



Vuforia setup

Suman

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Create a Vuforia Account And License

- **Step 1:** Register for **Vuforia Developer Account**: <https://developer.vuforia.com/vui/auth/register> and fill the details and then click **Create account** button.
- **Note:** Fill your own details
- **Step 2:** On successful completion, you will receive the following message and a confirmation mail to your email.



First Name * openclubs	Last Name * lse
Company * openclubs	Country * India
Email Address * openclubslse@gmail.com	Username * openclubs
Password *	Confirm Password *
<div><div> I'm not a robot</div><div> reCAPTCHA Privacy - Terms</div></div>	
<div><input checked="" type="checkbox"/> I agree to the terms of the Vuforia Developer Agreement.</div> <div><input checked="" type="checkbox"/> I acknowledge that my personal details will be processed in accordance with PTC's privacy policy and may be used for marketing purposes by PTC Inc. its subsidiaries and members of the PTC Partner Network, solely for the promotion of PTC's products and associated services.</div>	
<div>Create account</div>	



- Then Sign In to the vuforia account



- **Create a Vuforia Database**
- **Step 1:** Login to your **Vuforia Developer Portal**. Click **Target Manager** and then click **Add Database**.
- **Step 2:** In the Create Database window, type a relevant database name and click **Create Database**. (You can create Device, Cloud, VuMark databases. For now choose Device).
- **Step 3:** Your Vuforia database will be created like this.



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License Manager

Target Manager

Target Manager

Add Database

Use the Target Manager to create and manage databases and targets.

Search

Database	Type	Targets	Date Modified
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Create Database

Database Name *

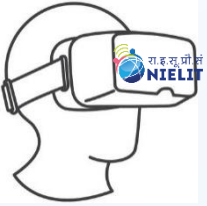
MyVuforiaDatabase

Type:

- ☒ Device
- ☐ Cloud
- ☐ VuMark

Cancel

Create



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License ManagerTarget Manager

Target Manager

Add Database

Use the Target Manager to create and manage databases and targets.

Search

Database	Type	Targets	Date Modified
MyVuforiaDatabase	Device	0	Dec 18, 2020



Add Target(s) To Your Vufoia Database



- **Step 1:** In your **Vuforia Developer Portal**, click **Target Manager** and then click on your database. The following window will open.
- **Step 2:** Click Add Target



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License Manager

Target Manager

[Target Manager](#) > [MyVuforiaDatabase](#)

MyVuforiaDatabase

[Edit Name](#)

Type: Device

Targets (0)


Add Target


Download Database (All)

☐

Target Name

Type

Rating 

Status 

Date Modified




- **Step 2:** Download [this image](#) to your computer.
- **Step 3:** In the Add Target window, click **Browse** and select the image you downloaded in the previous step. Set **Width** as 1 and then click **Add**.




Step 1: In your **Vuforia Developer Portal**, click **Target Manager** and then click on your database. The following window will open.

Add Target


Type:




Single Image



Cuboid



Cylinder



3D Object

File:

.jpg or .png (max file 2mb)

Width:

Enter the width of your target in scene units. The size of the target should be on the same scale as your augmented virtual content. Vuforia uses meters as the default unit scale. The target's height will be calculated when you upload your image.

Name:

Name must be unique to a database. When a target is detected in your application, this will be reported in the API.



Step 4: Your target image will be added and displayed like this:


MyVuforiaDatabase [Edit Name](#)

Type: Device

Targets (1)

Add Target

Download Database (1)

<input checked="" type="checkbox"/>	Target Name	Type	Rating i	Status v	Date Modified
1 selected Delete					
<input checked="" type="checkbox"/>	 BigRoboImage	Single Image	★★★★★	Active	Dec 18, 2020 16:59



- **Step 5:** To download the target database, click the check box **Target Name** and then click **Download Database**. In the Download Database window, choose **Unity Editor** and then click **Download**.



Download Database

1 of 1 active targets will be downloaded

Name:

MyVuforiaDatabase

Select a development platform:

☐ Android Studio, Xcode or Visual Studio

☒ Unity Editor

Cancel

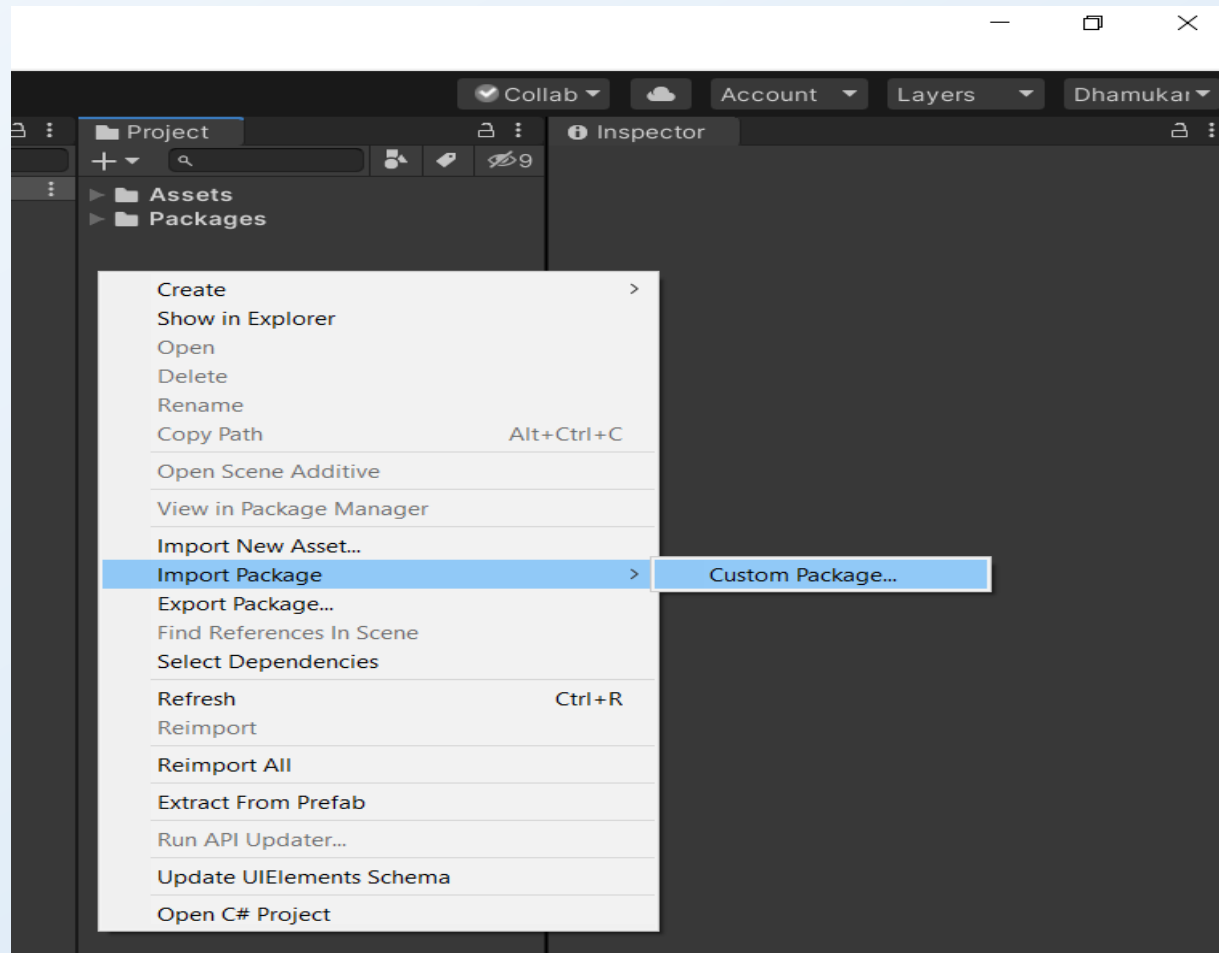
Download



Import Vuforia AR SDK to Unity Project



- **Step 1:** Download **Vuforia.unitypackage** from this link: <https://tinyurl.com/y8fe9j6h>
- **Step 2:** Open your Unity project. Right-click on the **Project** panel and click **Import Package > Custom Package**.





- **Step 3:** Select the **Vuforia** package that you downloaded from the previous step. In the **Import Unity Package** window, click **Import**. Wait for the process to complete.
- Your Vuforia package will be imported and displayed like this.

