# System Information Requirement™

This program is designed to get the users current system hardware information and to see if their computer can run a particular modern game/series of games made by a particular company.

## Logins

User - Software is available Online for free download. They will usually be those who own a gaming PC or those who are interested in gaming on PC. They will most likely enjoy Rockstar games too.

## Permissions

The user will be able to select from a list of AAA best sellers released by Rockstar after 2006.

The user will not be able to edit the program in any way; they will only be able to use it for the sole purpose of checking their system specifications with the online system requirements for their chosen game

## System Information

Coded in Python and CMD Line

The list is made up of 7 games. The 7 games released on PC by Rockstar after 2006.

Using several plugins for creating an executable file and to make the appearance look good

* **(Retrieve System Information)** <https://stackoverflow.com/questions/38103690/get-system-informationcpu-speed-total-ram-graphic-card-model-etc-under-window>
* **(Get resources from the internet)** <https://www.quora.com/How-can-I-access-any-website-using-python>

The GUI will contain 3 main tabs: The Users saved system information, the list of games and an about page for the information about the program such as the version and author

The GUI should suit the general aesthetic of other Rockstar software and should share the same colours and design choices

GUI should be relatively colourful and contain images of each game along with suitable fonts that stand out and make the UI easy to understand

When a User submits a request for the game’s requirements, data will be fetched from online

If a user does meet the requirements a detailed list will appear with ticks next to their CPU, RAM, GPU and HDD

If a user does NOT meet the minimum requirements a detailed list will appear with red crosses next to whichever piece of hardware doesn’t meet the standards

NO database. No secondary software needed, only contact to a web/pulling information form the web

## Data will be requested from

[www.rockstargames.com/games/](http://www.rockstargames.com/games/)

Or somewhere else if the school doesn’t allow me to LOOK at the INFORMATION of a game

## Games in the list:

[PC](2006) Bully

[PC] (2007) Manhunt 2

[PC] (2008) Grand Theft Auto IV

[PC] (2009) Grand Theft Auto: EFLC

[PC] (2011) L.A. Noire

[PC] (2012) Max Payne 3

[PC] (2013) Grand Theft Auto V

## About the company

Rockstar Games Inc

(Take-Two Interactive, the parent company) Earn ~$600,000,000+ per year

## Target audience

18 year olds to middle aged males who play games on PC

Require some basic computer skills

## Hardware

Hardware that will be recorded on the local users PC:

* Processor make, generation and speed
* Total amount of RAM and speed (if possible with Python)
* Graphics card make, generation, series and VRAM (if possible with Python)