# About mobile.py

The application mobile.py, built on Python2.7, consists of a simple graphical user interface (GUI) that allows end-users to interact with PD3D’s Bluetooth-enabled smart devices.

# Installation Instructions

The application mobile.py has been installed and deployed in the following operating systems;

## Windows 7

In order to install and execute mobile.py on a Windows 7 system, the user must;

1. Install [Python2.7](https://www.python.org/downloads/) from the Python website
2. Install [PyBluez](https://pypi.python.org/pypi/PyBluez) Bluetooth extension module for python
   1. Download the executable file (MS Windows Installer) for Python2.7
   2. Run the installer and follow the instructions
3. Install [PySerial](https://pypi.python.org/pypi/pyserial/3.2.1) through the Windows command prompt, using administrator privileges
   1. Start > Run *cmd.exe* as Administrator
   2. > cd C:\Python27
   3. > python –m pip install pyserial
4. Install Tkinter