COMPUTER ENGINEERING

**Title Of Micro-Project:** Prepare aReport depicting features of different types of Operating System with advantages, disadvantages and examples

**GROUP MEMBERS**

|  |  |  |
| --- | --- | --- |
| **ROLL NO** | **CLASS** | **NAME OF MEMBER** |
| 3111 | CO5I | Shreyash Kotain |
| 3112 | CO5I | Darshana Kure |
| 3113 | CO51 | Sahil Mahatre |
| 3114 | CO5I | Omkar Moolya |
| 3115 | CO5I | Aman Pandey |
| 3116 | CO5I | Priyanaka Patil |
| 3117 | CO5I | Heramb Pawar |
| 3118 | CO5I | Aditya Raut |
| 3119 | CO5I | Pawan Salve |
| 3120 | CO5I | Ameya Sawant |

**GUIDE NAME**: - MRS. ASHWINI PARKAR

Part A Plan

**Title Of Micro-Project:** **–:**  A Report depicting features of different types of operating system with advantages, disadvantages and examples.

**Brief description**: -

* An operating system is a program that acts as an interface between the user and the computer hardware and controls the execution of all kinds of programs.
* Every desktop computer, tablet, and smartphone include an operating system that provides basic functionality for the device.
* It is comprised of [system software](https://techterms.com/definition/systemsoftware), or the fundamental files your computer needs to [boot up](https://techterms.com/definition/boot) and function
* Operating system provides basic task like file management, memory management, process management, handling input and output, and controlling peripheral devices such as disk drives and printers.
* Operating system functions as translator in a pc. It converts those 1s and 0s, yes/no, on/off values into a readable language that one can understand. It does all of this in a streamlined graphical user interface, or gui, that can be moved around with a mouse click things.
* Various types of operating system are as follows: -
  + Batch operating system
  + Time shared operating system
  + Multi-programmed operating system

**Aim** **Of Micro-Project: -**

The micro-project aims to: -

* Study various features of different operating system.
* Study different operating system based on their CPU utilization
* Study about advantages and disadvantages of different operating system.
* Study about the different architecture used by different operating system

**Action Plan: -**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr No** | **Detail Of Activities** | **Plan Start Date** | **Plan End Date** | **Name Of Team Members** |
| 1 | Group formed according to roll no & group leaders were elected also detailed information on micro project was given |  |  | Shreyash Kotain |
| 2 | Finalization of microproject as well as detailed discussion regarding topic |  |  | Darshana Kure |
| 3 | Planning of micro-project regarding, resources, software used, submission date and completing part a plan of micro – project |  |  | Sahil Mahatre |
| 4 | Complete analysis of design part of micro-project & distribution of module among group members |  |  | Pawan Salve |
| 5 | Getting it finalized by the guide |  |  | Aman Pandey |
| 6 | Implementation of Project report |  |  | Priyanaka Patil |
| 7 | Presentation of 1st part of micro-project Infront of guide by each group member and Preparing of part b plan for micro-project |  |  | Heramb Pawar |
| 8 | Submission of micro-project |  |  | Aditya Raut |

**Resources used: -**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr No** | **Name Of Resources Required** | **Specification** | **Quantity** | **Remarks** |
| 1 | Computer | **Processor-**Amd  **Hard Disk-**2 Tb  **Ram-**16gb  **Operating System-**Windows 10 Pro | 1  1  1  1 | Hardware used |
| 2 | Microsoft word | MS office 2010 | -- | Software used |
| 3 | Reference | Wikipedia. Org, google. Com | | |