Good example of software engineer article review

Technology, Development

Article: Sommerville, I. (2011). System documentation

One of the most important aspects of developing software systems includes documentation. This is a phase that is overlooked in the software development lifecycle. This is because of the fact that it is not part of the working system. The different stages of the software lifecycle development will depend on proper documentation for these stages to be understood. There is a need to ensure that the procedures and the processes of documenting the system are clearly understood in the design of the project. This will ensure that the software that has been developed will meet the requirements that have been specified. There is large documentation that is associated with systems, however small these systems may seem to be. The documentation will be a discussion of how the systems have been developed and what needs to be done in order to have the correct information.

The documentation process has been developed from the classical systems to the current systems where there are tools and techniques that use tools and techniques that are advanced. This is an important part of the software development life cycle. One thing that is common with both the classical and the modern documentation tools is that there is the documentation of the processes that are included in the development of the software systems that are documented. This is an important aspect of the software development process. All along, the documentation process has been required to be a medium of communication between the system developers and the system users. Another requirement of the documentation is that they should be used by system engineers during the maintenance sessions of the system. This will be the repository of information that will be used in the process of

undertaking communication with the system. It is important to understand this important part of the lifecycle development. The other requirement of the documentation process is that it should be an important tool that will be used by the management for planning purposes of the system. This will ensure that the system has been developed to follow the features and the requirements of the system. It is important to understand this requirement in the development process. Another role and requirement of the documentation is that the users should find them useful in guidance and help them diagnose some problems that they encounter while using the system. For a long time, there has been the need to have the documentation of the different processes of the software development. This will cover most of the processes and the needs to have proper documentation for the processes. This is an important aspect of the development program. There is different system documentation that is used to describe the way systems work. The development of modern systems of documentation has made the documentation process simple for many software developers. It is important to understand the requirements for this development and what needs to be developed in the process. The current system documentation makes use of tools that help users and developers to understand the way the system will work. Current system documentation has been seen to be an improvement of the way systems have been documented in the past. With the current systems of documenting software processes, it is possible to document the processes of the system in a manner that is easy to understand by all levels of users of the system.

The uses of current structured documentation processes have been seen to

enable the developers debug systems with ease. This is due to the high level of organization of the software and their levels. The use of the current methods where there is structure and organization has seen many systems organized in a manner that will enable the future developers and those who will maintain the systems be able to maintain and develop the system. The different processes in the software product will be identified in an easy manner. This will ensure that the different processes and procedures in the program have been identified in a professional manner that will enable the system to be managed well.

The article presents two aspects of documentation that is accepted and documented in any system. These are the documentation of the processes and the documentation of the product. The documentation process is used to document the process of carrying out documentation and maintenance of the system. On the other hand, product documentation entails documenting the system/software that is being developed. The use of process documentation is developed and shown with the use of process flow. This is achieved with the use of current documentation which shows how the different processes of the development will be achieved. With the use of this documentation paradigm, it is easy to understand how the development process will flow. This will enable the software development team understand what needs to be understood in the development process and what needs to be integrated in the development phases of the development. The different processes of developing the system are important knowledge for the system developers. With the fact that there are many big programs that are being developed, it is important to understand the different phases

of developing the program.

Current system development requires that there is collaboration of the different developers on one program. Because of this, there is a need to ensure that the developers understand the progress of the other developers. It is because o this trend those developers will have to document the progress using the complicated systems of development. With the use of these current methods of documentation, it is possible to understand the progress of the different program developers in the team. This will also give the system developers the chance to assess the progress of one another. They will find the system that is being developed as a reference point for the development team. With the different contributions of the different developers, it is possible to consolidate the different process of the system development to become one system that will serve the same purpose. This is an important role that helps system developers and designers to have one system that will be developed by different developers who are guided by the documentation.

The current collaboration software that is used to manage the code of different system developers has integrated current methods of development. This is because there are different developers who might be locations in different geographical locations but working on one software. It is important to understand what needs to be done by the different developers and how the different modules that re autonomous are to be brought together to become one software system. Most of the collaboration software has been integrated with current documentation systems which make documentation simple for the developers of the software. With this modern documentation

system, all the program data flow will be managed effectively. It will also be simple to understand the program and how to achieve this program. The different developers will understand how the different modules have been developed and enhanced with the new documentation presented by the collaboration software.

The use of the classical system of documenting the system has been seen to be important and useful in the process of developing computer software. It is important to understand the role that the classical methods of documentation have been used. With the use of this method of documentation, it is important to understand that the designs of the files formats are included in the modern methods of documentation. It will become simple to understand how the file designs have been undertaken in the process. It is important to understand that different file designs and formats have different compatibility issues. This makes it an important process to understand how the files have been designed. This is provided for in the current methods of documentation which show how the different file systems have been improved and developed. This is an important process. In conclusion, the current methods of documentation are seen to be an improvement in the documentasstion procedures. This is because there are more to system development than coding and understanding the development process alone. There is a need to understand that the many modules and the autonomous nature of most programs that are developed has helped many software developers look for more collaboration. The need for collaboration means that there is a need to have a collaborative way of sharing documentation of the different systems/modules of the program.

References

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