commercial applications. Python can run on Mac, Windows, and UNIX systems and has also been ported to Java and .NET virtual machines. Python is considered a scripting language, like Ruby or Perl and is often used for creating Web applications and dynamic Web content. It is also supported by a number of 2D and 3D imaging programs, enabling users to create custom plugins and extensions with Python. Examples of applications that support a Python API include GIMP, Inkscape, Blender, and Autodesk Maya. Scripts written in Python (.PY files) can be parsed and run immediately. They can also be saved as a compiled programs (.PYC files), which are often used as programming modules that can be referenced by other Python programs [9].

Sublime Text 3 is a lightweight, cross-platform code editor known for its speed, ease of use, and strong community support. It’s an incredible editor right out of the box, but the real power comes from the ability to enhance its functionality using Package Control and creating custom settings

OpenCV (Open Source Computer Vision Library) is also used. It is released under a BSD license and hence it’s free for both academic and commercial use. It has C++, C, Python and Java interfaces and supports Windows, Linux, Mac OS, iOS and Android. OpenCV was designed for computational efficiency and with a strong focus on real-time applications. OpenCV isa library of programming functions mainly aimed at real-time computer vision. Originally developed by Intel, it was later supported by Willow Garage and is now maintained by Itseez [10].

Nowadays, developers have to deal with object detection and recognition in creating motion based games. They can hardly start from scratch in defining every operation, so the usual solution is to find an image-processing library to improve the efficiency.