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| **PROFESSIONAL ENGLISH** | | |  | | | **INTRODUCTION TO INFORMATICS** |
| EXAM  THE BEST COMPUTER SYSTEM FOR VILNIUS UNIVERISTY LIBRARY  6531BX028 PI18E | | |  | | | PRACTICAL ASSIGNMENT  SPOTIFY USER MANUAL  6531BX028 PI18E |
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**THE BEST COMPUTER SYSTEM FOR VILNIUS UNIVERISTY LIBRARY**

In this essay I will discuss about all Vilnius University Library Scholarly Communication and Information Center computers, printers, hardware they use and what would me the most suitable software and hardware to actually use in the library. Many students come here to study after either school, university or other activities. Sometimes even elderly people come here to read books, have a cup of coffee and spent their days here. For student convenience for the past five years after being opened, library works twenty-four hours per day and seven days a week. Personally I go there and study after University on my free time. Library has many computers, printers, private working with different software rooms but it is still not enough and it needs to have an upgrade in their computer number and their operating systems. However, since 2013, like everywhere else in the world, technology gets outdated really fast and it needs to be upgraded frequently for computers to be working operatively.

Library has two buildings which are connected and have four or five flours each. There’s a café, anteroom, conference halls. Library has many rooms for printing, individual work, for team works and then there are rooms for a lot more complicated work to be done which are called IT Laboratory rooms. At the entrance the library has a cafe where students can have lunch or just sit down, relax and have a cup of coffee. Walking past the cafe, there’s the Anteroom on the ground floor which has 64 sitting places designed for informal communication and leisure. Also there’s a modern Conference Hall on the ground floor which can store 130 people. Space of the hall can be divided into three areas. The hall is equipped with booths for simultaneous translation and technical support, 3 stationary projectors, and an interactive speaker’s monitor. Only laptops are used in this hall. The hardware is pretty simple for a conference hall so there’s no need for any of the hardware to be updated since it’s running smoothly, but I’d suggest to have their operating systems up-to-date on their Mac or Windows laptops. To make everything run and give a presentation without any interruptions I’d suggest them running newest operating systems like macOS Mojave – 10.14. on their Macbooks or Windows 10 on windows laptops. I’d recommend for their laptops to have at least an i5 processor and 4GB of RAM so there would be no interruptions and everything would run smoothly.

Firstly, on every floor of both buildings, there are reading rooms where students can sit down, study their material. Every reading room has printers and computers which require special login details to log in to SPSS which gives access to standard software, such as MS Windows 7 (in English), MS Office 2016 (in English), English-Lithuanian and Lithuanian-English online dictionary Alkonas, Adobe Reader, VLC player, CD BurnerXP, 7-zip File Manager, et ect. Mendeley Desktop, WinDjVu, Adobe Digitals Edition, internet browsers and other. For printing out the sheets, there’s a special room on every floor. These printing rooms contain one computer and a printer connected to it. To print the information, all you need to do is login with the information you are registered and then just choose the information you want to print from the computer. Only Vilnius University students and registered users can login and use these computers. Library has a newest printer which is really expensive. It’s a Kyocera Multifunction System printer. It weights 76kg. It has two ARM processors that run at 1200MHz, it has 1.5GB of RAM. It has a colorful touch display for user interaction and a scanner to scan an ID card. Also, to print out the information, you need to top up your student ID or a registered user ID card with a little bit of money to enter the details of the card into the printer and make as many copies as you can afford. These computers are pretty old and outdated. They consist a mouse, keyboard, a monitor and an actual computer. Since they only have Intel 4th generation i3 processors which are running at 1.7GHz. These computers come with a 250GB HDD disk for storage, which is not really needed for this kind of computer in the library where the information is never really stored in these computers. They run 4GB of RAM (Random-access memory). This is enough to run pretty much any program within the SPSS without issue. These computers are not really capable of doing large photo or video editing jobs. They’re only good for surfing the internet and printing out the information you need. These computers are running SPSS, so after you have logged in, you have to choose SPSS package. The software allows 25 accesses at a time. After logging in you can start surfing the web. For these computers which are in every reading and are there specifically for printing purposes I’d recommend install more RAM for it to make the job flow a little bit faster. But that’s about it for the printing rooms, there’s nothing much, since it’s only for printing and printers are powerful enough to print anything.

For users who need a quiet place and a considerable amount of books for their studies can book individual study spaces. These rooms contain a small closed space with a computer. Computer in this individual work room is a little bit better than the one for printing, but it isn’t perfect. Computer consists of a mouse, keyboard, monitor and an actual computer itself. For operating system, as every other computer in the library, it runs an outdated Windows 7 operating system which slows down the work being done a little bit. These computers don’t have many apps within them, they are pretty limited with SPSS designed for simple usage, which is web browsing and just some document processing. Since computers in these individual work rooms are not so different from the computers in the printing rooms, the only difference is that they’re running a newer operating system, i5 processor and they consist of 8GB of RAM instead of 4GB. To make them run smoothly and make the production of a user increase, I’d recommend updating the software to the latest Windows 10 operating system which is well optimized with all the apps and runs without any interruptions. For the hardware I’d also upgrade the CPU’s (Central-Processing-Units) to an Intel Core i7 processor to make work flawless, since the workload can get pretty heavy if the student has a lot of work to be done. I’d recommend to increase random access memory (RAM) to at least 16 gigabytes incase a library user has to work with a highly demanding and a lot of resources using application like AutoCAD, Photoshop, Adobe After Effects and software similar to these. But there are special kind of rooms where they have computers that support these softwares.

There are eight IT laboratory rooms for individual work at the Communication Reading Room that are equipped with computers with special software like AutoCAD, CS6 Adobe Design Std6, Matlab, Maple 16 Academic, SolidWorks, Origin Pro 8.6, Sony Vegas Movie Studio HD Platinum 11 Suite. The rooms that have computers with these softwares can be booked by Vilnius University users only for a short period of time – from one hour up to 24 hours.

There are two rooms that are made for work with AutoCAD only. In these rooms students spend their time studying graphical design with a special kind of software. Computers in these rooms are running through SPSS like everywhere else on the internet running Windows 7 operating system. Its running an i7 processor clocked to 2.5 GHz, it has 8Gb of Random-access memory (RAM) and it uses 1920x1080 resolution displays. For a graphical application like AutoCAD I would upgrade the computer to run the newest operating system which is Windows 10 right now. For the hardware I would upgrade the processor to be clocked at 3.0GHz or higher speed for a better processing speeds, I’d add at least 8 more gigabytes of RAM so it would be a total of at least 16Gigabytes of random access memory for the application to run faster. I would also recommend them to upgrade their monitors to at least LCD monitors with the 2560x1440-pixel resolution to make all the lines and information correct and to make all the colors stand out to see if it’s actually the right color to use in the project or not.

For the next few rooms that include CS6 Adobe Design standard 6 are for students that work a lot with design too. It includes Acrobat X Pro, Dreamweaver, Fireworks, InDesign and Photoshop. Computers that are included in these rooms are pretty much the same that are located in the AutoCAD room. It’s just that it has slightly less powerful CPU and less RAM included in the hardware. These computers are running Windows 7 operating system. They’re running an i5 processor clocked to 2.2 GHz, it has 4Gb of Random-access memory (RAM) and it uses 1920x1080 resolution displays. I would recommend upgrading the operating system to windows 10 like in every other computer in the library to make all the work flow smoothly. For the hardware, I’d recommend upgrading the random access memory to at least 8Gygabytes of memory and a better resolution screen like an LCD monitor with 2560x1440-pixel resolution to make all the colors stand out for photoshopping and all the other graphical design work that needs to be done. That would be plenty to make it run smoothly and without crashing.

There’s a World Wide Education Roaming for Research and Education internet service for students which is completely free to use and anyone could login with their user names and passwords. If you’re not a Vilnius University student, you will need to register to gain access. To all the people who have access to the eduroam, firstly it needs to be configured. All e-services, which are managed from Identity Manager, use same password, which is required to be changed once per 84 days which is 12 weeks. The speeds of the internet in the library is pretty fast. When connected you can stream music, videos and still surf the internet while other students are doing the same on their devices. I’d recommend library also provide internet connection for other people to gain free access to the internet so they could search the internet on their free time.

All the computers in the library have antivirus programs and other kind of spyware installed to make sure all computers are protected in case some students put a USB flash drive into the computer that had a virus.

To sum up, Vilnius University Library Scholarly Communication and Information Center is really modern, has really good computers that just need few simple upgrades and it has a lot to improve in the upcoming years. In my view, the best option would be one of the IT laboratory classes, because it’s in a closed space, has decent hardware and it’s probably the most capable computers to get work done in the library.

RESOURCES:

* <https://helpx.adobe.com/creative-suite/kb/cs6-system-requirements.html>
* <https://biblioteka.vu.lt/en/places/scic>
* http://www.designmaster.biz/support/autocad-system-requiremen.html