**Modern Community – Spam Prevention Feature**

To prevent Spam Ideas being created from Power Platform Ideas Sites (Power Automate, Power Pages, Power Apps and Power Virtual Agents) which are built on top of Modern Community template, following features are implemented:

**Deactivate Spam Ideas and Lockout Site User/Contact:** Prevent Spam Ideas by locking out the site user and deactivate their ideas if user posts excessive number of Ideas based on the below conditions:

1. If user posts more than 3 ideas in the past 10 minutes
2. If user posts more than 10 ideas in the past week
3. If user posts more than 50 ideas in the past month

**Technical Components:**

1. **Cloud Flow: [Power Ideas] [Spam] Deactivate ideas and lock contact**

**Trigger condition:** This flow triggers when an idea (msdyn\_cmty\_idea) is posted.

**Logic:** The flow checks for the above conditions and when any of the condition is met, it locks the contact by setting the below fields, and deactivates its related User Profiles and all the Ideas posted by this user.

**Lockout Enabled:** Yes

**Lockout End Date:** Current Date + 4000 days

**Security Stamp:** NULL

**Callback Number:** Lockout Contact as Spam

1. **Environment Variables:** The threshold values specified in the conditions are configurable and stored as environment variables. The values can be updated as required.

[Power-Ideas] One Month Idea Count = 50

[Power-Ideas] One Week Idea Count = 10

[Power-Ideas] Ten minutes Idea Count = 3

**Note:** Only the Ideas posted by the users are deactivated NOT the comments.

**Mark Ideas as Spam from Model Driven App:** The Community managers/ Product Owners/ Admins, who has access to the ‘Ideation’ Model Driven App, can mark one or more Ideas as ‘Spam’, by clicking on the ribbon button, ‘Mark as Spam’.

**Technical Components:**

1. **Flagged as Spam Column:** A single line of text field/column is added on the Idea table.
2. **Ribbon Button: ‘Mark as Spam’** button is added on the Idea (msdyn\_cmty\_idea) Home grid. The button will be visible when one more Idea record is selected from the list.
3. **Java Script:** A JavaScript file, ‘mssh\_powerideas\_markasspam’ is added which will trigger on the click of ‘Mark as Spam’ button. The script will set the selected Idea/s records to Inactive and set the **‘Flagged as Spam’** field value to ‘Spam’.
4. **Cloud Flow:** **[Power Ideas][Spam] Deactivate the contact on 'Mark as Spam'**

**Trigger condition:** This flow triggers when an idea is update with **‘Flagged as Spam’** field value set to ‘Spam’

**Logic:** The flow locks the contact by setting the below fields:

**Lockout Enabled:** Yes

**Lockout End Date:** Current Date + 4000 days

**Security Stamp:** NULL

**Callback Number:** Lockout Contact as Spam

**Delete Spam Ideas after 6 months:** Deactivated Ideas which are marked as Spam over 6 months ago will be deleted.

**Technical Components:**

1. **Cloud Flow: [Power ideas][Spam] Inactive ideas deletion**

**Trigger condition:** This is a scheduled flow which triggers on last Sunday of every

month.

**Logic:** It retrieves all the deactivated spam Ideas which are older than 6 months and

deletes them.

**Note:** All the above components are part of the **‘ModernCommunity\_SpamPrevention’** managed solution.

**Whitelist Site User/Contact:** A site user or portal user who is a genuine or locked out mistake can be whitelisted. The components are part of the **ModernCommunity\_WhitelistContact** managed solution.

**Technical Components:**

1. **Workflow: [PowerIdeas]Whitelist Contact**

**Trigger condition:** This flow triggers on Contact table when ‘Callback Number’ value is set to ‘Active and Whitelisted’

**Logic:** It unblocks the selected contacts by setting the below fields and sets the Security Stamp value.

**Lockout Enabled:** No

**Lockout End Date:** Null

**Callback Number:** Active and Whitelisted

**Security Stamp:** set to a random GUID Value

1. **Cloud Flow: [Power Ideas][Spam] Reactivate Ideas**

**Trigger condition:** This is an on-demand workflow. Community managers/product owners/admins can whitelist one or more contacts by selecting the flow.

**Logic:** When a contact is whitelisted, it will retrieve all the user’s/ contact’s related user profiles and activates the, and it also will it’s related Ideas which are marked as spam and reactivates them.