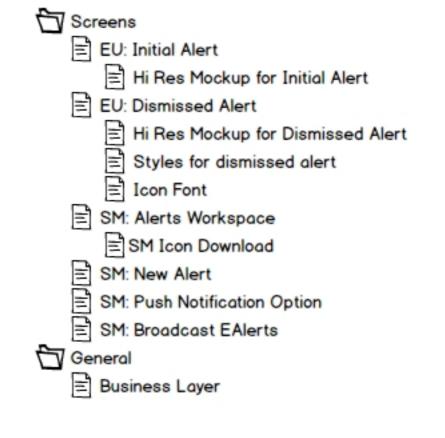
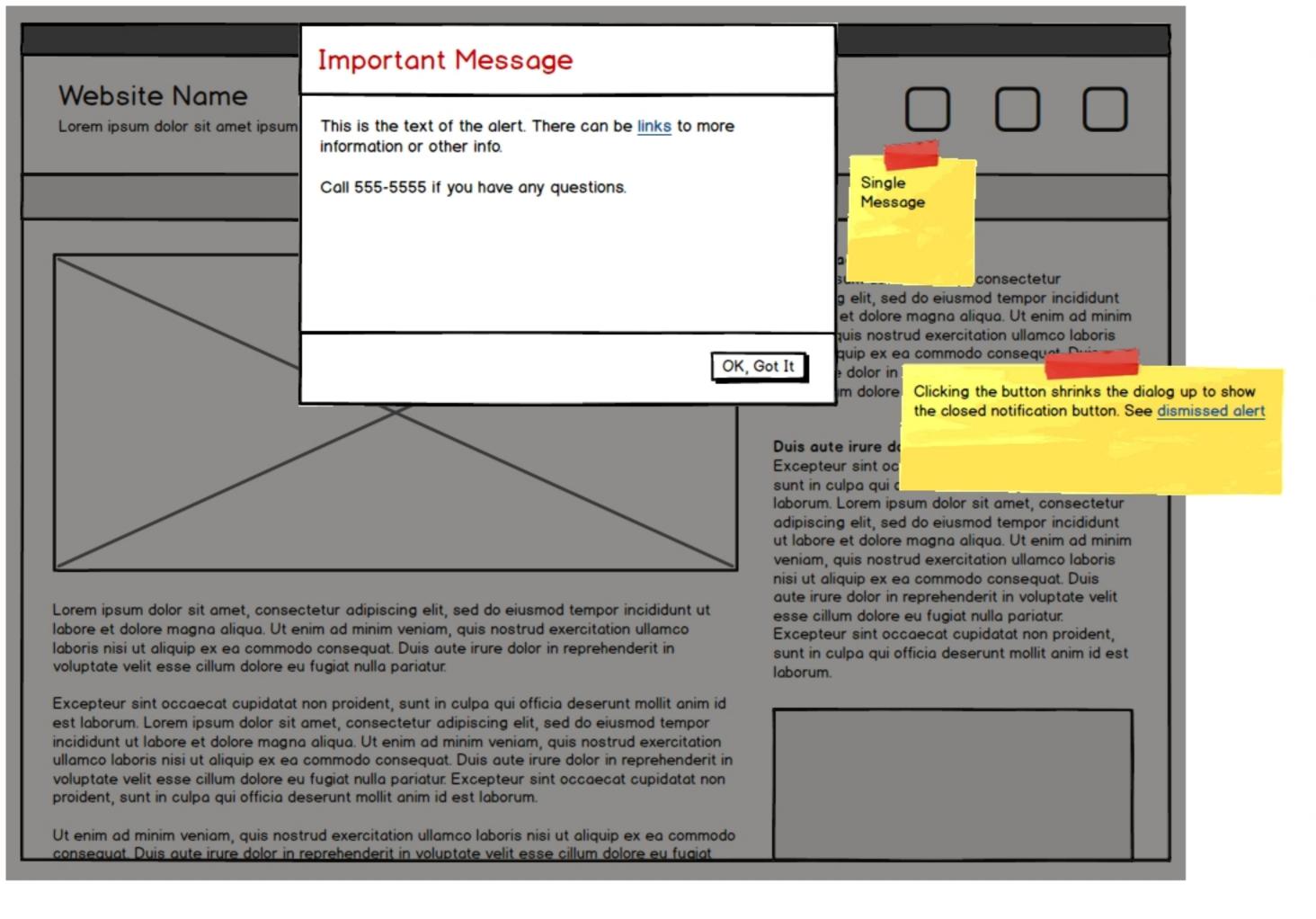
On-Screen Alerts

Problem: Administrators are often faced with the need to rapidly distribute a high-visibility message to some or all of the users in their district (either by location, or by type of user). The need to distribute these messages can often rise quickly or at inconvenient times, such as sudden weather developments or lockdowns due to a threat. As such, making it easy, visible, and widely available (for example, in mobile apps) are all important aspects of delivering a great solution.

Design Team	
Architect	Heather
User Experience	Kelly & Sara



Any code samples or working prototypes provided with this design are for reference only. Code is not intended to be copy-pasted into the final product without adjustment.



Architecture Notes:

This popup will only display if there are current alerts to display and they have not been dismissed, i.e. There is an active alert with a datetime duration that occurs during the current datetime and the start datetime for the alert is greater than the last datetime stored in the cookie.

Accessibility:

Be sure the dialog button includes an attribute of tabindex=0 and an event listening for when the keypress for enter is clicked to initiate the function to close the dialog like it does on an actual click.

Important Messages

Multiple Messages

This is the text of the alert. There can be <u>links</u> to moruinformation or other info.

Call 555-5555 if you have any questions.

This is how it will show if there are multiple alerts at once. Clicking the button dismisses all.

OK, Got It

Hi Res of OPENED state with style specs: http://note.io/1HF1kxI

			Mystart Bar
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	Imr 105	
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v	Will cont Open existing list from previous page. initial alert	
5	555-558	
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Architecture Notes:

The Important Messages only displays if there are current alerts to display that have other wise been dismissed, i.e. There is an active alert(s) with a datetime duration that occurs during the current datetime and the start datetime for the alert is less than the last datetime stored in the cookie.

Accessibility:

On the Important Messages link, there needs to be an attribute of tabindex=0 and an event listening for when the keypress for enter is clicked to initiate the function to expand the list of messages like it does on an actual click.

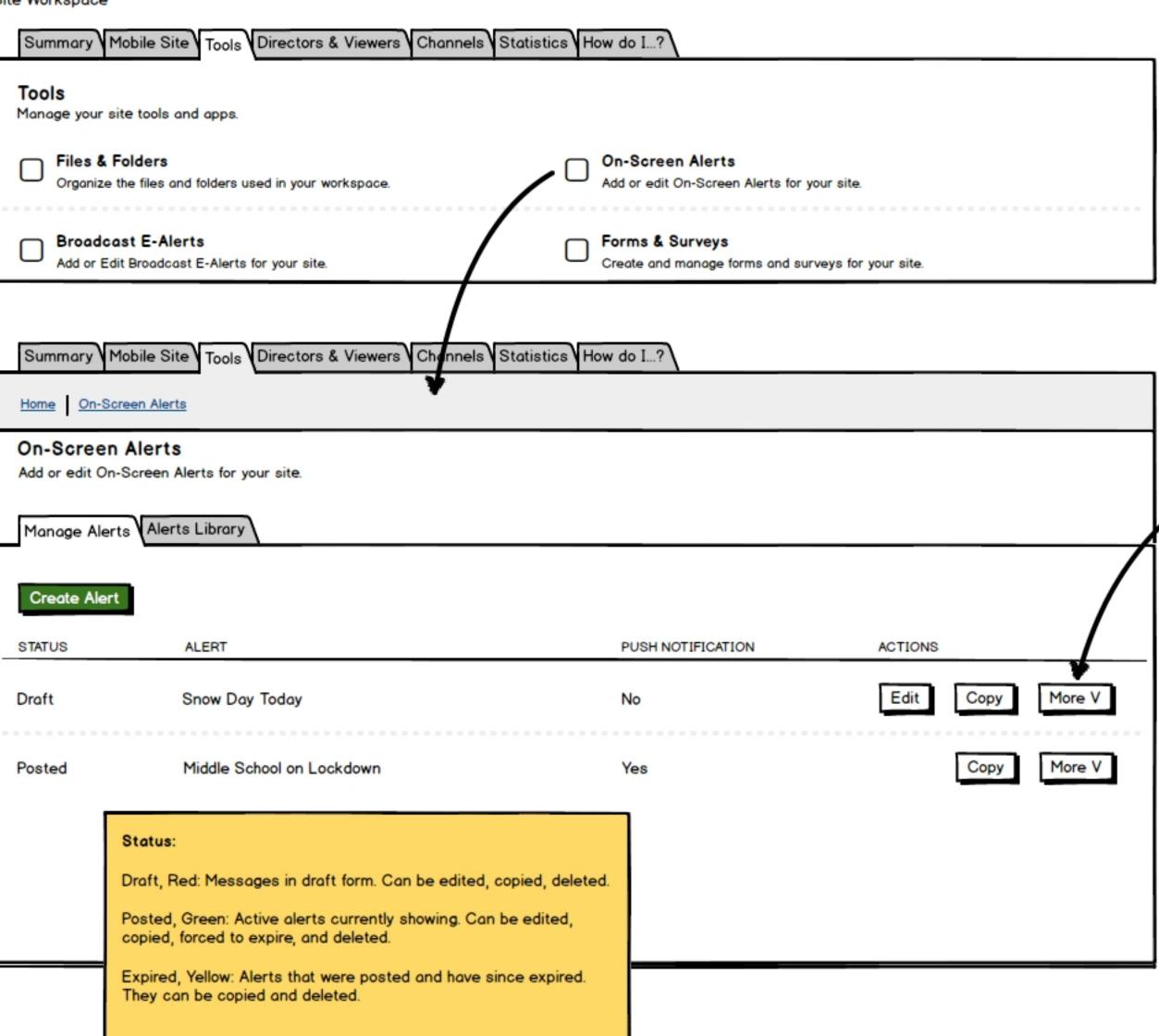
Design Notes:

Hi Res of CLOSED state with style specs: https://www.evernote.com/shard/s291/ sh/3afde3f4-7553-4854-8286-736e976005d c/554045e8b23600d8b50acee5e22e720a

Hi Res of OPENED state with style specs: http://note.io/1HF1kxI District Site

Icon Download

Site Workspace



Design Notes:

Add On-Screen Alerts to the top of the right column in tools. Keep all other tools the same.

Create Alert button on main list opens the dialog to choose a template or a blank alert.

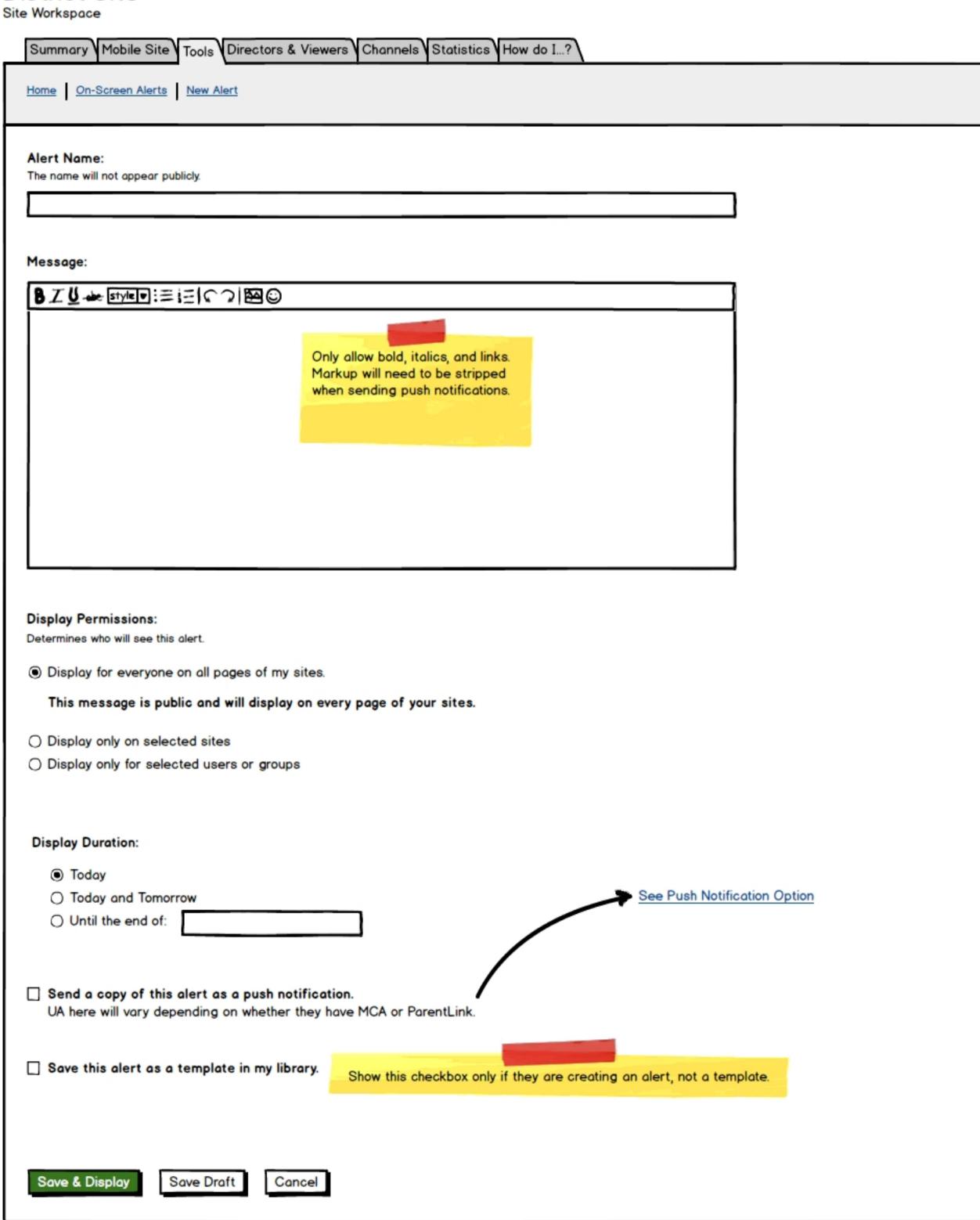
Create Template button takes the user to a new blank alert screen (skipping the dialog).

More button has Expire Now and Delete. ►Expire Now only shows for active, posted alerts.

Manage Alerts Alerts Library Create Template ACTIONS ALERT Snow Day Today This is a preview of the alert. It will display the first 100 (or whatever number) characters of the alert so users Create Alert Delete can tell which alert they are selecting the create or delete. Users can also click on the title of the alert to open the edit dialog or send the alert from there. Middle School on Lockdown Delete Create Alert Due to a suscipious package found in a locker, the middle school will be on lockdown until police can investigate. More information will be distributed as it becomes available. Please call 555-5555 if you have questions. Early Dismissal Create Alert Delete All schools will release students at 1:00 PM today due to inclement weather. Please call 555-5555 to arrange

New Alert Alert Name:	Show the two radio buttons only if the user chose to create a new alert. If they clicked add a template, hide the radio buttons and them start from scratch.
The name will not appear publicly.	Save the record to the database on "Continue".
 ● Create based on template: Snow Day ● Create from scratch. 	
Save	

District Site



Design Notes:

Only display the dropdown to use an alert from the library if the user is creating a new alert from scratch and hasn't clicked the button to create an alert from one in the library.

If the user chooses to add an alert based on a template, pre-fill all the contents in this screen. The user can then edit whatever they wish and send the modified version. Editing here will NOT change the template itself.

Display the checkbox to save it to the library as a template. If they are creating an alert from the library, don't display the checkbox.

The push notification option should only display if they have a Parentlink app to push to and it's configured correctly.

Display permissions should be saved with a template, but not the push notification setting.

Editing a message that is already posted

- Options for Today and Today/Tomorrow will be hidden from display duration. We will show the date in the "Until" field. It can be changed.
- Show additional option under display duration to Expire Immediately.
 On save, this will expire the message.
- Hide the option to save as a draft.

- Display for everyone on all pages of my sites.
- Display only on selected sites

This message is public and will display on the following sites.

Assign Sites

Remove

Remove

Bald Eagle Nittany High School

Remove

O Display only for selected groups

Modify the standard permission control to include domains.

Limit this instance to sites (no channels or sections).

- O Display for everyone on all pages of my sites.
- O Display only on selected sites
- Display only for selected groups

This message will display on every page of your sites for the following groups.



Client has ParentLink App

No display permissions set on alert OR

Domain permissions set on alert

Group permissions set on alert

Send a copy of this alert as a push notification.

Push notification will be sent to all users of the app

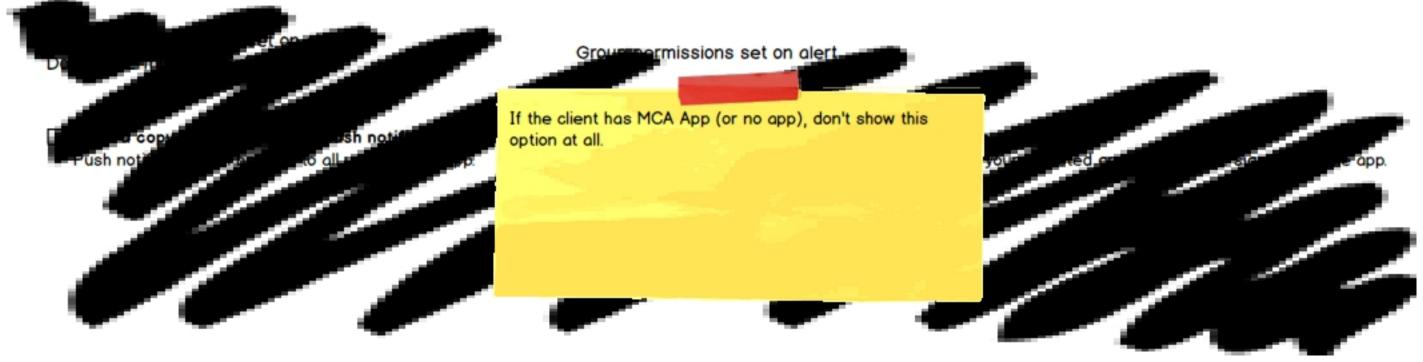
Group permissions set on alert

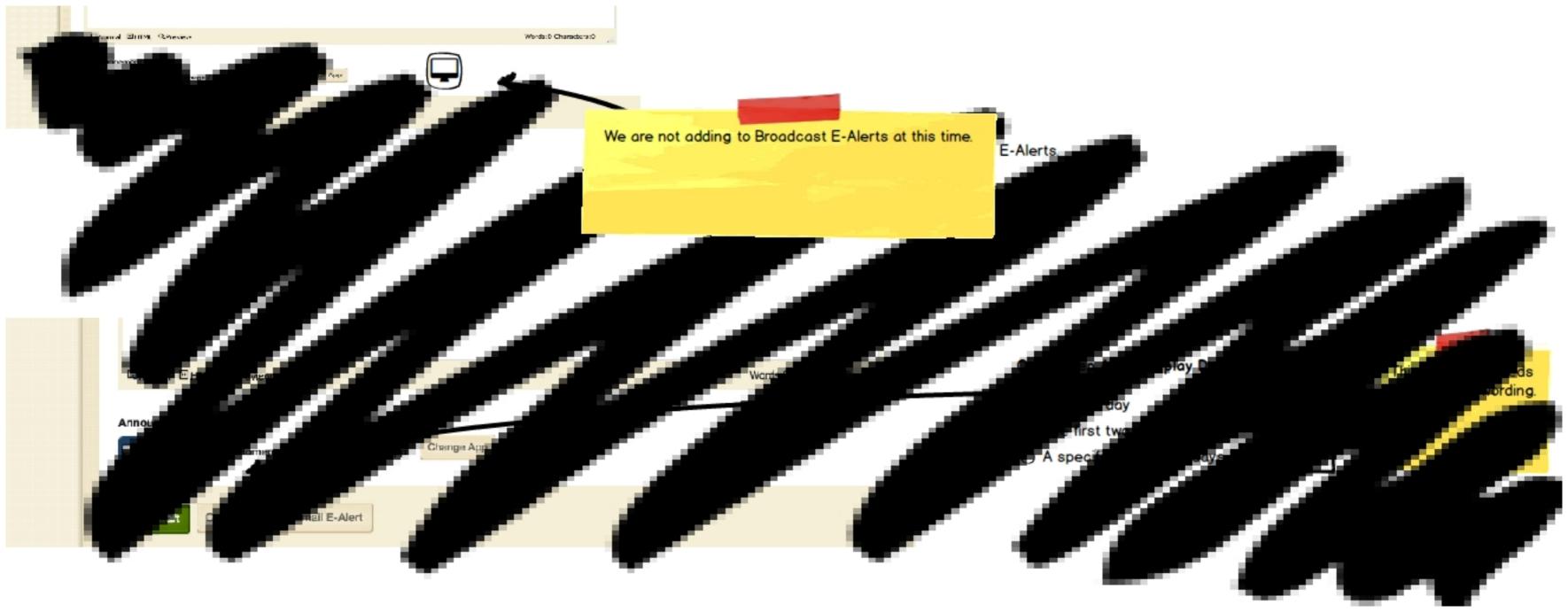
Send a copy of this alert as a push notification.

Push notification will be sent to specific groups.

Disabled

Client has MCA App





Site Manager:

District level only, at this time

Create New Alert:

Blank alert. Display Save to library option.

Create Alert from Library(dropdown in dialog):

Prefill with library alert content. Apply view permissions set. Do not display save to library option.

Create Alert from Library(from Library Tab):

Prefill with library alert content. Apply view permissions set. Do not display save to library option.

Copy:

Copy title, message, and view permissions. Default active to false, and null start and expire datetime. Append Copy to title as we do in other areas with copy feature.

Note: StartDate should reflect current datetime when alert is set to active. If active set to true at any time, set StartDate to current datetime.

Library:

Library can be different for each domain, alerts can be shared to sub-sites (domains), as well as, users and groups.

Create New Template:

Blank Alert. Do not display save to library, display duration, or send as push notification options.

View permissions may be set and will apply to alerts created from template.

NOTE: NOT DOING AT THIS TIME.

E-Alert:

Create record for OnscreenAlert bound to Alert using Subject as Title, ShortMsg as Message, and DateScheduled as StartDate for Onscreen Alert. Use Users/Groups assigned for viewing permissions for Onscreen Alert if set.

Note: Record should not be created until the scheduled date on E-Alert, if it is scheduled.

Permissions:

Modify Global Permission control to include viewing/sharing permissions for domain (site level only) in addition to user and group. Do a Static add.

Global Control Parameters to add:

AllowAddDomain - boolean; Flag to show or hide the Domain permission selection.; default - false;

Viewing - Domain & User/Group

Sharing - Domain or User/Group Not Doing Sharing at this time, will come later

Push Notifications:

Option to send push notification if the account has the Schoolwires Mobile app (sms.settings.SchoolwiresMobileApp = 1) or the ParentLink Mobile app (Check for ParentLink Profile Permission).

If Schoolwires push, send as we normally send pushes do not display or send pushes. If Parent Link, send via ParentLink api for sending messages. Schedule push in task scheduler, and do determination of which app to push to in task scheduler. http://api.parentlink.net/api/doc#BatchesHandler-POST

Note: Connecting to ParentLink API and Configuration Fields for connection will be in another design, ParentLink Relationships

Resource: https://[baseAPIUrl]/api/[apiVersion(v1)]/batches

Description: Create and send a batch.

Method: POST Parameters:

- messageSubject string; subject of message
- messageText string; used for email, cap, rss, facebook, app. supports html
- deliveryMethods array; JSON array of delivery methods for which to attempt delivery.

["app"]

Permissions: sendViaPushNotification, CREATE_CUSTOM_MESSAGES

End User:

Visibility:

Check Domain and Viewing permissions on end user to display alert. If none are set, alert appears everywhere to everyone.

Store cookie indicating alert has been dismissed with a list of dismissed OnScreenAlert IDs as its value.

Look for all alerts visible to domain and user, if alert id is not stored in the cookie as being dismissed, show the alert popup.

APIs: Expose apis to GET, POST, PUT, DELETE alerts and alert library. editPermission - relates to whether the user has workspace Resource: https://[*baseAPIUrl*]/[*apiVersion*]/alertlibrary * New permission to edit the alert, check user id against domain permissions. Description: Get list of library alerts Method: GET sharePermission - relates to whether the user has the alert shared Parameters: with them, check user id against the Alert permission tables. domainID - integer; optional; query; ID for Domain Note: Not doing share permission at this time pageNumber - integer; optional; query; Index of current page pageSize - integer; optional; query; Number of results to return per page viewPermisson - relates to whether the user can view the alert, check Permissions: editPermission (Workspace) and/or sharePermission user id against the Alert permission tables for assigned groups. If no Note: pull UserID from session to check edit (workspace) permissions; view permission set on alert, alert is public and should be included. If if domainID is included, return list for that workspace, if not included, return all alerts user can edit. no user id is included in request, only return public alerts. Resource: https://[baseAPIUrl]/[apiVersion]/alertlibrary/[AlertLibraryID] * New Description: Get single library alert Method: GET Parameters: alertLibraryID - integer; required; path; ID for AlertLibrary Permissions: editPermission (Workspace) and/or sharePermission Note: pull UserID from session to check permissions, only return result if requester has edit (workspace) or share permissions for alert. Resource: https://[baseAPIUrl]/(apiVersion]/alertlibrary * New Description: Create a new library alert Method: POST Parameters: domainID - integer; optional; query; ID for where the Domain will be created; If blank, default to top Domain ID if user has permission to edit in this workspace. title - string; required; The name of the alert message - string; required; The message of the alert permissions - json; optional; JSON object of comma-delimited list of permissions for sharing and viewing domainSharePermissions: string, optional, Comma-delimited list of Domain IDs to give sharing permissions userSharePermissions: string, optional, Comma-delimited list of User IDs to give sharing permissions groupSharePermissions: string, optional, Comma-delimited list of Group IDs to give sharing permissions domainViewPermissions: string, optional, Comma-delimited list of Domain IDs to give viewing permissions group ViewPermissions: string, optional, Comma-delimited list of Group IDs to give viewing Permissions: editPermission (Workspace) Note: pull UserID from session to check permissions, only allow if requester has edit permission at Workspace; Only Domain or Group permissions may be set for viewing (Group will trump Domain, if both are sent) Resource: https://[baseAPIUrl]/[apiVersion]/alertlibrary/[AlertLibraryID] * New **Description**: Update a library alert based on AlertLibraryID Method: PUT Parameters: alertLibraryID - integer; required; path; ID for AlertLibrary title, string; required; The name of the alert message, string; required; The message of the alert permissions - json; optional; JSON object of comma-delimited list of permissions for sharing and viewing domainSharePermissions: string, optional, Comma-delimited list of Domain IDs to give sharing permissions userSharePermissions: string, optional, Comma-delimited list of User IDs to give sharing permissions groupSharePermissions: string, optional, Comma-delimited list of Group IDs to give sharing permissions domainViewPermissions: string, optional, Comma-delimited list of Domain IDs to give viewing permissions groupViewPermissions: string, optional, Comma-delimited list of Group IDs to give viewing Permissions: editPermission (Workspace) Note: pull UserID from session to check permissions, only allow if requester has edit permission at Workspace (cannot edit shared); Only Domain or Group permissions may be set for viewing (Group will trump Domain, if both are sent) Resource: https://[baseAPIUrl]/[apiVersion]/alertlibrary/[AlertLibraryID] * New Description: Delete a single library alert based on AlertLibraryID Method: DELETE Parameters: alertLibraryID - integer; required; path; ID for AlertLibrary Permissions: editPermission (Workspace) Note: pull UserID from session to check permissions, only allow if requester has edit permission at Workspace (cannot delete shared); Resource: https://[baseAPIUrl]/[apiVersion]/onscreenalerts * New Description: Get list of onscreen alerts by permission Method: GET Parameters: domainID - integer; optional; query; ID for Domain permissionType - string; required; query; PermissionType list is being requested for, View (V) or Edit (E) pageNumber - integer; optional; query; Index of current page pageSize - integer; optional; query; Number of results to return per page Permissions: editPermission and/or sharePermission, if permission type is Edit or viewPermission, if permission type is View Note: pull UserID from session to check permissions; If domainID is included, return list for that workspace, if not included, return all alerts user can edit. Resource: https://[baseAPIUrl]/[apiVersion]/onscreenalerts/[OnscreenAlertID] * New Description: Get single onscreen alert Method: GET Parameters: onscreenAlertID - integer; required; path; ID for OnscreenAlert Permissions: editPermission (Workspace), sharePermission, and/or viewPermission Note: pull UserID from session to check permissions, only return result if requester has view, edit, or share permission Resource: https://[baseAPIUrl]/[apiVersion]/onscreenalerts * New Description: Create a new onscreen alert Method: POST Parameters: domainID - integer; optional; query; ID for where the Domain will be created; If blank, default to top Domain ID if user has permission to edit in this workspace. title - string; required; The name of the alert message - string; required; The message of the alert expireDate - datetime; required; The DateTime for the alert to expire sendPush - boolean; optional; Flag to indicate whether a push should be sent; default to false active - boolean; optional; Flag to indicate whether record is active; default to true permissions - json; optional; JSON object of comma-delimited list of permissions for viewing domainPermissions: string, optional, Comma-delimited list of Domain IDs to give viewing permissions groupPermissions: string, optional, Comma-delimited list of Group IDs to give viewing permissions Permissions: editPermission (Workspace) Note: pull UserID from session to check permissions, only allow if requester has edit permission at Workspace Resource: https://[baseAPIUrl]/[apiVersion]/onscreenalerts/[OnscreenAlertID] * New Description: Update an onscreen alert by OnscreenAlertID Method: PUT Parameters: onscreenAlertID - integer; required; path; ID for OnscreenAlert title, string; required; The name of the alert message, string; required; The message of the alert expireDate, datetime, required, The DateTime for the alert to expire sendPush, boolean, optional, Flag to indicate whether a push should be sent; default to false active, boolean, optional, Flag to indicate whether record is active; default to true permissions - json; optional; JSON object of comma-delimited list of permissions for viewing domainPermissions: string, optional, Comma-delimited list of Domain IDs to give viewing permissions groupPermissions: string, optional, Comma-delimited list of Group IDs to give viewing permissions Permissions: editPermission (Workspace) Note: pull UserID from session to check permissions, only allow if requester has edit permission at Workspace (cannot edit shared); Only Domain or Group permissions may be set for viewing (Group will trump Domain, if both are sent) Resource: https://[baseAPIUrl]/[apiVersion]/onscreenalerts/[OnscreenAlertID] * New **Description**: Delete a single onscreen alert by OnscreenAlertID Method: DELETE Parameters: onscreenAlertID - integer; required; path; ID for OnscreenAlert

Note: pull UserID from session to check permissions, only allow if requester has edit permission at Workspace (cannot delete shared);

Permissions: editPermission (Workspace)

cms.AlertLibrary *New					
Column Name	Data Type	Allo	w Nulls	Notes	
AlertLibraryID(PK)	int			Identity - Prima	ry Key
DomainID(FK)	int			ID of domain wh	ere alert was created
Title	nvarchar(50)			The name of the	alert
Message	nvarchar(max)		\square	The message of the alert	
CreateDate	datetime			Date created	
CreateByID	int			ID of user	
ModifiedDate	datetime			Date Modified	
ModifiedByID	int			ID of user	
cms.AlertLibraryPermission *New	D-t T	4.0	N. H.	Net	
Column Name	Data Type	Allo		Notes	
AlertLibraryPermissionID(PK)	int			Identity - Primar	
AlertLibraryID(FK)	int			Identity - Foreig	
PermissionType ID	nvarchar(1)				type - User (U), Group (G), Domain (D)
ID Respicaion	int		The Permission		lated User, Group, or Domain - Share (S), View (V), Edit (E)
Permission	nvarchar(1)				(S) and View (V)
cms.OnscreenAlert *New					
	Data Type		Allow	v Nulls	Notes
Column Name	Data Type int			v Nulls	Notes Identity - Primary Key
Column Name OnscreenAlertID(PK)					
Column Name OnscreenAlertID(PK) DomainID(FK)	int				Identity - Primary Key
Column Name OnscreenAlertID(PK) DomainID(FK) Title	int int				Identity - Primary Key ID of domain where alert was created
Column Name OnscreenAlertID(PK) DomainID(FK) Title Message	int int nvarchar(50)				Identity - Primary Key ID of domain where alert was created The name of the alert
Column Name OnscreenAlertID(PK) DomainID(FK) Title Message StartDate	int int nvarchar(50) nvarchar(max)				Identity - Primary Key ID of domain where alert was created The name of the alert The message of the alert
Column Name OnscreenAlertID(PK) DomainID(FK) Title Message StartDate ExpireDate	int int nvarchar(50) nvarchar(max) datetime				Identity - Primary Key ID of domain where alert was created The name of the alert The message of the alert The DateTime when the alert started (se
Column Name OnscreenAlertID(PK) DomainID(FK) Title Message StartDate ExpireDate SendPush	int int nvarchar(50) nvarchar(max) datetime datetime				Identity - Primary Key ID of domain where alert was created The name of the alert The message of the alert The DateTime when the alert started (so
Column Name OnscreenAlertID(PK) DomainID(FK) Title Message StartDate ExpireDate SendPush Active	int int nvarchar(50) nvarchar(max) datetime datetime boolean				Identity - Primary Key ID of domain where alert was created The name of the alert The message of the alert The DateTime when the alert started (so The DateTime for the alert to expire Flag to indicate whether a push should be
Column Name OnscreenAlertID(PK) DomainID(FK) Title Message StartDate ExpireDate SendPush Active CreateDate	int int nvarchar(50) nvarchar(max) datetime datetime boolean boolean				Identity - Primary Key ID of domain where alert was created The name of the alert The message of the alert The DateTime when the alert started (so The DateTime for the alert to expire Flag to indicate whether a push should be Flag to indicate whether record is active
Column Name OnscreenAlertID(PK) DomainID(FK) Title Message StartDate ExpireDate SendPush Active CreateDate CreateByID	int int nvarchar(50) nvarchar(max) datetime datetime boolean boolean datetime				Identity - Primary Key ID of domain where alert was created The name of the alert The message of the alert The DateTime when the alert started (so The DateTime for the alert to expire Flag to indicate whether a push should be Flag to indicate whether record is active Date created
OnscreenAlertID(PK) DomainID(FK) Title Message StartDate ExpireDate SendPush Active CreateDate CreateByID	int int nvarchar(50) nvarchar(max) datetime datetime boolean boolean datetime int				Identity - Primary Key ID of domain where alert was created The name of the alert The message of the alert The DateTime when the alert started (so The DateTime for the alert to expire Flag to indicate whether a push should be Flag to indicate whether record is active Date created ID of user
Column Name OnscreenAlertID(PK) DomainID(FK) Title Message StartDate ExpireDate SendPush Active CreateDate CreateByID ModifiedDate	int int nvarchar(50) nvarchar(max) datetime datetime boolean boolean datetime int datetime				Identity - Primary Key ID of domain where alert was created The name of the alert The message of the alert The DateTime when the alert started (so The DateTime for the alert to expire Flag to indicate whether a push should be Flag to indicate whether record is active Date created ID of user Date Modified
Column Name OnscreenAlertID(PK) DomainID(FK) Title Message StartDate ExpireDate SendPush Active CreateDate CreateByID ModifiedDate	int int nvarchar(50) nvarchar(max) datetime datetime boolean boolean datetime int datetime				Identity - Primary Key ID of domain where alert was created The name of the alert The message of the alert The DateTime when the alert started (so The DateTime for the alert to expire Flag to indicate whether a push should be Flag to indicate whether record is active Date created ID of user Date Modified
Column Name OnscreenAlertID(PK) DomainID(FK) Title Message StartDate ExpireDate SendPush Active CreateDate CreateByID ModifiedDate ModifiedByID	int int nvarchar(50) nvarchar(max) datetime datetime boolean boolean datetime int datetime	Allo			Identity - Primary Key ID of domain where alert was created The name of the alert The message of the alert The DateTime when the alert started (so The DateTime for the alert to expire Flag to indicate whether a push should be Flag to indicate whether record is active Date created ID of user Date Modified

cms.OnscreenAlertPermission *New			
Column Name	Data Type	Allow Nulls	Notes
OnscreenAlertPermissionID(PK)	int		Identity - Primary Key
OnscreenAlertID(FK)	int		Identity - Foreign Key
PermissionType	nvarchar(1)		The permission type - User (U), Group (G), Domain (D)
ID	int		The ID of the related User, Group, or Domain
Permission	nvarchar(1)		The Permission - Share (S), View (V), Edit (E) Can set View (V)
The state of the s			

	Data Tura and Allegar	Neter
Colum	Data Type	Notes
Onse		The ID
ExpireDate	AND THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF	
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