

Set up a new team in Miro

Create a new Miro team to house all the boards.

Follow these steps to create a developer app: [Create and Run an App in Miro](#)

(If that link breaks, go to the [developer docs](#) and look for a guide to create an app.)

Install the app and authorize it for use in the new Miro team you just created. When you authorize, it gives you a token. You'll need this token to run the APIs.

Create your template board in the new Miro team.

Copy the board

- <https://developers.miro.com/reference/copy-board>
- The site lets you try it out, but you can copy the code and modify it to create multiple copies at once.
- Copy the PowerShell version of the code and add a loop (this loop is for 3 boards):
for (\$i=1; \$i -le 3; \$i++)
\$headers=@{}
\$headers.Add("Accept", "application/json")
\$headers.Add("Content-Type", "application/json")
\$headers.Add("Authorization", "Bearer <<token>>")
\$response = Invoke-WebRequest -Uri
'https://api.miro.com/v2/boards?copy_from=BOARD-ID' -Method PUT -Headers \$headers
-ContentType 'application/json' -Body '{"name":"Board
Title","policy":{"permissionsPolicy":{"copyAccess":"anyone"},"collaborationToolsStartAccess":
"all_editors","sharingAccess":"team_members_with_editing_rights"},"sharingPolicy":{"acces
s":"private","inviteToAccountAndBoardLinkAccess":"no_access","organizationAccess":"privat
e","teamAccess":"edit"}},"teamId":"TEAM-ID"}'
• Run it in PowerShell

Get the URLs of the boards

- <https://developers.miro.com/reference/get-boards>
- Get all the board IDs from the team (there's a limit of the most recent 50 boards, so do it in batches if you have to)
- Copy the JSON and find the Board IDs
- Paste the Board IDs into a Master List
- Grab random passwords from [Random.org](#) (passwords must be at least 8 characters long) and add one to each new Board ID
- Create a bot in Power Automate Desktop or UiPath that opens each new board from the Master List and adds the associated password to each one. See the next page for my flow:

The screenshot displays a Power Automate Desktop workflow with 15 steps. The workflow begins with 'Attach to running Excel', followed by a 'Loop' from 1342 to 1345. Inside the loop, the steps are: 'Read from Excel worksheet' (URL), 'Read from Excel worksheet' (Password), 'Launch new Chrome' (CurrentBoard), 'Wait 18 seconds', 'Click link on web page' (span), 'Click link on web page' (div), 'Click link on web page' (button), 'Click link on web page' (div), 'Wait 3 seconds', 'Send keys' (Password), 'Click link on web page' (div), 'Close web browser' (CurrentBoard), and 'Write to Excel worksheet' (Ready). To the right, the 'Input / output variables' panel shows five flow variables: CurrentBoard, ExcellInstance, LoopIndex, Password, and URL.

1 Attach to running Excel
Attach to Excel document with name 'Miro Board Master List.xlsx' and store it into Excel instance ExcellInstance

2 Loop LoopIndex from 1342 to 1345 with step 1

3 Read from Excel worksheet
Read the value of the cell in column 'B' row LoopIndex and store it into URL

4 Read from Excel worksheet
Read the value of the cell in column 'C' row LoopIndex and store it into Password

5 Launch new Chrome
Launch Chrome, navigate to URL and store the instance into CurrentBoard

6 Wait 18 seconds

7 Click link on web page
Click on span of web page

8 Click link on web page
Click on div of web page

9 Click link on web page
Click on button 2 of web page

10 Click link on web page
Click on div of web page

11 Wait 3 seconds

12 Send keys
Send the following keystrokes: Password to the foreground window

13 Click link on web page
Click on div 2 of web page

14 Close web browser
Close web browser CurrentBoard

15 Write to Excel worksheet
Write the value 'Ready' into cell in column 'D' and row LoopIndex of the Excel instance ExcellInstance

Input / output variables 0
There aren't any input or output variables here yet

Flow variables 5
(x) CurrentBoard
(x) ExcellInstance
(x) LoopIndex
(x) Password
(x) URL

I used Power Automate Desktop, and it takes about 40 seconds per board. As you can see, the bot gets the board URL (which is just “https://miro.com/app/board/” plus the Board ID) and password, opens the page, clicks the “share” button (that’s the span in line 7), changes the sharing permissions to “anyone with the link can edit,” and then enters and saves the password.

Team Leaders need to claim a board

On your Master List, have a column for “Board Owner.” When a manager or team leader needs a board, have them submit a request – this could be in a Microsoft Form or any other means. When that request comes through, a bot should look at the Master List, find the first row with a blank owner field, and assign that board to the person making the request. The manager or team leader can then forward the board URL and password to their team, and everyone would access the board anonymously. Because of the permissions you set up, they’ll all have editing access to be able to contribute and collaborate seamlessly as if they had licenses.

Remember to add a link or information on the board so teams can find out how to get a full Miro license if they want to create their own boards and use the platform for other purposes.