Software Development Processes

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Abstract

Software program management is a kind of sub-discipline of program management. It is used to control,plan and monitor the software projects. A project has its own life cycle. When software developers start to develop a project, each step they do becomes deeply crucial. Therefore, it is necessary for us to learn the knowledge about software development process. This report illustrate something about the application of project management technology in the process of software development process for you. All in all, I hope it can make a few value to you.

Key word: software development process, life cycle

1 introduce

Software development process is a procedure of develop which contains a series stages to work. The activity that software development process need modern project management and organizational methods. In the face of the severe time and resource constraints, members should try their best to achieve the difficult goal. In this procedure, we need a experienced team which consists of great engineers, a project manager who can make a plan and surpervise the project and so on.

2 related work

For instance, I used an App called flashlight on the ios. However, I have in uninstalled it. For the single function the App has, it would be eliminated simply. The ios offer the function in the control center of the system, therefore most of the users will abandon the flashlight. In this case, we can find the plan of the software projects is the paramount factor. If an App does not have a farsighted plan, it would not have a long life cycle. It is equal to say this project is a fail product.

The planning is only one part of the SPM. It still have the control and monitoring. Every section has a tremendous effect on sofeware projects. A splendid software project must have a eminent software program management. In China, there are untold social chatting Apps. I detect majority of them would disappear in the end. But some great Apps would develop continuously. Such as WeChat and QQ, they are the best exmaple. Those projects have a strong team for the software program management. They keep an eye on the market and make the forecast for

the consumers.

3 Overview

In software engineering, a software development methodology (also known as a system development methodology, software development life cycle, software development process, software process) is a splitting of software development work into distinct phases (or stages) containing activities with the intent of better planning and management. It is often considered a subset of the systems development life cycle. The methodology may include the pre-definition of specific deliverables and artifacts that are created and completed by a project team to develop or maintain an application.[1]

Common methodologies include waterfall, prototyping, iterative and incremental development, spiral development, rapid application development, extreme programming and various types of agile methodology. Some people consider a life-cycle "model" a more general term for a category of methodologies and a software development "process" a more specific term to refer to a specific process chosen by a specific organization. For example, there are many specific software development processes that fit the spiral life-cycle model.

4 Conclusion

The sofeware development process improve the efficiency of the software development will be higher and the result will be better.

References

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