**Step 1: Deploy the Angular app**

1. **Build the Angular applications** :
   * Open your terminal or command prompt in the directory of your Angular application.
   * Use the following command to generate the files needed for deployment:
   * This will create a dist folder in your project directory with all the necessary static files.
2. **Host the app** :
   * Choose a hosting platform that supports static files (e.g., **Azure**, **AWS S3**, **Firebase Hosting**, or your own web server).
   * **Azure** :
     + Sign in to your Azure account.
     + Create an **Azure App Service** to host the app, or use **Azure Static Web Apps** if you only need static hosting.
     + Upload the files from the dist folder to the server.
     + Once deployed, you'll get a **public URL** for your Angular app
   * **Other platforms** : Follow the specific instructions of the chosen platform to download and host the application files.

**Step 2: Integrate the Angular app into Dynamics 365 via an iframe**

1. **Go to Dynamics 365** :
   * Sign in to Dynamics 365 and navigate to the instance where you want to view notifications.
   * Navigate to the **specific** Solution or entity where you want to add the notification system (e.g., Task, Lead, or other entity).
2. **Open the entity form** :
   * In the **Solutions** designer, select the entity, and then choose **Forms**.
   * Select the Main Form on which you want to display notifications and open it in the Form Editor.
3. **Add an iframe to the form** :
   * In the Form Editor, go to the **Insert** tab .
   * Click Iframe to add an iframe element to the form.
   * An iframe properties **dialog box**  opens.
4. **Configure the iframe URL** :
   * In the **URL field**, enter the URL of your deployed Angular application (the one obtained at the deployment stage, for example, https://votre-application.azurewebsites.net).
   * **Name** : Give your iframe a unique name, such as NotificationIframe.
   * **Label** : Give the iframe a title, such as "Notifications".
   * **Display Options** :
     + **View as iframe** : Enable this option to have content embedded as an iframe.
     + **Automatically resize** : You can enable this option to automatically adjust the size of the iframe according to the content of the Angular application.
5. **Set security and visibility settings** :
   * **Domain security** : Make sure that the URL for your Angular app is in the list of trusted domains in Dynamics 365. This may be necessary to display the contents of the iframe without restrictions.
   * **Visibility restrictions** : If you want notifications to be visible only in certain cases, you can configure conditional visibility.
   * **Autoload** : Make sure the iframe is set to load automatically when the form is opened.
6. **Save and publish the form** :
   * Click **Save** in the form designer.
   * Click **Publish** to apply the changes and make the iframe visible to users.

**Step 3: Test the display of notifications**

1. **Open the entity in Dynamics 365** :
   * Navigate to the entity for which you configured the form with the iframe.
   * Open a record to see the live form.
2. **Check the iframe display** :
   * The iframe should display your Angular app with the notification component.
   * Users will see notifications about tasks due or pending records in real-time, directly in the Dynamics 365 form.

**Step 4: Customization and troubleshooting**

1. **Customization** :
   * If the iframe is too small or doesn't fit well, you can go back to the form editor to adjust the dimensions or turn on auto-resizing.
   * You can further customize your Angular app to include specific interactions or updates based on Dynamics 365 data.
2. **Troubleshooting** :
   * If the iframe doesn't display correctly, make sure that the URL is correct and that your Angular app's domain is trusted in Dynamics 365.
   * Check the browser's security settings to make sure there are no restrictions preventing the iframe from loading.