**Difficulties and skills learned from applying a simple operating system**

**Team  passion**

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**The passion team faced many difficulties and challenges, but it was able to deal with them.**

* Dealing with a new operating system  Kali Linux .
* Weak research skill .
* Inability to arrange resources and make the most of them .
* The withdrawal of one of the members in the last project .
* Confronting new programming languages, such as such as assembly language and C .
* Poor hardware specifications .
* Difficulty dealing with a team because it is a new experience .
* Difficulty accessing information quickly and easily .
* Errors during the application and difficult to handle due to lack of sufficient experience of the languages used .
* Errors due to our lack of knowledge in the operating system led to an increase in the time spent completing the work .

## Difficulties overcome and the mechanism to deal with them

* The new languages

*have been satisfied with a comprehensive understanding of the code and the use of ready-made codes from several websites that suit the requirements*

* Lack of strong personal devices

*we were assisted by the supervisor, and we got our own device to work on implementing the project*

* The withdrawal of one of the team members

*the role of the member has been distributed to the rest of the team to complete the tasks*

* Lack of experience in dealing with the new system

*Not a bad thing, as it prompted us to learn new things. The supervisor was hired when there were difficulties*

## Skills learned

* Knowledge and dealing with new operating systems .
* Know the basic components of each operating system .
* Patience .
* Dealing as a team to accomplish the tasks and the success of the project .
* The skill of communicating with others .
* Understanding as a team and solve problems .
* analysis .
* Collect the results correctly  .