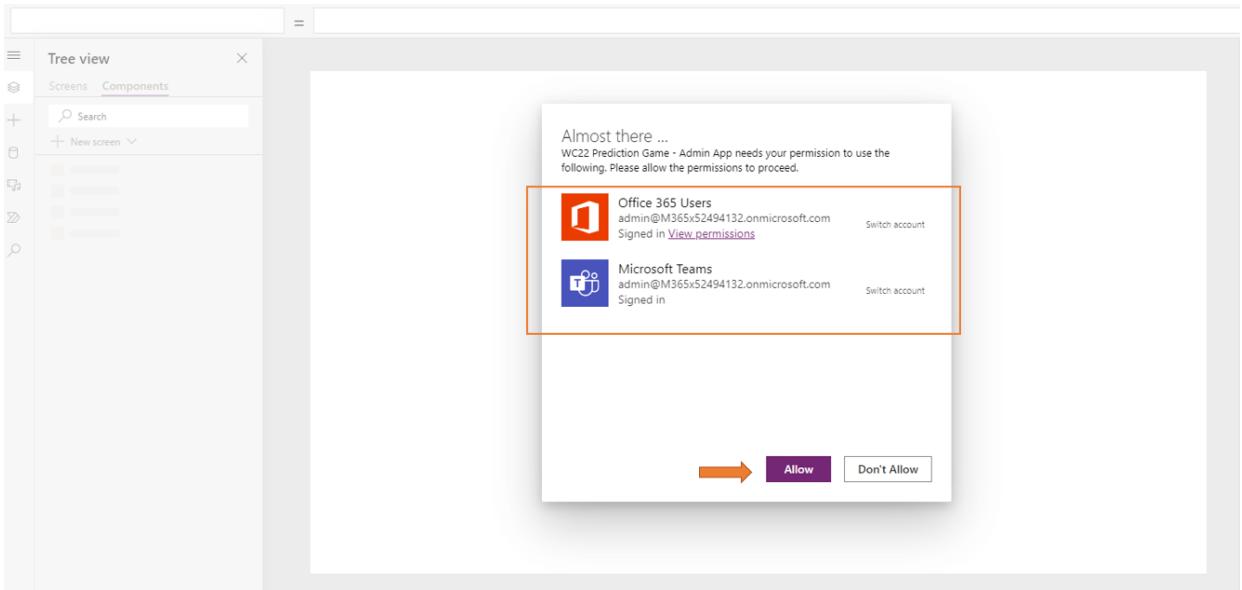
Publish The Game Admin App to the Admin Team

1. If you close your Power Apps, then go to your Teams client or web application. Find Power Apps app “...” (ellipsis) and open. Then click “Build” tab. Select your environment (admin team) and then click “See all” link. Click the “**WC22 Prediction Game – Admin App**” app. (or you can select the app then click the **Edit** button)

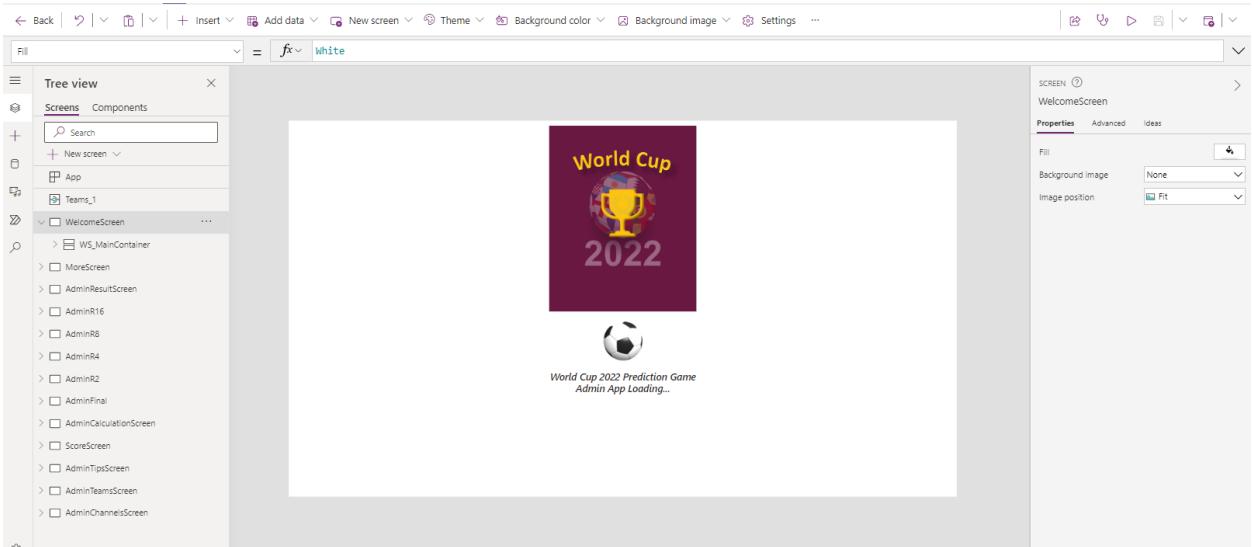
The screenshots show the Microsoft Power Apps interface. The top screenshot displays the 'Build' tab selected, with the 'WC22 Prediction Game - Admin App' entry highlighted. An orange arrow points to the 'Edit' button. The bottom screenshot shows the 'Edit' button being clicked, with an orange arrow pointing down to it.

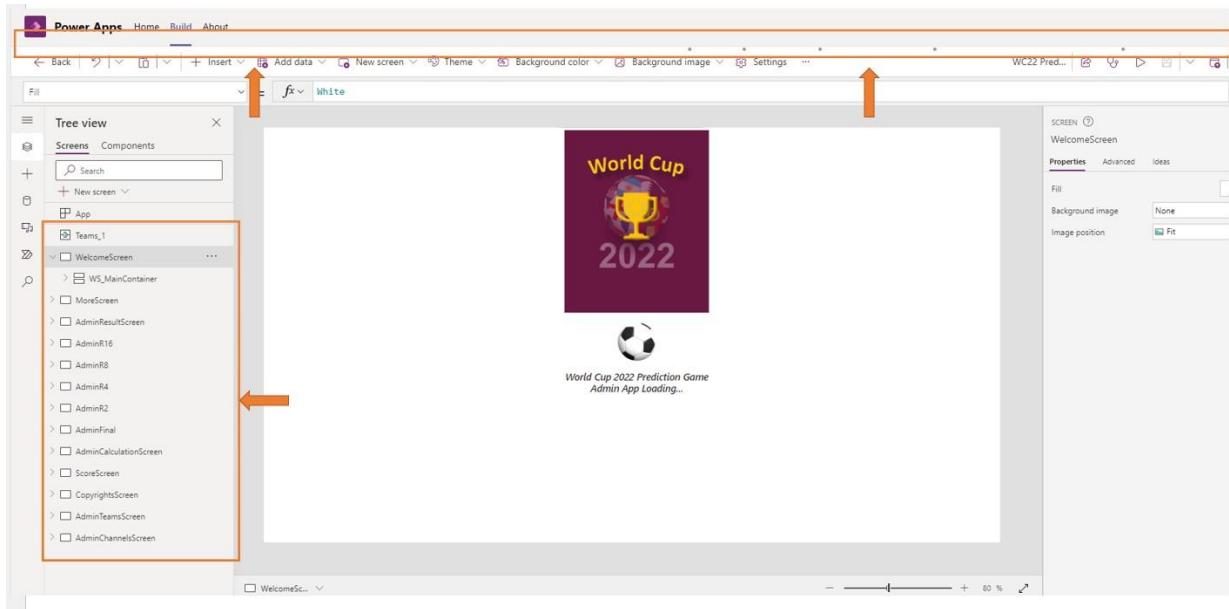
Display name	Name	Type
Appdemo	cr8fc_appdemo_756cf	Canvas App
GameUsers	ms_gameusers	Table
Matches	ms_matches	Table
Microsoft Dataverse	new_sharedcommondataserviceforapps_30613	Connection Reference
Microsoft Teams WC22PredictionGameSolution-0t	ms_sharedteams_0b0ec	Connection Reference
Properties	ms_properties	Table
WC22 Prediction Game - Admin App	ms_wc22predictiongameadminapp_d973b	Canvas App
WC22CalculatorMatches49	WC22PredictionGameAdminApp_d973b_CalculatorMatches49	Cloud Flow
WC22CalculatorMatches50	WC22CalculatorMatches50	Cloud Flow
WC22CalculatorMatches51	WC22CalculatorMatches51	Cloud Flow
WC22CalculatorMatches52	WC22CalculatorMatches52	Cloud Flow
WC22CalculatorMatches53	WC22CalculatorMatches53	Cloud Flow
WC22CalculatorMatches54	WC22CalculatorMatches54	Cloud Flow
WC22CalculatorMatches55	WC22CalculatorMatches55	Cloud Flow
WC22CalculatorMatches56	WC22CalculatorMatches56	Cloud Flow

2. Sign in with your account and then Click “**Allow**”.

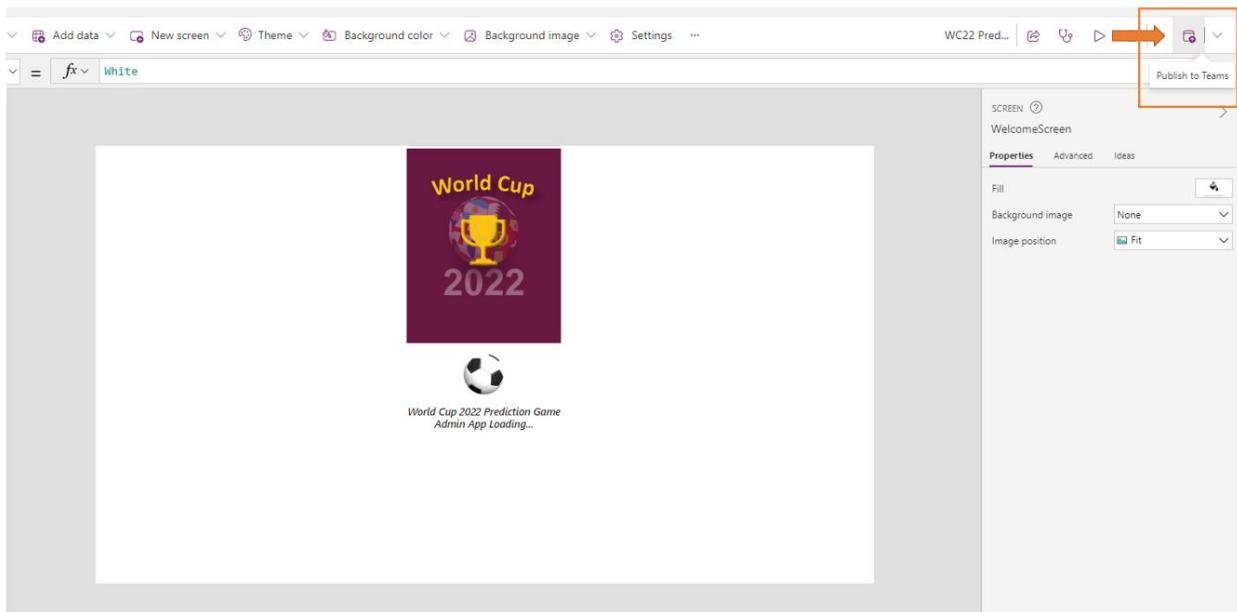


Important : Please wait for all screens loaded, all loading operations completed (loading “dots” ... must be disappeared on the top of the app editor)

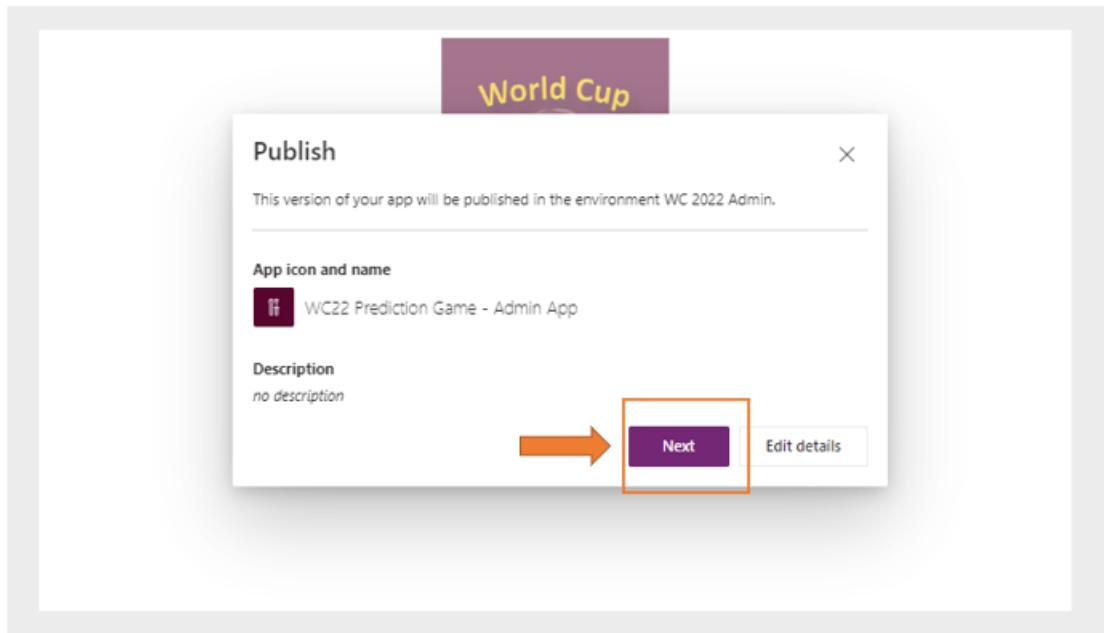




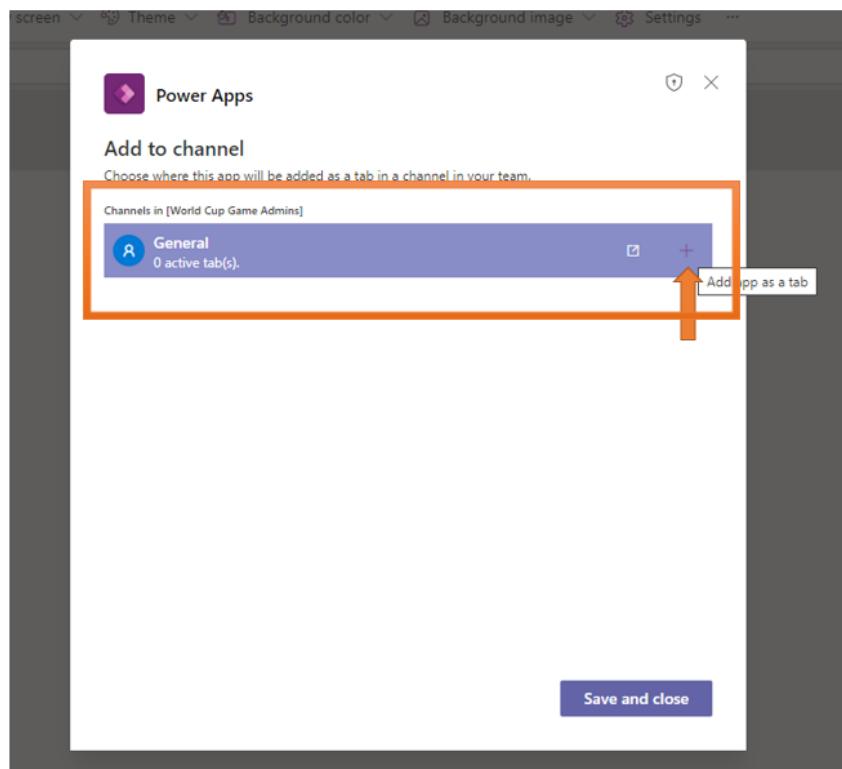
3. Click “Publish to Teams” after all loading operations are completed.

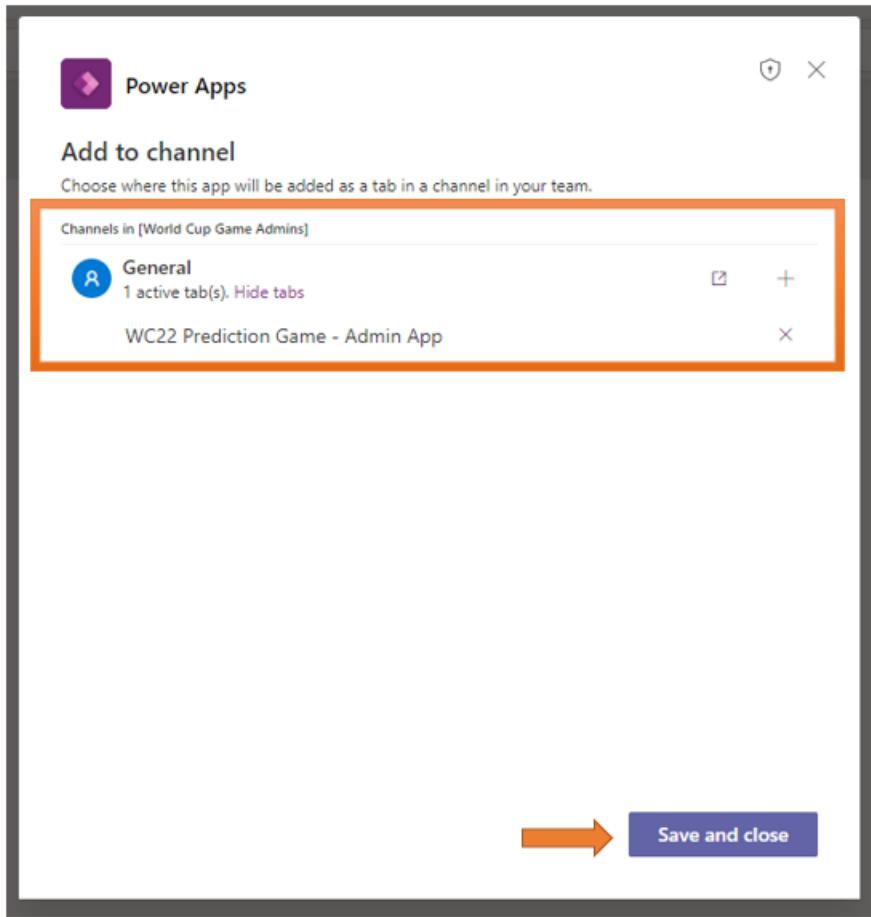


4. Select “Next” (You can also edit App details before clicking the Next)

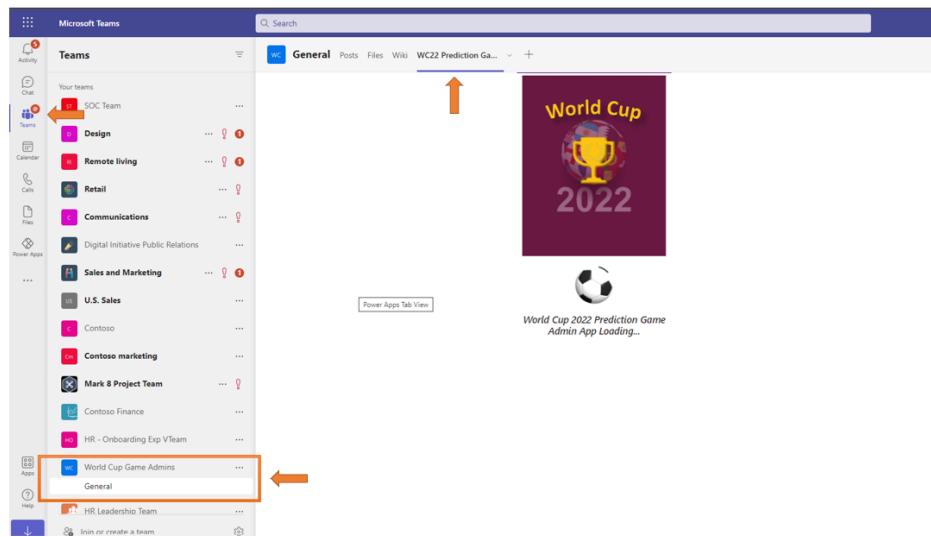


5. Click “+” plus icon on the selected **Channel** and then click “Save and close”





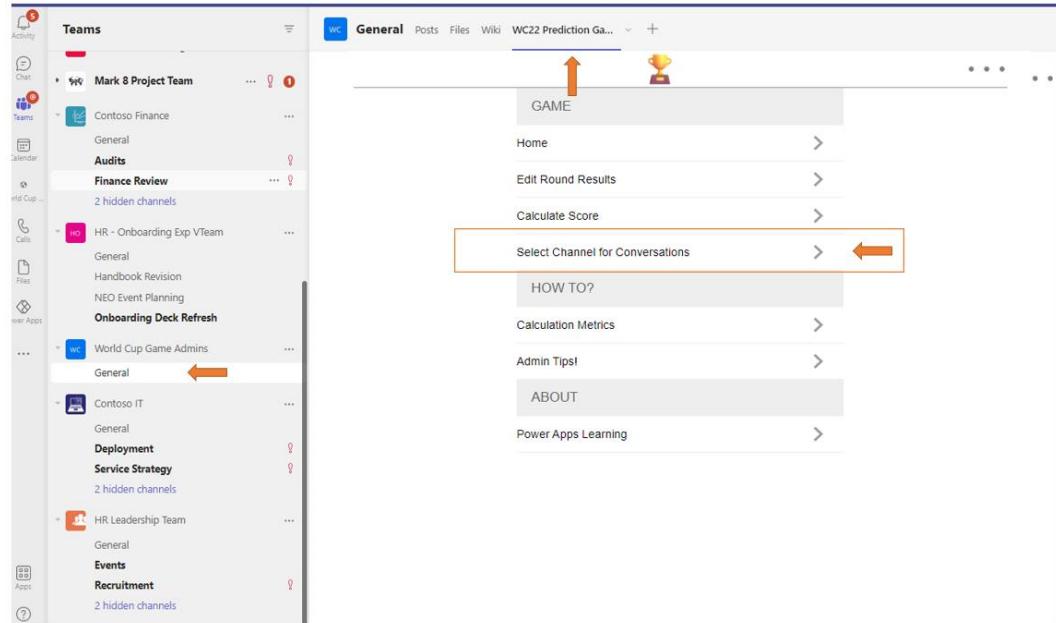
6. Go to your “**Teams**” and select the game admins team. Click **the Admin App tab** and check the app is loaded successfully.



Enable "Share My Favorite Team"

"Share My Favorite" feature is disabled by default. You need select a Teams Channel for conversation to activate this feature.

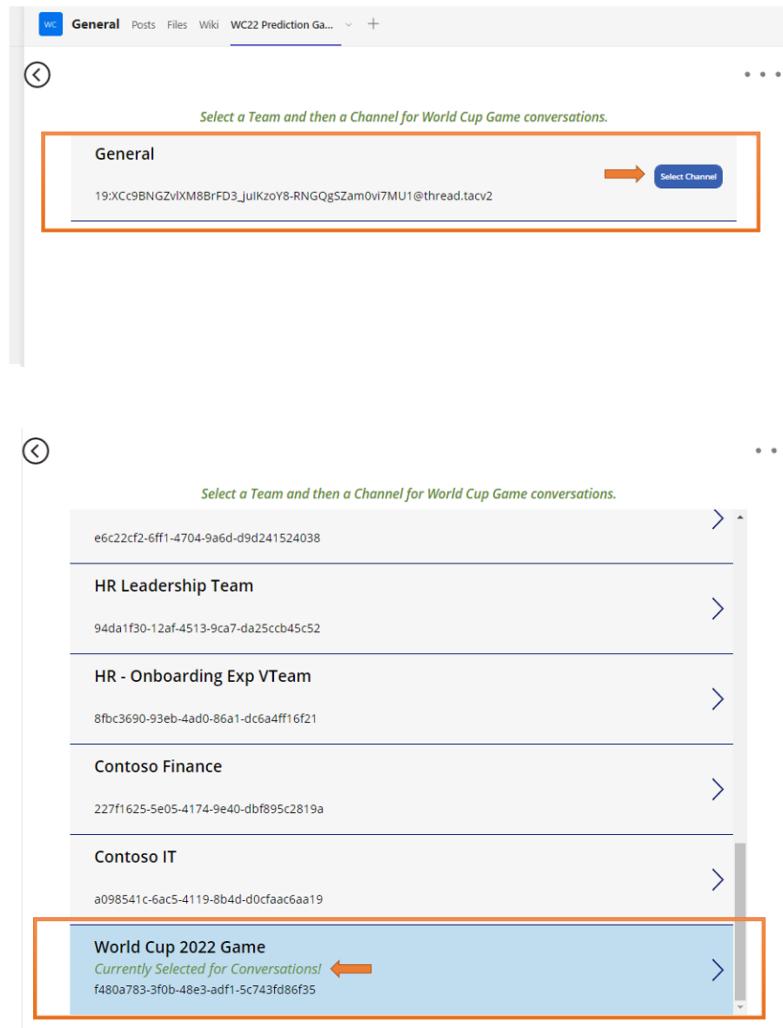
1. Go to your "**Teams**" and select the game admins team. Click **the Admin App** tab and then click "**Select Channel for Conversations**".



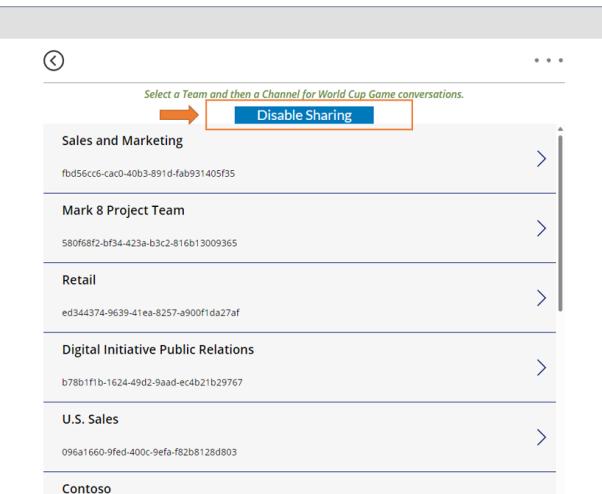
2. Browse the teams and **select a team** first to select a channel for **conversations**.



3. Click "**Select Channel**" for complete the "**Share My Favorite Team**" feature enablement.



If you would like to **disable** sharing feature, go to "**Select Channel for Conversations**" and then click the "**Disable Sharing**" button.



Set Table Permissions

By default, the **Colleagues with access role** has **no access** to the data inside any of the custom tables you built using Dataverse for Teams. You need to change the default access permissions for game users outside of your admin team to access this data.

The World Cup Prediction Game has 4 tables included in the solution package.

Table Name	Colleagues with access Permissions
GamerUsers	Collaborate
Matches	Collaborate
Properties	Reference
WCTeams	Reference

Follow the next step to configure permission settings for each table.

GameUsers Table Permissions

1. If you close your power apps, then go to your Teams client or web application. Find Power Apps app “...” (ellipsis) and open. Then click “Build” tab. Select your environment (admin team) and then click “See all” link. Click the “Tables” on left menu.

The screenshot shows the Microsoft Teams Power Apps interface. At the top, there's a navigation bar with 'Power Apps', 'Home', 'Build', and 'About'. Below the navigation, there are two environments listed: 'Contoso marketing' and 'World Cup Game Admins'. An orange arrow points upwards from the 'World Cup Game Admins' environment name towards the 'Build' tab. The main area displays a list titled 'Items created for World Cup Game Admins'. This list includes several items: 'DemoApp' (Canvas App, modified 41 min ago), 'WC22 Prediction Game - Admin App' (Canvas App, modified 3 min ago), 'World Cup 2022 Prediction Game' (Canvas App, modified 3 min ago), 'GamerUsers' (Table, modified 4 min ago), 'Matches' (Table, modified 4 min ago), and 'Properties' (Table, modified 4 min ago). At the bottom of this list, there is a 'See all' link, which is also highlighted with an orange arrow pointing to it.

The screenshot shows the Microsoft Power Apps interface. On the left, there's a navigation bar with icons for Activity, Chat, Teams, Calendar, Calls, and Files, followed by a 'Power Apps' icon. Below these are 'All', 'Apps', 'Chatbots', 'Cloud flows', and a 'Tables' item which has an orange arrow pointing to it. Under 'Tables', there are 'Other' and a dropdown arrow. The main area is titled 'World Cup Game Admins > Tables'. It lists four tables: 'GameUsers' (ms_gameusers), 'Matches' (ms_matches), 'Properties' (ms_properties), and 'WCTeams' (ms_wcteams). A red box highlights the entire table list.

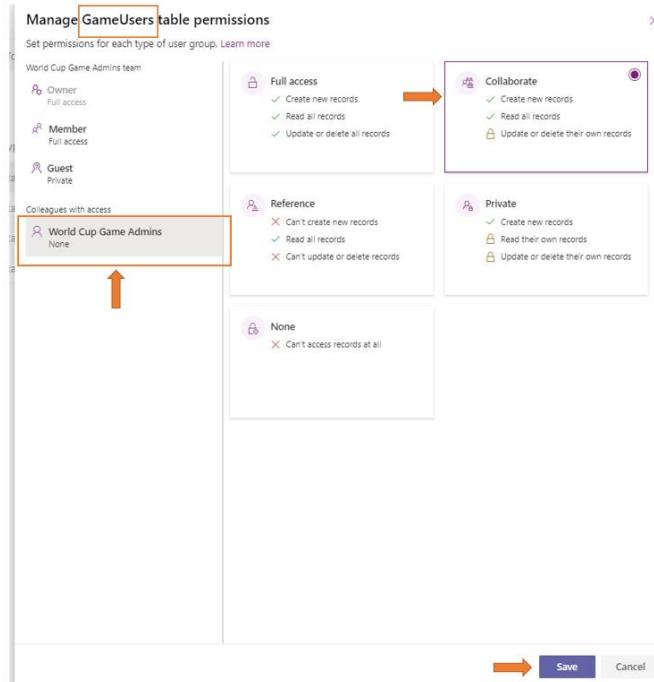
Table	Name
GameUsers	ms_gameusers
Matches	ms_matches
Properties	ms_properties
WCTeams	ms_wcteams

2. Select **GameUsers** table and click “**Manage permissions**”.

This screenshot shows the 'Manage permissions' view for the 'GameUsers' table. The top navigation bar includes 'New', 'Open', 'Edit', 'Import', 'Export', 'Properties', 'Manage permissions' (which is highlighted with an orange arrow), 'Tools', and 'Delete'. The main area is titled 'World Cup Game Admins > Tables' and shows the same four tables as the previous screen. The 'GameUsers' row is selected and highlighted with an orange box. The 'Manage permissions' button is also highlighted with an orange arrow.

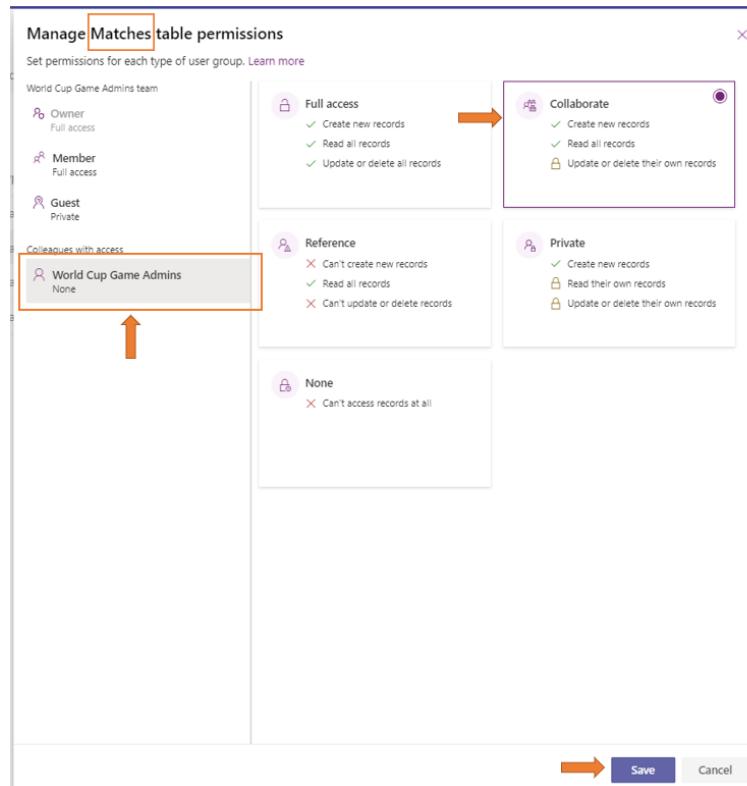
Table	Name	Type
GameUsers	ms_gameusers	Standard
Matches	ms_matches	Standard
Properties	ms_properties	Standard
WCTeams	ms_wcteams	Standard

3. Make sure you select “**Colleagues with access**” from left menu and then select “**Collaborate**” and **Save**.



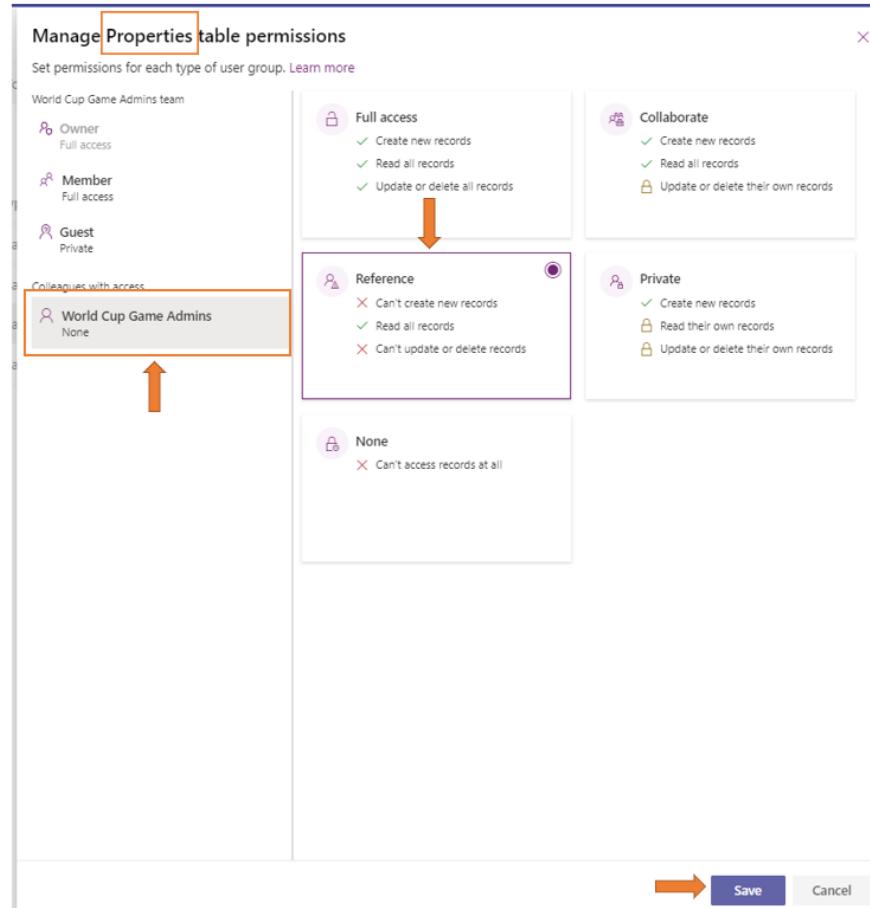
Matches Table Permissions

1. Repeat steps in "[GameUsers Table Permissions](#)" section and give "**Collaborate**" permission to "**Colleagues with access**" for **Matches** Table.



Properties Table Permissions

1. Repeat steps in "[GameUsers Table Permissions](#)" section and give "**Reference**" permission to "**Colleagues with access**" for **Properties** Table.



WCTeams Table Permissions

1. Repeat steps in "[GameUsers Table Permissions](#)" and give "**Reference**" permission to "**Colleagues with access**" for **WCTeams** Table.

Manage WCTeams table permissions

Set permissions for each type of user group. [Learn more](#)

World Cup Game Admins team

- Owner**
Full access
- Member**
Full access
- Guest**
Private

Colleagues with access

- World Cup Game Admins**
None

Full access

- ✓ Create new records
- ✓ Read all records
- ✓ Update or delete all records

Collaborate

- ✓ Create new records
- ✓ Read all records
- ✗ Update or delete their own records

Reference

- ✗ Can't create new records
- ✓ Read all records
- ✗ Can't update or delete records

Private

- ✓ Create new records
- ✗ Read their own records
- ✗ Update or delete their own records

None

- ✗ Can't access records at all

Save **Cancel**

The screenshot shows the 'Manage WCTeams table permissions' page. On the left, a sidebar lists user groups: Owner (Full access), Member (Full access), Guest (Private), and Colleagues with access (World Cup Game Admins, None). The 'Colleagues with access' section is highlighted with an orange box. An orange arrow points upwards from the 'None' permission level to the 'World Cup Game Admins' row. Another orange arrow points downwards from the 'None' level to the 'Reference' level. The main area displays four permission levels: 'Full access' (checkmarks for Create, Read, Update/Delete), 'Collaborate' (checkmarks for Create, Read, but a yellow warning icon for Update/Delete), 'Reference' (checkmarks for Read, but red X icons for Create and Update/Delete), and 'Private' (checkmarks for Create, but yellow warning icons for Read and Update/Delete). At the bottom right are 'Save' and 'Cancel' buttons.

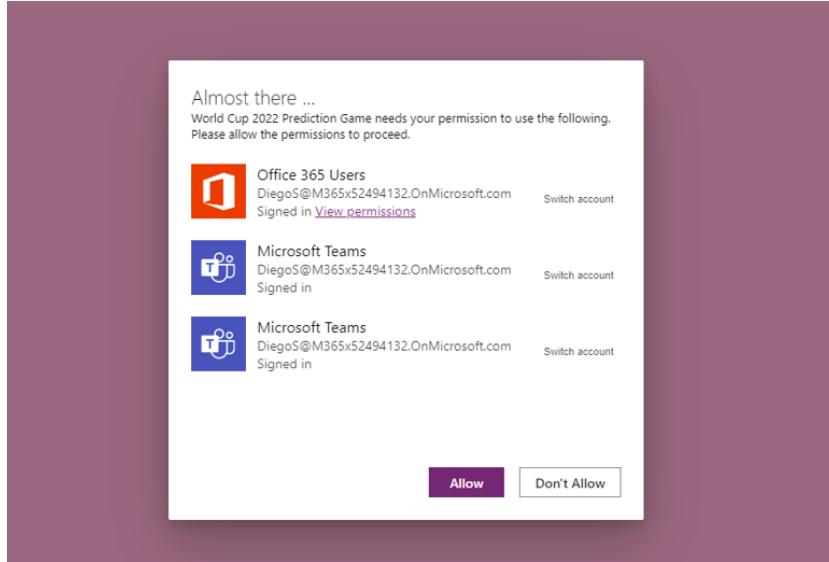
Configure and Share the World Cup Prediction Game

Configure the World Cup Prediction Game

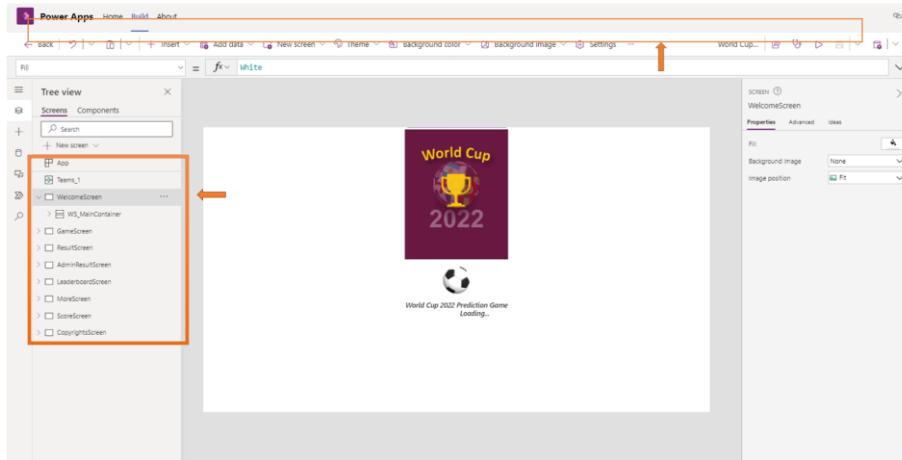
1. If you close your Power Apps, then go to your Teams client or web application. Find Power Apps app "..." (ellipsis) and open. Then click "Build" tab. Select your **environment** (admin team) and then click "**See all**" link. Click the "**World Cup 2022 Prediction Game**" app. (or you can select the app then click the Edit button)

The screenshot shows the Microsoft Power Apps portal. The top navigation bar includes 'Power Apps', 'Home', 'Build', and 'About'. Below the navigation is a search bar and a toolbar with 'New', 'Edit', 'Export', 'Details', 'Add to Teams', and 'Delete' buttons. The main area is titled 'World Cup Game Admins > Apps'. On the left, there's a sidebar with 'All', 'Apps' (which is selected and highlighted with a blue box), 'Chatbots', 'Cloud flows', 'Tables', and 'Other'. The main list displays three apps: 'DemoApp', 'WC22 Prediction Game - Admin App', and 'World Cup 2022 Prediction Game'. The third app is selected and highlighted with a red box. An orange arrow points from the 'Edit' button in the toolbar to the 'WC22 Prediction Game - Admin App' row.

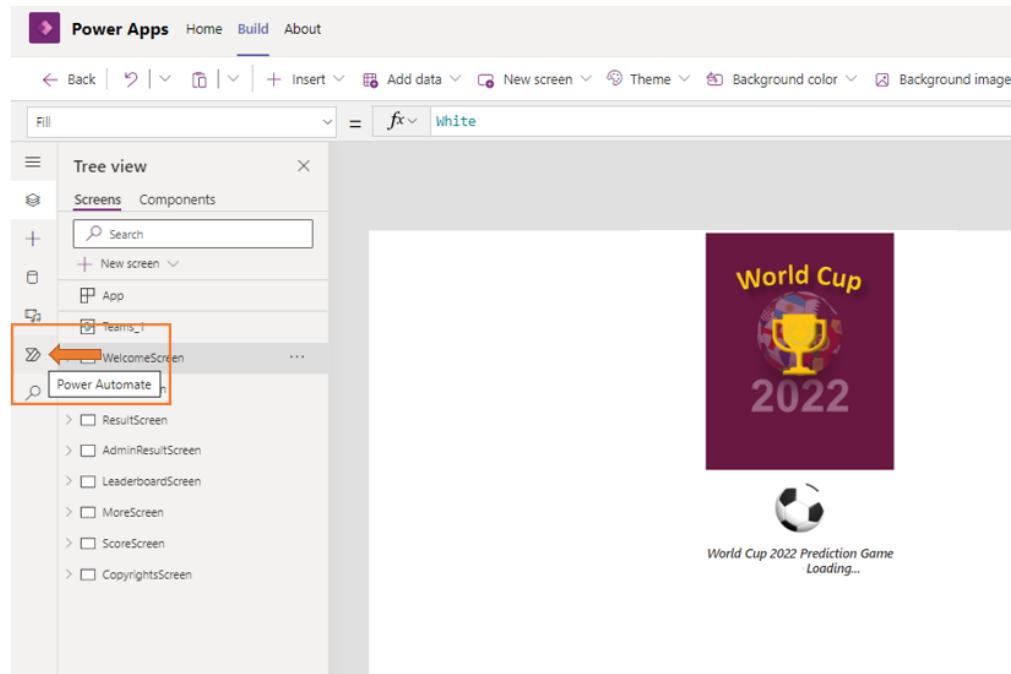
2. Sign-in with your account and click "**Allow**"



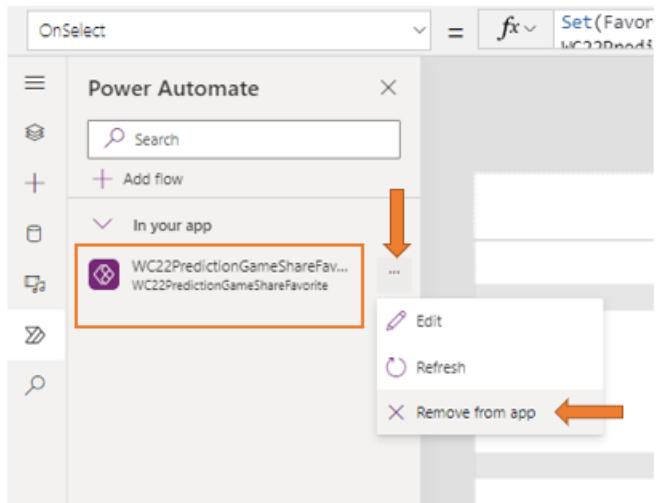
Important : Please wait for all screens loaded, all loading operations completed (loading "dots" ... must be disappeared on the top of the app editor)



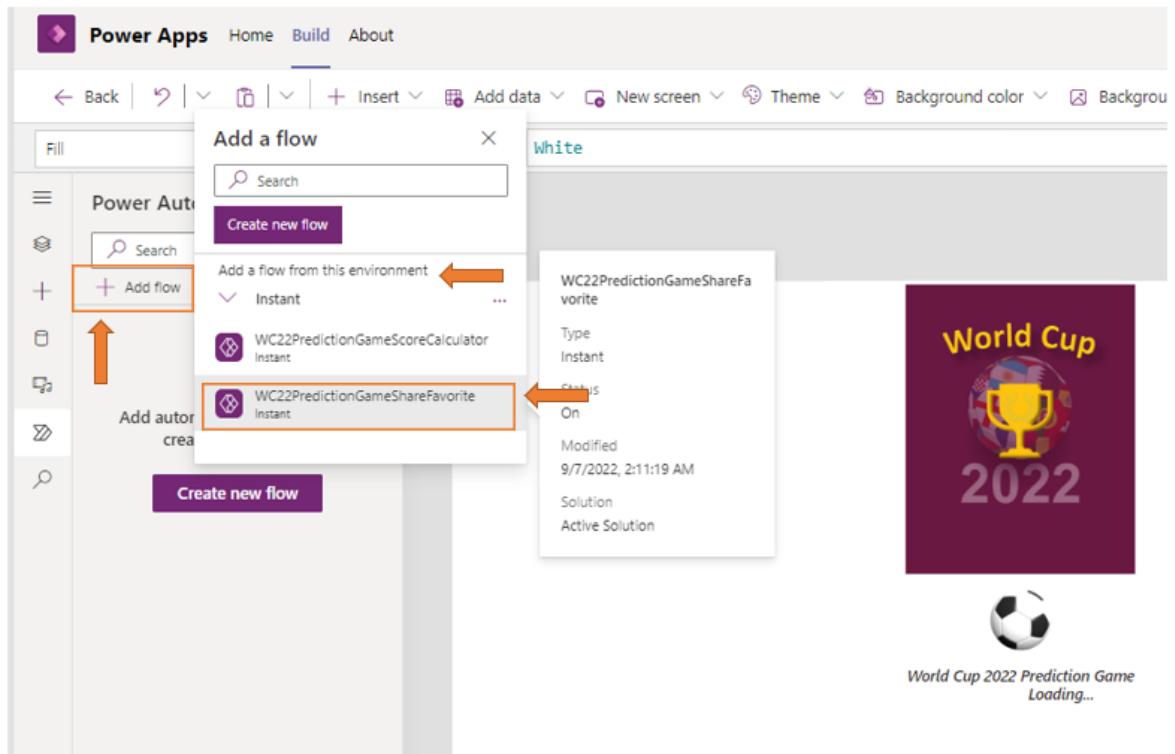
3. Click the “Power Automate” icon on the left pane.

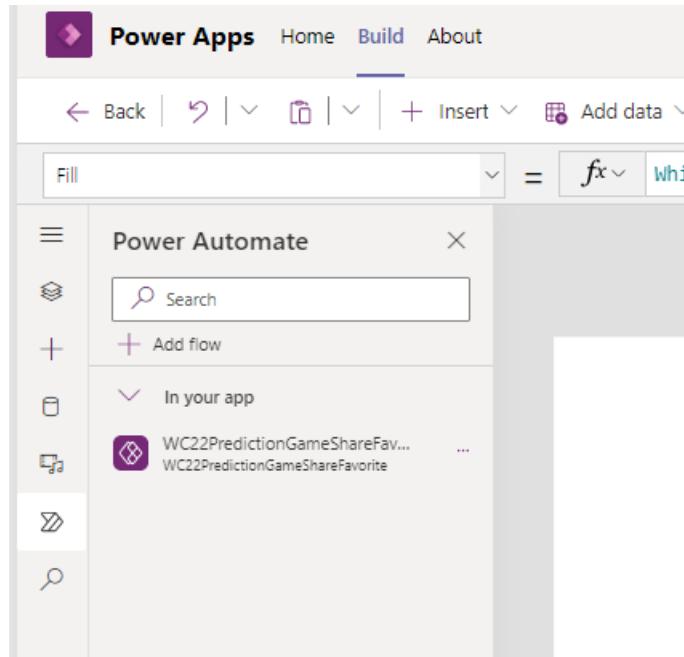


4. Find “WC22PredictionGameShareFavorite” connection and then click the “...” (ellipsis). Select “Remove from app” from the menu.

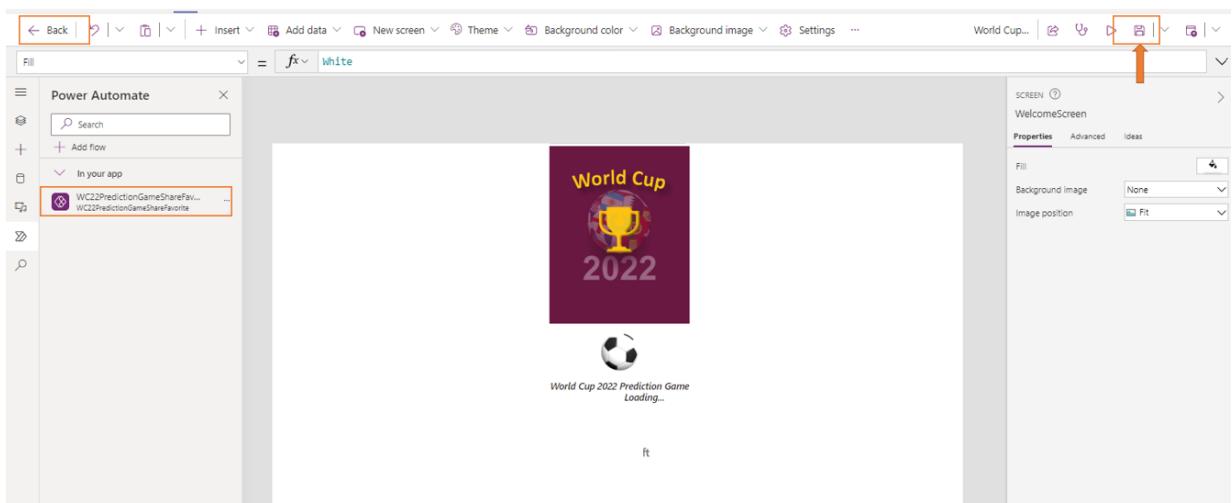


5. Click “**Add Flow**” and then Select the “**WC22PredictionGameShareFavorite**” connection from pop-up menu. Make sure you successfully re-added the connection.





6. Make sure you saved your app then go back to "Builds" menu.



7. Select the "World Cup 2022 Prediction Game" app and click the "... (ellipsis). Click "Details" from the pop-up menu.

The screenshot shows the Power Apps portal interface. On the left, there's a sidebar with links for 'All', 'Chatbots', 'Cloud flows', 'Tables', and 'Other'. The 'Apps' link is highlighted with a red arrow. The main area shows a list of apps under 'World Cup Game Admins > Apps'. The 'World Cup 2022 Prediction Game' app is selected and highlighted with a red box. A red arrow points from its ellipsis menu to the 'Details' option.

Display name ↑	Name ↓	Type
Appdemo	cr8fc_appdemo_756...	Canvas App
WC22 Prediction Game - Admin App	ms_wc22prediction...	Canvas App
World Cup 2022 Prediction Game	ms_wc22prediction...	Canvas App

8. You need to **publish** your last saved version of the app. Click the “**Versions**” tab and click the “...” (ellipsis) of your last saved version of the app (not Lived) then click “**Publish this version**”.

The screenshot shows the 'World Cup 2022 Prediction Game' app details page. The 'Versions' tab is selected. It lists two versions: 'Version 2' (modified 9/8/2022, 2:42:52 AM by MOD Administrator) and 'Version 1' (modified 9/8/2022, 2:42:52 AM by MOD Administrator). A red arrow points from the 'Version 2' row to the 'Publish this version' button. Another red arrow points from the 'Live' status of Version 1 to the 'Live' button.

Version	Modified	Modified by	Power Apps release	Published	Version note
Version 2	...	9/8/2022, 2:42:52 AM	MOD Administrator	3.22084.17	
Version 1	...	9/8/2022, 2:42:52 AM	MOD Administrator	3.22084.17	Live

9. Click “**Publish This Version**” and then make sure your last saved version is published (**Live**)

World Cup 2022 Prediction Game

Details Versions Connections Flows Analytics (preview)

It's only possible to restore app versions that were created in the last six months. Learn more

Version	Modified	Modified by	Power Apps release	Published
Version 2	9/8/2022, 2:42:52 AM	MOD Administrator	3.22084.17	
Version 1	9/8/2022, 2:34:26 AM	MOD Administrator	3.22084.17	Live

Publish version 2

This will make version 2 available to everyone who has **Can use** permissions.
Learn more about publishing apps

World Cup 2022 Prediction Game
Version 2

Publish this version

Edit details

World Cup 2022 Prediction Game

Details Versions Connections Flows Analytics (preview)

It's only possible to restore app versions that were created in the last six months. Learn more

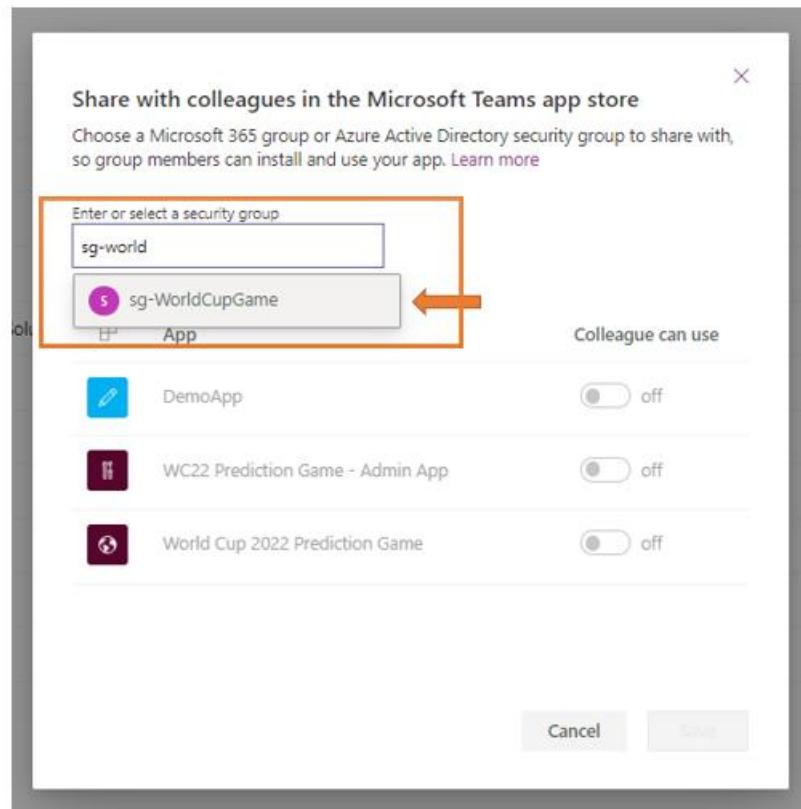
Version	Modified	Modified by	Power Apps release	Published	Version note
Version 2	9/8/2022, 2:42:52 AM	MOD Administrator	3.22084.17	Live	
Version 1	9/8/2022, 2:34:26 AM	MOD Administrator	3.22084.17		

Share World Cup Prediction Game App with Colleagues

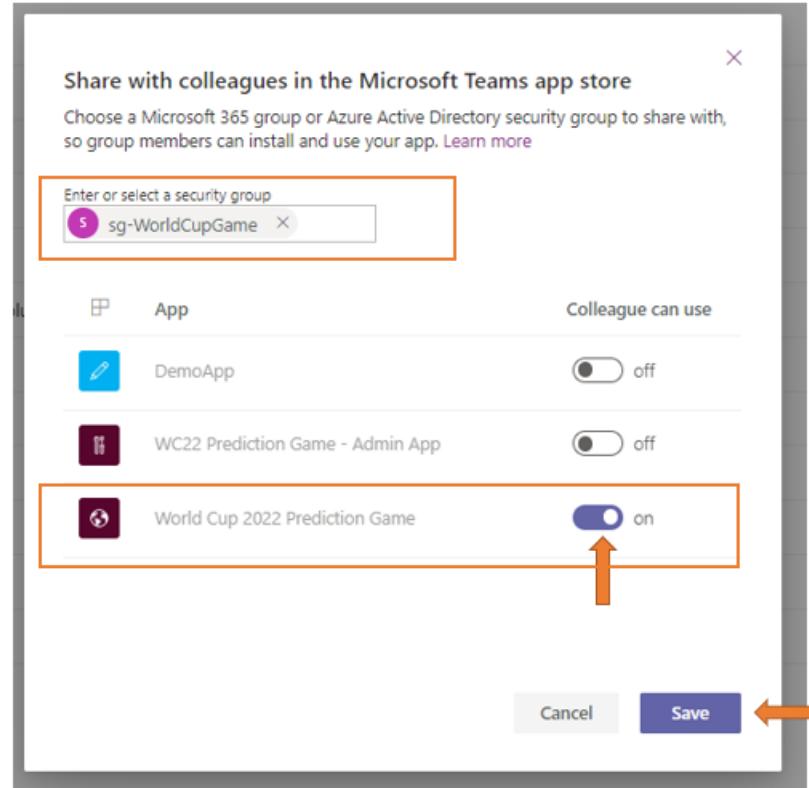
1. If you close your power apps, then go to your Teams client or web application. Find Power Apps app “...” (ellipsis) and open. Then click “Build” tab. Select your environment (admin team) and then click “See all” link. Click “Share with colleagues”.

The screenshot shows the Microsoft Power Apps portal interface. At the top, there's a navigation bar with 'Power Apps', 'Home', 'Build', and 'About'. Below the navigation bar is a search bar labeled 'Search'. To the right of the search bar are several buttons: '+ New', 'Import', 'Share with colleagues' (which is highlighted with a red box and has an orange arrow pointing to it), and 'Open in Power Apps'. The main area displays a list of items under 'World Cup Game Admins > All'. The list includes various apps and flows, such as 'Appdemo', 'GameUsers', 'Matches', 'Properties', 'WCTeams', and several cloud flows related to the World Cup Prediction Game. The columns in the list are 'Display name', 'Name', 'Type', 'Last Modif...', 'Owner', and 'Status'.

2. Search and select the **Security Group** that you prepared in [pre-requisites](#) chapter.



3. Select the “**World Cup 2022 Prediction Game**” app and set “on” to “colleague can use” then “Save”.



Power Apps Home Build About

Search New Import Share with colleagues Open in Power Apps

All

Success! People in the sg-WorldCupGame group can install and use those apps.

World Cup Game Admins > All

Display name ↑	Name	Type	Last Modif...	Owner	Status
Appdemo	cr8fc_appdemo_75...	Canvas App	2 days ago	MOD Adminis...	On
GameUsers	ms_gameusers	Table	2 days ago	-	Off
Matches	ms_matches	Table	2 days ago	-	Off
Microsoft Dataverse	new_sharedcomm...	Connection R...	2 days ago	MOD Adminis...	Off
Microsoft Teams WC22PredictionGameSolution-01	ms_sharedteams_0...	Connection R...	2 days ago	MOD Adminis...	Off
Properties	ms_properties	Table	2 days ago	-	Off
WC22 Prediction Game - Admin App	ms_wc22predictio...	Canvas App	2 days ago	MOD Adminis...	On
WC22CalculatorMatches49	WC22CalculatorM...	Cloud Flow	2 days ago	MOD Adminis...	On
WC22CalculatorMatches50	WC22CalculatorM...	Cloud Flow	2 days ago	MOD Adminis...	On
WC22CalculatorMatches51	WC22CalculatorM...	Cloud Flow	2 days ago	MOD Adminis...	On
WC22CalculatorMatches52	WC22CalculatorM...	Cloud Flow	2 days ago	MOD Adminis...	On
WC22CalculatorMatches53	WC22CalculatorM...	Cloud Flow	2 days ago	MOD Adminis...	On

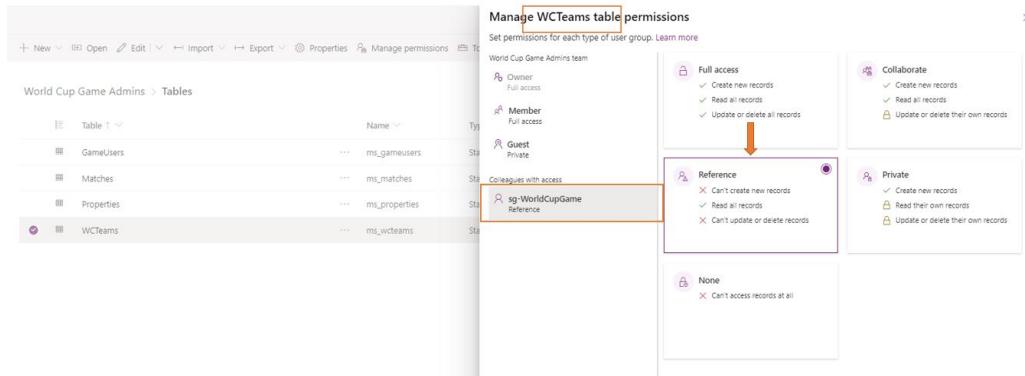
Additional Step: You can validate the **table permission** settings that mentioned in “[Set Table Permissions](#)” chapter after sharing the app with colleagues.

The image consists of three vertically stacked screenshots of the Microsoft Power Apps 'Manage permissions' dialog. Each screenshot corresponds to a different table: GameUsers, Matches, and Properties. In each dialog, the 'Colleagues with access' group is selected, indicated by an orange border around its row. The 'Full access' and 'Collaborate' sections are also highlighted with orange borders. Arrows point from the 'Colleagues with access' row towards the 'Full access' and 'Collaborate' sections, suggesting a relationship or a specific configuration for this group.

Manage GameUsers table permissions

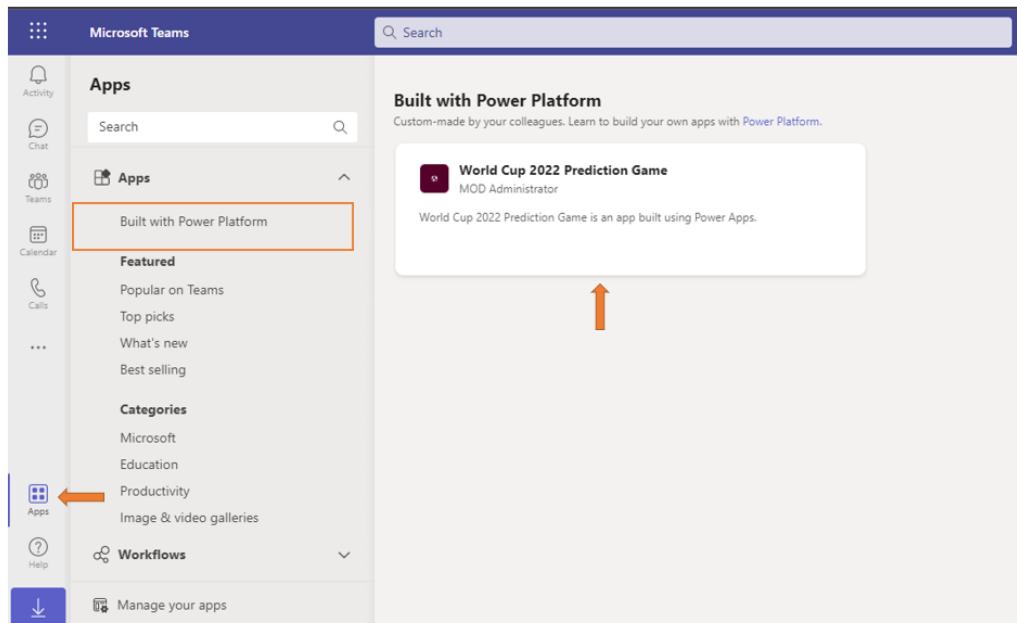
Manage Matches table permissions

Manage Properties table permissions

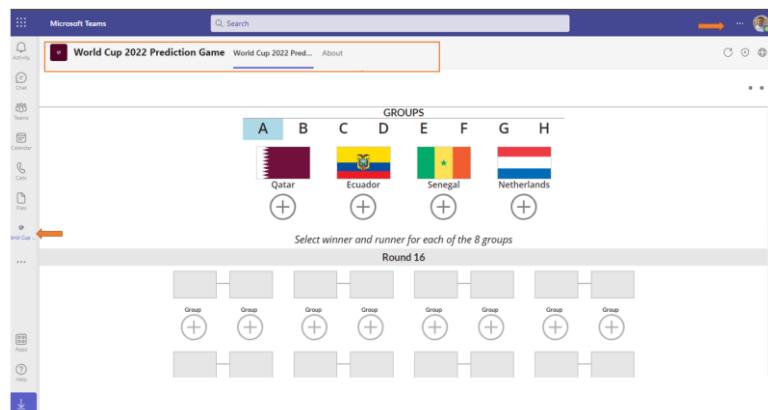
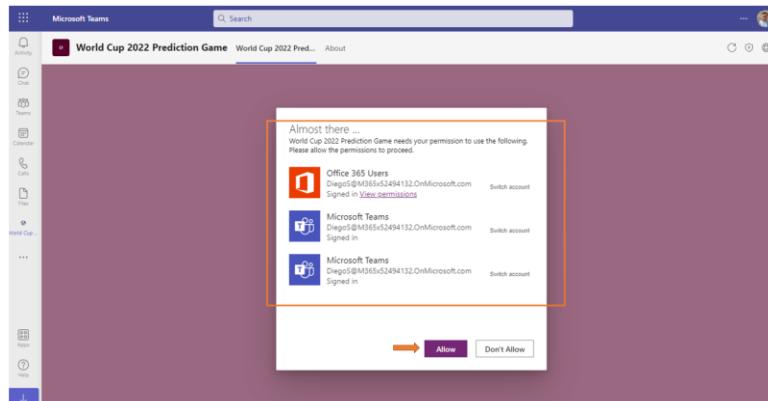
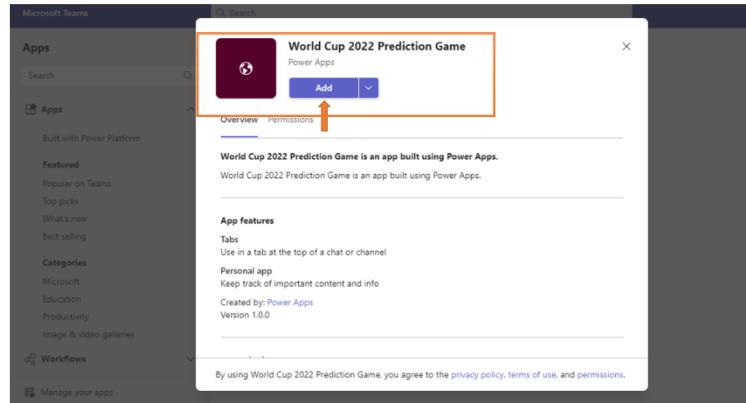


Distribute World Cup Prediction Game App

The World Cup 2022 Prediction Game App will be ready for use after "[Share World Cup Prediction Game App with Colleagues](#)" steps. Your targeted users can browse the Teams App Store and find the app under "**Built with Power Platform**" section.



They can add the app as a personal app and then start the enjoy!



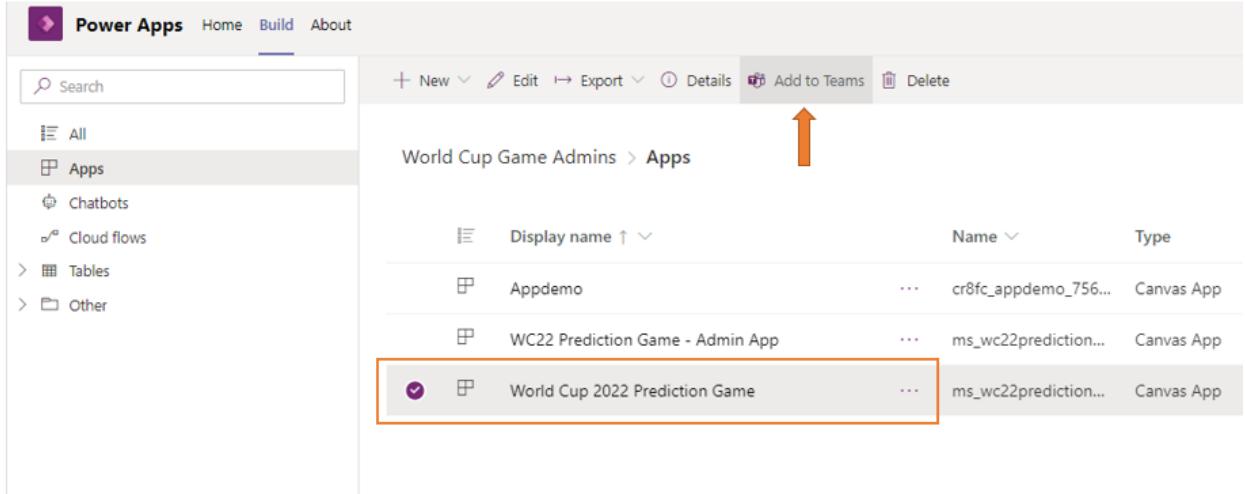
You can also **distribute** the app with **Teams App Setup Policies**. As an admin, you can use app setup policies to install and pin apps.

You need to **download** the World Cup Prediction Game App package from the teams environment first and then you can **install** the app though **Teams Admin Center**.

Download the World Cup Prediction Game App Package

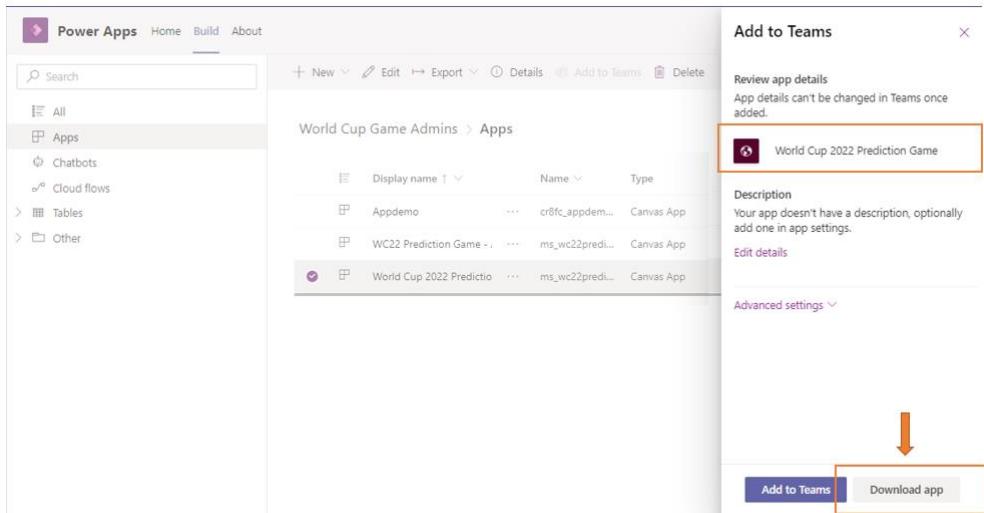
1. If you close your power apps, then go to your Teams client or web application. Find Power Apps app “...” (ellipsis) and open. Then click “Build” tab. Select your

environment (admin team) and then click "See all" link. Select the "**World Cup 2022 Prediction Game**" app then click "Add to Teams".



The screenshot shows the Microsoft Power Apps portal. On the left, there's a navigation sidebar with options like 'All', 'Apps', 'Chatbots', 'Cloud flows', 'Tables', and 'Other'. The 'Apps' option is selected. On the right, a list of apps is displayed under 'World Cup Game Admins > Apps'. The apps listed are 'Appdemo' (Canvas App), 'WC22 Prediction Game - Admin App' (Canvas App), and 'World Cup 2022 Prediction Game' (Canvas App). The third app is highlighted with a red box. At the top of the page, there's a toolbar with buttons for 'New', 'Edit', 'Export', 'Details', 'Add to Teams' (which has a red arrow pointing up to it), and 'Delete'.

2. Click the "Download app" then save the "**World Cup 2022 Prediction Game.zip**" package.



This screenshot shows the 'Add to Teams' dialog box overlaid on the Power Apps portal. The dialog has a header 'Add to Teams' with a close button. It contains a section 'Review app details' with a note that app details can't be changed once added. Below this is a preview card for 'World Cup 2022 Prediction Game'. The card includes a 'Description' section with a note that the app doesn't have a description and an 'Edit details' link. At the bottom of the dialog are two buttons: 'Add to Teams' (highlighted with a red box) and 'Download app' (also highlighted with a red box).

Install App from Teams Admin Center

Teams Service Administrator or **Global Administrator** role required to install the app through the Teams Admin Center and edit or create the policies.

1. Go to your **Teams Admin Center** (<https://admin.teams.microsoft.com/>) and click the "**Manage apps**", then click "**Upload New App**".

The screenshot shows the Microsoft Teams admin center interface. The left sidebar has a dark theme with various navigation options. The main area is titled "Manage apps". A callout arrow points from the text "Browse and select 'World Cup 2022 Prediction Game.zip' app package then 'Upload'" to the "+ Upload new app" button, which is highlighted with a red box. Another callout arrow points from the text "Now that you've added this app to your apps list, select this link to manage it." to the "New app added" message box.

Contoso Electronics Microsoft Teams admin center Search - Preview

Manage apps

Control which apps are available to users in your organization by allowing and blocking apps. You can also upload and approve custom apps. After managing apps on this page, you can use app permission and app setup policies to configure what apps are available for specific users in your organization's app store. Learn more

Pending approval

0 Submitted custom apps 0 Updated custom apps

Featured app

Calendar BOT App details

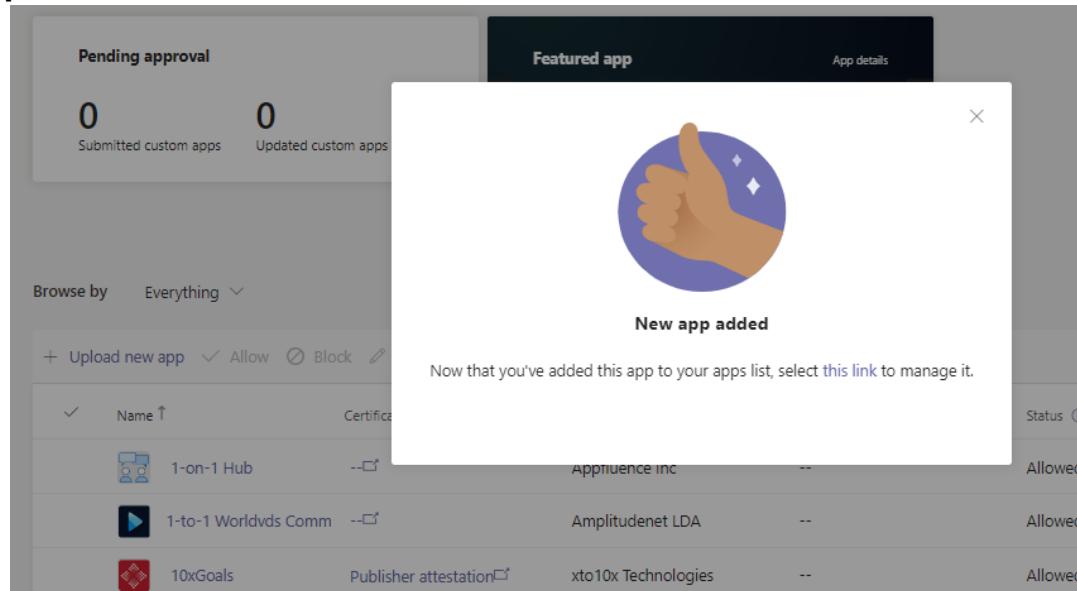
Help your team save time and effort in scheduling meetings.

Browse by Everything

+ Upload new app Allow Block Customize Add to team | 1756 items

Name	Certification	Publisher	Publishing status
1-on-1 Hub	--	Appfluence Inc	--
1-to-1 Worldvds Comm	--	Amplitudenet LDA	--
10xGoals	Publisher attestation	xto10x Technologies	--
15Five	--	15Five, Inc.	--

2. Browse and select "**World Cup 2022 Prediction Game.zip**" app package then "**Upload**"



Important Note:

- Check your organizations' Teams App Permissions policies to allow custom apps.
- You can use existing permission policies, or you can create a new custom app permission policy for targeted users
- Check "[Manage app permission policies in Microsoft Teams](#)" for details.
- After you edit the global policy or assign a policy, it may take 24 hours for changes to take effect.

Distribute App with Teams App Setup Policies

You can use app setup policies to **install** and **pin apps**. Pinning helps promote adoption of relevant apps in your organization.

- **Pin apps:** App setup policies let you choose apps to pin, set the order the apps show up for your users in the Teams app bar or the compose message area. Admins can also control whether the end-users can pin their own apps or not. See [Pin apps](#).
- **Install apps:** App setup policies let you install the allowed apps on behalf of users.

The screenshot shows the Microsoft Teams admin center interface. The left sidebar lists various administrative sections. The 'Setup policies' section is highlighted with an orange arrow. The main content area displays two policy-related sections: 'Installed apps' and 'Pinned apps'. The 'Installed apps' section shows a single app named 'World Cup 2022 Predictio...'. The 'Pinned apps' section shows several pinned items: Activity, Chat, Teams, Calendar, and World Cup 2022 Predictio... (which is also listed in the installed apps section). A note in the pinned apps section states 'No pinned apps'.

Important Note:

- You can use existing app setup policies, or you can create a new custom app setup policy for targeted users
- After you edit the global policy or assign a policy, it may take 24 hours for changes to take effect.
- Check "[Manage app setup policies in Microsoft Teams](#)" for details.

Appendix

1. [Overview of Microsoft Dataverse for Teams](#)
2. [About the Microsoft Dataverse for Teams environment](#)
3. [Manage Azure Active Directory groups and group membership](#)
4. [Share an app with Microsoft 365 groups](#)
5. [Create your first teams and channels in Microsoft Teams](#)
6. [Manage app permission policies in Microsoft Teams](#)
7. [Manage app setup policies in Microsoft Teams](#)