

Software Project Management

1 Introduction

The general process of software development process that software design ideas and methods, including the function of software design and implementation of algorithms and methods, software, the overall structure design and module design, programming and debugging, program debugging and testing and prepared and submitted to the procedures and so on a series of operations.

2 Related work

A project leader: responsible for the project management, organization, technology, progress, quality and overall responsibility.

B quality assurance personnel responsible for quality assurance and quality of the implementation of the work plan to ensure the software.

C configuration management personnel: responsible for the project configuration management, on the project documents, programs, meets procedures for formal examination.

D analysts: mainly responsible for the project demand analysis.

E designers: mainly responsible for the design work of the project.

F programmer: programming work according to the design requirements and the relevant standards.

G test: responsible for unit testing, combined test and assembly test work.

H document: responsible for the preparation of project related documents.

I product manager for: to assist in product development plan making and the product release and product promotion in product development, adequately represent the user's interests and provide recommendations for the trade-off between the function of the products

and manufacture date two; responsible for the marketing of products, product sales and marketing process

3 overview

The contents of software development are: requirements, design, programming and testing.

(1) demand: not only the user needs, it should be the development of all the needs of. For example, the first thing you need to know to do this project in order to solve the problem; test case should what input data. In order to know the demand, you often want to and customer, the project manager.

(2)Design: encoding, there must be a plan to tell you what to do and how the structure and so on. You must be done in accordance with this, or it may be a mess.

(3) programming: if the project deadline, your application cannot run up or not up to the requirements of customers, you will not get money.

(4) test: the purpose is to let you know what time is done. If you're smart, you should write the test first, so you can know whether you really finished in time. Otherwise, you often don't know what function is really finished, how far from the expected target.

4 methods

Software development process is divided into four parts, the first is to analyze the problem, we need to do a what kind of software; secondly is to determine the data structure, we should how to do; again is the editor; the last is the debugging software; software performance if we say in the imagination of the software.

5 conclusion

This report can let people know more about software development process,include how to work,the methods and overview.

References

2013-04-26. 'Software engineer project development process 'by Software Engineer Training Institute