

# Peer-graded Assignment: NativeScript Plugins

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The final assignment concentrates on NativeScript plugins. You can find the links to these plugins in the additional resources. In this assignment you will use a new Phone plugin to enable your application to initiate a phone call using the Native phone dialer. Also you will enhance the application to use an image from the photo library on your device using the ImagePicker plugin.

## Step-By-Step Assignment Instructions

This assignment consists of two tasks:

### Task 1

In this task you will be using the NativeScript [Phone](#) plugin to support the ability for the application to make a phone call using the native phone dialer.

- You will update the contact page in the *contact.component.ts* file to use the Phone plugin to set up a function named *callRestaurant()* within which you will initiate the call to the restaurant.
- You will update the call button in *contact.component.html* to initiate the call whenever the button is clicked.

### Task 2

In this task you will make use of the NativeScript [ImagePicker](#) plugin to enable your application to fetch an image from the photo library.

- Update *userauth.component.ts* to set up a function named *getFromLibrary()* that fetches the image from the photo library on the device using the ImagePicker plugin support. Details of setting up the source to be the Photo Library can be found in the plugin documentation.
- Update *userauth.component.html* to include a new button named Select Image that when clicked will initiate the process to enable the user to select a picture from the photo library using the ImagePicker plugin.

## Review criteria

Your submission will be graded based on the following criteria:

### Task 1

- The NativeScript phone plugin is correctly included and used within your application.

- The `callRestaurant()` method is correctly set up within *contact.component.ts* to use the phone plugin to initiate the call.
- The call button in *contact.component.html* is updated to initiate the call.

## **Task 2**

- The *userauth.component.ts* is updated to implement the `getFromLibrary()` function that uses the ImagePicker plugin to enable the fetching of the image from the photo library.
- The *userauth.component.html* file is updated to include a button named Select Image that will initiate the procedure to enable the user to select a picture from the photo gallery.