### Step 1: Deploy the Angular Application

* Build the Angular application:

In the application’s directory, open a terminal or command prompt.

Run the command to create the necessary deployment files:

This command generates a dist folder in your project directory, containing all required static files.

* Host the application:

Select a hosting provider that supports static file hosting, such as Azure, AWS S3, Firebase Hosting, or a custom web server.

* For Azure:

Log into your Azure account.

Set up an Azure App Service to host the application, or use Azure Static Web Apps if only static hosting is required.

Upload the dist folder’s contents to the server.

Once the deployment is complete, a public URL will be provided for your Angular app.

For other platforms: Follow the specific hosting instructions of your chosen platform to upload and serve the application files.

### Step 2: Integrate the Angular App into Dynamics 365 Using an iframe

* Access Dynamics 365:

Sign into Dynamics 365 and navigate to the specific instance where you intend to display notifications.

Go to the particular Solution or entity (e.g., Task, Lead, or another entity) where you want to add the notification system.

* Open the entity form:

Within the Solutions designer, choose the desired entity and select **Forms**.

Open the **Main Form** where you want the notifications displayed and enter the Form Editor.

Add an iframe to the form:

In the Form Editor, select the **Insert** tab.

Choose **Iframe** to add an iframe element to the form.

This opens the iframe properties dialog box.

Configure the iframe URL:

In the URL field, input the URL of your deployed Angular application (e.g., https://your-app.azurewebsites.net).

**Name**: Assign a unique name to your iframe, such as NotificationIframe.

**Label**: Give the iframe a title, like "Notifications".

Display options:

Select **View as iframe** to embed the content as an iframe.

Enable **Automatically resize** to adjust the iframe size according to the Angular app’s content.

Set security and visibility preferences:

Domain security: Ensure that your Angular app's URL is included in the trusted domains list in Dynamics 365 to prevent any restrictions on iframe content display.

Visibility conditions: If you want notifications to display only under certain conditions, set up conditional visibility.

Autoload: Set the iframe to automatically load when the form is opened.

Save and publish the form:

Click **Save** in the form editor.

Select **Publish** to apply your changes and make the iframe visible to users.

### Step 3: Test Notification Display

Open the entity in Dynamics 365:

Go to the entity for which the form was configured with the iframe.

Open a record to view the active form.

Verify iframe display:

The iframe should show your Angular app with the notification component, allowing users to see real-time notifications for tasks due or pending records directly within the Dynamics 365 form.

### Step 4: Customization and Troubleshooting

Customization:

If the iframe dimensions aren’t suitable, return to the form editor to modify the size or enable auto-resizing.

You can further tailor the Angular app to provide specific interactions or updates based on data from Dynamics 365.

Troubleshooting:

If the iframe isn’t displaying properly, ensure the URL is accurate and the domain of your Angular app is trusted in Dynamics 365.

Verify the browser’s security settings to ensure no restrictions are blocking the iframe from loading.