**PROJECT BASED INTERNSHIP REPORT**

**Submitted in partial fulfilment of the**

**Requirements for the Summer Internship Program**

**By**

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Green Fields, Vaddeswaram, Guntur District-522 502

**May 2019**

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***CERTIFICATE***

This is to certify that this project based Class report entitled “To Do List” is a bonafide work done by B.Yeswanth Kumar (170030162), T.Bhargava (170031253), K.Kushwanth (170030561), K.Satya Prakash (170030595), P. Vamshi Krishna (170040662), M.Teja Manikanta(170030781) in partial fulfilment of the requirement for the award of degree in BACHELOR OF TECHNOLOGY in Computer Science and Engineering during the academic year 2018-2019.

**Faculty In Charge Head of The Department**

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**ABSTRACT**

One of the most important reasons for keeping a to-do list is the organization. Organizing your tasks with a list can make everything much more manageable and make you feel grounded. Seeing a clear outline of your completed and uncompleted tasks will help you feel organized and stay mentally focused. As you cross items off your to-do list, you'll feel a sense of progress and accomplishment that can be missed when rushing from one activity to the next. The affirmation that you are making progress will help motivate you to keep moving forward rather than feeling overwhelmed. Having a list of all your tasks will allow you to sit down and make a plan. One study showed that fifteen minutes spent planning could save an hour of execution time!

**INTRODUCTION**

We all have those days when there are a million things to do, and we don't know how we're going to get it all done. It's easy to become overwhelmed by the vast quantity of tasks that we must do from day to day. Sometimes we have so many balls in the air, that we may even lose track of some loose ends and forget to do important things. When we get too busy, we end up feeling like we are barely able to keep our heads above water. If you record all your tasks in a to-do list, you can easily review the list and prioritize the most important tasks. Why waste time on trivial activities when there are important matters that need your attention? One study, conducted by the Harvard Business Review, showed that 90% of managers wasted valuable time through poor time management. Your to-do list will help you focus your attention on the most important task of the moment.

**EXISTING SYSTEM**

In computer architecture, **64-bit computing** is the use of processors that have datapath widths, integer size, and memory address widths of 64 bits (eight octets). Also, 64-bit computer architectures for central processing units (CPUs) and arithmetic logic units (ALUs) are those that are based on processor registers, address buses, or data buses of that size. From the software perspective, 64-bit computing means the use of code with 64-bit virtual memory addresses. However, not all 64-bit instruction sets support full 64-bit virtual memory addresses; x86-64 and ARMv8, for example, support only 48 bits of virtual address, with the remaining 16 bits of the virtual address required to be all 0's or all 1's, and several 64-bit instruction sets support fewer than 64 bits of physical memory address.

The term *64-bit* describes a generation of computers in which 64-bit processors are the norm. 64 bits is a word size that defines certain classes of computer architecture, buses, memory, and CPUs and, by extension, the software that runs on them. 64-bit CPUs have been used in supercomputers since the 1970s (Cray-1, 1975) and in reduced instruction set computing (RISC) based workstations and servers since the early 1990s, notably the MIPS R4000, R8000, and R10000, the DEC Alpha, the Sun UltraSPARC., and the IBM RS64 and POWER3 and later POWER microprocessors. In 2003, 64-bit CPUs were introduced to the (formerly 32-bit) mainstream personal computer market in the form of x86-64 processors and the PowerPC G5, and were introduced in 2012[[1]](https://en.wikipedia.org/wiki/64-bit_computing#cite_note-cortex-a50_announce-1) into the ARM architecture targeting smartphones and tablet computers, first sold on September 20, 2013, in the iPhone 5S powered by the ARMv8-A Apple A7system on a chip (SoC).

A 64-bit register can hold any of 264 (over 18 quintillion or 1.8×1019) different values. The range of integer values that can be stored in 64 bits depends on the integer representation used. With the two most common representations, the range is 0 through 18,446,744,073,709,551,615 (264 − 1) for representation as an (unsigned) binary number, and −9,223,372,036,854,775,808 (−263) through 9,223,372,036,854,775,807 (263 − 1) for representation as two's complement. Hence, a processor with 64-bit memory addresses can directly access 264 bytes (=16 exabytes) of byte-addressable memory

**PROPOSED SYSTEM**

Dell Inspiron 15 3542 4th Gen Intel Core i3 is a budget laptop meant for personal as well as professional users. It runs on Windows 8.1 64 bit OS, a dual-core 1.7 GHz Intel Core i3 processor and Intel HD graphics processor. The laptop has a 15.6 inch HD LED backlit display with Truelife and 1366 x 768 pixels resolution. It has 500 GB HDD, 4 GB DDR3 RAM and built-in DVD drive. The Inspiron 15 3542 4th Gen Intel Core i3 comes with stereo speakers, Maxx Audio technology and 1 Year Accidental Damage Protection.

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| **BASIC INFORMATION** | | |
| Model Name | : | Inspiron 15 3542 4th Gen Intel Core I3 |
| Launch Date (Global) | : | 09/06/2014 |
| Operating System (With Version) | : | Windows 8.1 64 Bit |
| Laptop Type | : | Mainstream |

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| **DISPLAY** | | |
| Resolution | : | 1366 X 768 |
| Display Size (In Inches) | : | 15.6 |
| Display Technology | : | HD LED Backlit Display With Truelife |

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| **CONNECTIVITY** | | |
| Wireless Connectivity | : | WiFi, Bluetooth 4.0 |
| Connectivity | : | 2 X USB 2.0, 1 X USB 3.0, HDMI |
| Features | : | Built In HD Webcam, 3 In 1 Memory Card Reader |
| Pointing Device | : | Touchpad |

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| **MEMORY** | | |
| Ram Included (In Gb) | : | 4 |
| Ram Type | : | DDR3 |
| Ram Speed (In Mhz) | : | 1600 |

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| **PHYSICAL SPECIFICATIONS** | | |
| Laptop Weight (In Kgs) | : | 2.4 |
| Laptop Dimension (In Mm) | : | 381.4 X 267.6 X 25.6 |

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| **PROCESSOR** | | |
| Processor Model Name | : | Intel Core I3 (4th Generation) |
| Clock Speed | : | 1.7 Ghz |
| Ultra-Low Voltage (Yes Or No) | : | Yes |