Setup Phonegap in Window System:

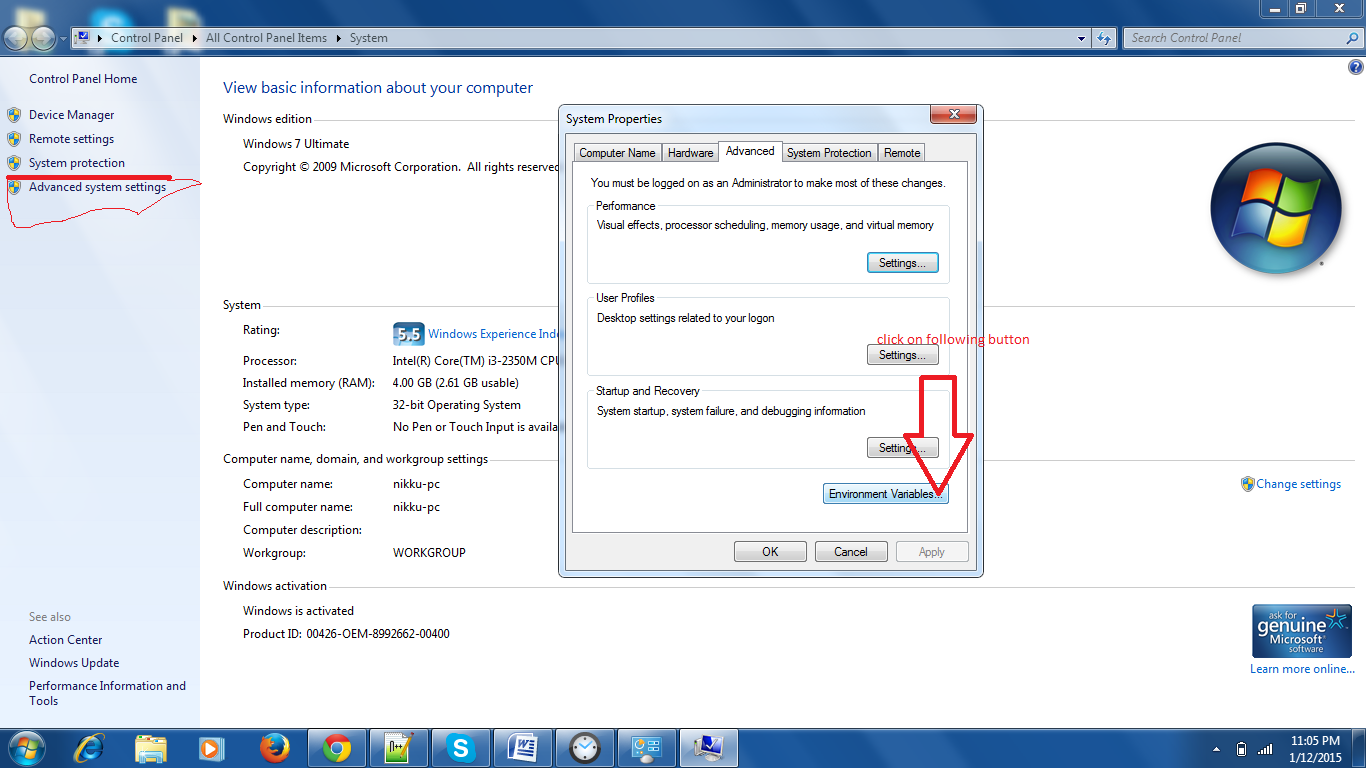
System Requirement:

1. Java development kit (JDK) and JRE : <http://www.oracle.com/technetwork/java/javase/downloads/index.html>
2. Android SDK   
   (http://developer.android.com/sdk/index.html#Other)
3. NodeJs :  
    http://nodejs.org/
4. Apache Ant : http://ant.apache.org/
5. Ruby setup :   
   https://www.ruby-lang.org/en/downloads/  
     
     
   **Step 1 :**  
   a) Install all above tools in your system

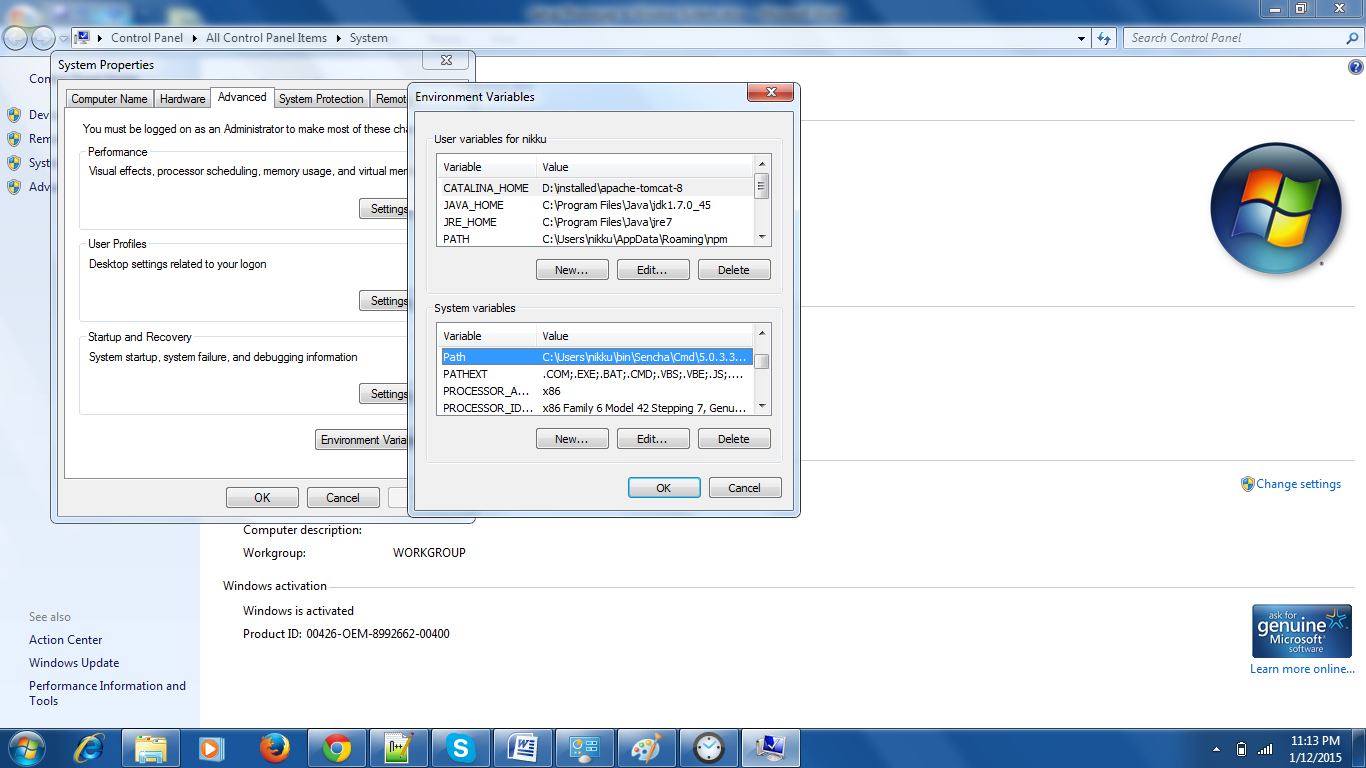
b) Then set **environment**variable for each one.

Just go My computer>Properties> Advanced Systems> Settings > **Environment**variables

See the screen shot



See the screen;



Select Path option in Systems Variables and Click on **EDIT** button.

c) Put the following path in there

**Java (JDK ):**   
C:\Program Files\Java\jdk1.7.0\_45\bin

**Android SDk:**   
1) D:\installed\android-sdk\sdk\platform-tools

2) D:\installed\android-sdk\sdk\tools

**Apache ANT:**

D:\installed\apache-ant-1.9.4\bin  
  
**Ruby :**

C:\Ruby21\bin

Your string should be look like this in **PATH** :

C:\Program Files\Java\jdk1.7.0\_45\bin; D:\installed\android-sdk\sdk\platform-tools; D:\installed\android-sdk\sdk\tools; D:\installed\apache-ant-1.9.4\bin; C:\Ruby21\bin

Step 2:

1. Open command prompt and type following command :

npm install cordova

you can also refer this link:

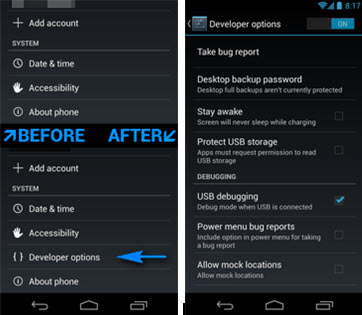
<http://cordova.apache.org/docs/en/4.0.0/guide_cli_index.md.html>

Then check you cordova version with following command:

cordova -v  
  
b) please extract PnApp.zip file which I provided you. Then move that folder is any secure location instead of download directory. And just go on inside the app folder by command prompt

you can also refer this link : <http://cordova.apache.org/docs/en/4.0.0/guide_cli_index.md.html>

see “Test the App on an Emulator or Device” in above link.  
  
You can create virtual device : <http://www.embarcadero.com/starthere/xe5/mobdevsetup/android/en/creating_an_android_emulator.html>  
  
or you can also direct run app in real device by

  
  
with USB Debugging . you can easily compile your app in real device. Please turn on Debugging your device. And install mobogenie in you system : <http://www.mobogenie.com/in/> . then connect device with your system and see on mobogenie. If device in connected just go on command prompt and

Just go on app folder like :

* Cd D:\application\phonegap\PnApp

And run following command

* D:\application\phonegap\PnApp **cordova run android**and then the app will be compile on device  
    
    
    
    
  Code part:

**Phonegap project:**

1. www/Main\_pn.html is play main role for registering device ID and we are storing the device ID in database with the help of ajax.

**Push notification flow:**

App does load main\_pn.html first then mian\_pn.html store the regiterID in database by ajax. (androidpusher-master \api.php). after done the process the page redirect in index.html

**Php push notification script:**

1. api.php is using for saving device ids in the database.
2. **push\_notification.php is used for sending message to device**
3. **Pusher.php is push notification class  
   we can send message on devices with following calls:**$apiKey = "AIzaSyDYGCnEfEesGJgM-5C7oGnpgGhUB7CH1E4"; // provide by google console account

$regId =” "; // device ID generate by phoegap

$pusher = new Pusher($apiKey);

Notify() method take 2 argument . one is device id and message

$pusher->notify($regId, "Hi Ravi, How Are you");

You also see the GCm status by this method

print\_r($pusher->getOutputAsArray());

**Note :**

please make one table in you database with using (reg\_device.sql). and use push\_notification.php code in your real file.   
  
connect\_class.php and config.php is temporary if you have already database connection files . These will be replace your framework code.