

**Trường Khoa học Tự Nhiên TP.HCM**

Trung tâm Đạo tạo Quốc Tế - ITEC

**Project Management**

**Mobile demo tools**

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**Group 10**

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# Group 10

This document was created in order to give a brief description about Project Management Games . In this document , we try to put everything that we hint to do for the seminar.

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Project Management:

Responsibilities: Find some simulation tools which can be used online and offline for practices.

Others: Manage what we found and make a comparison to give audiences an overview.

# Introduction to screen sharing

1. **What is screen sharing (screen mirroring)**

* Screen sharing is a popular feature in many of the newest technologies that support businesses, from meeting-based video conferencing tools to new cloud-based software as a service deliveries. More and more of modern business and modern life is now being done over the Internet, with remote collaboration. With that said, screen sharing has become a vital part of the advancement in telecommuting and virtual collaboration systems.
* Here are top five popular screen sharing tools:
  + Teamviewer 11.
  + Skype.
  + Project my screen.
  + Screen leap
  + Reflector 2.

1. **Signing up**

* Nowadays, many tools have been developed to support sharing screen between two different devices such as PC to PC or PC to phone.

1. **Using**

* There are many methods that help user to mirror their sceen:
  + Using USB cable to connect 2 devices.
  + Sharing screen by using wireless.
  + User can also mirroring their device’s screen if their devices use the same network.

1. **Features**

* There is only free version but people can use all functions.
* Enlarging phone screen.
* Controlling mobile phone by mouse.
* Doing some meticulous job such as drawing, sketching…
* Feeling more confortable when people playing game in a big screen.

1. **Requirement**

* First, user must have at least one computer or laptop
* Besides that, smart devices are indespensable such as smart phone, tablet…
* Wireless.
* USB cable if your phone can not connect to wireless.
* In Android phone, it must be over Android 5
* For Windows phone, it must be Windows 8.1 and later.
* Finally, it requires Ios 8 and upper.

1. **Moblie and pc screen recorder**

* **Mobile**
* Windows phone, Microsoft has support a.
* IOS: recorder.
* Android: AZ screen recorder.
* **PC**
* Bandicam

# Tools

## Project my screen

****

### **History**

* When Microsoft detailed what would be part of its Windows Phone 8.1 update, one of the features that caught our eye was the introduction of ‘Project My Screen.’ Having the ability to display a smartphone’s screen output on a computer may not seem too exciting at first, but if you throw a touch-screen monitor into the equation, things start to get interesting. Unfortunately though, the PC aspect of the whole thing wasn’t quite ready, leaving eager tweakers to sit on their hands and wait.
* It is now available to download for free from Microsoft’s servers and, by all accounts, it actually works pretty well.

### **Introduction**

* Downloading and installing the Project My Screen app is standard fare, with users then required to connect their phone via USB. All required drivers should then automatically be installed and assuming all goes well and following a prompt, users should see a nice Windows Phone home screen on their computer.

### **Signing up**

* Because it is totally free so you just download Project my screen on your PC.
* Besides that, your Windows phone must be Windows phone 8.1 or later to use this function.

### **Feature**

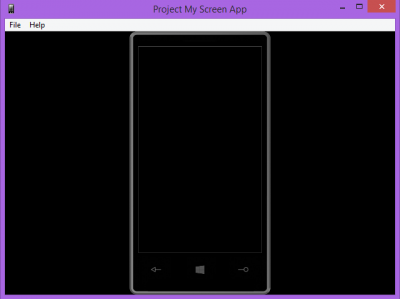
* Project my phone screen to a TV or PC is new feature which is added after windows phone 8.1 update.
* It can also project to TV, monitor or projector by using a wireless connection.
* Project my screen via USB connection works fine with most of the devices.
* Totally free to use all the functions.
* Smoothly and no delay time.
* Easy to use with clearly instruction.
* Sometimes, screen sharing can help user to fix some problems in their phone or their pc as well.



(Source: <https://play.google.com/store/apps/details?id=com.teamviewer.teamviewer.market.mobile> )

### **Manual for client**

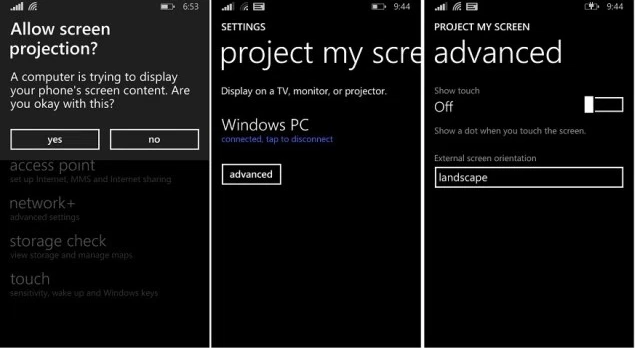
* **On your computer.**
  + First, download Project my screen on your PC.
  + Second, complete the installation.
* Launching the application and launch the application and you will be able to see a screen with a Windows Phone skin like this:



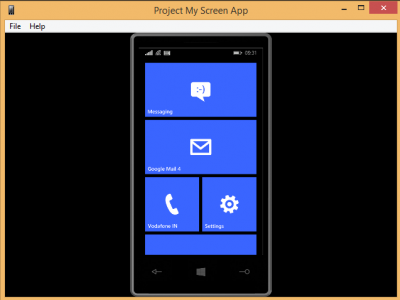
* **On your Windows phone:**

1. Connect your Windows Phone to the PC via USB cable. If your phone is one among Lumia 630 to 1520, you need not connect via USB, as these phones are capable of streaming the screen over Wi-Fi. Just make sure that your phone’s WiFi is enabled.
2. Then you will be able to see a prompt on your phone, “Allow Screen Projection?” Click on “Yes” to see your screen streamed on your PC instantly.

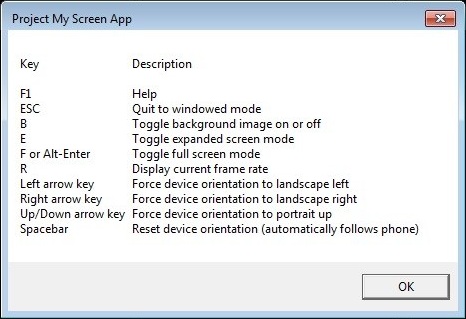
- If you are not able to see the prompt, head over to the “Settings” option in the Apps list of your phone and select “Project My Screen” option. Just check if you are able to see your Windows PC is listed as available, if not make sure you have connected your phone to PC. Tap on it to connect and you should be able to see your current screen streamed on PC.



1. This is how the projected screen on the PC looks like:



* **Connecting to TV, monitor or projector.**
* First, be sure your phone’s Wifi is turned on
* Then, tap Setting > Project my screen in the App list.
* Finally, tap the device you want to connect to. Your phone will automatically detect any nearby devices that can support a wireless display connection with your phone.
* **Notes:**
* If your phone is having trouble connecting to an external display, tap Advanced > Fixto help fix the connection issue. If you’re still having trouble connecting, the wireless device you’re trying to connect to may need an update. Go to your manufacturer’s website to see if there’s an update for your wireless device.
* Projecting your phone screen using a wireless connection is only available on certain phones.
* Lumia 1520 lacks driver at moment, with Lumia cyan update, you will be able to use this.
* **Advanced Settings and Tips:**
* On your phone, under the “Project my screen” settings, click on “Advanced” option to have more control over your projected screen. You can control the orientation, enable or disable the touch options and set the color of the touch dot.
* On your PC, you could toggle between full screen and windowed mode by pressing “F”.
* Here are some tips on your PC:



* **If screen projection over USB doesn't work, you need to follow these steps:**

1. Disconnect your phone and exit the Project My Screen app on your PC.
2. Open Device Manager.
3. Open the View menu and select "Show hidden devices".
4. Expand the "Portable Devices" and "Universal Serial Bus devices" categories and uninstall all devices relating to your phone.
5. Restart your computer if prompted.
6. Open the Project My Screen app again and connect your phone with USB. The prompt should show up on your phone now.

* **To stop projecting over USB, you can do any of the following:**

1. Disconnect your phone from the computer.
2. Close the Project My Screen app.
3. Go to Settings → Project my screen and tap on the text that says "tap to disconnect".
4. If you have this feature set as one of the quick actions in the action centre, simply swipe down from the top of the screen to open action centre, then tap on the respective quick action button.

### **Advantages and disadvantages of this tool**

|  |  |
| --- | --- |
| Advantages | Disadvantages |
| * show your dot touch on the PC screen | * Can only use for Windows phone. |
| * Easy to use with simple User interface | * Windows 9 and below require USB cable to connect to PC. |
| * provided advance setting to use this tool conveniently |  |
| * Using Usb cable can help user to prevent hacking from other person. |  |
| * working smoothly without delays or lag. |  |

### **Demo**

### **Comparing to other tools**

# Preference

* How to get Project My Screen working with Windows 10 Mobile by KN - June 25, 2016: <http://www.nokiapoweruser.com/windows-phone-8-1-tip-how-to-project-phones-screen-on-a-pc/>
* How to use ‘Project my Screen’ in Windows Phone 8.1 by Rick 2 years ago: <http://www.windowappreviews.com/use-project-screen-windows-phone-8-1/>