**需求变更的影响分析检查表**

**Implications of the Proposed Change  被提议变更中的暗示**

 o       Identify any existing requirements in the baseline that conflict with the proposed change.  
            识别所有与被提议需求相冲突的基线中的需求   
  
o      Identify any other pending requirement changes that conflict with the proposed change.   
            识别出当前变更与哪些未决的需求变更有冲突   
  
o      What are the consequences of not making the change?  
            不进行变更会导致什么样的结果？  
  
o      What are possible adverse side effects or other risks of making the proposed change?  
            进行变更会引起哪些不利的结果或风险？  
  
o      Will the proposed change adversely affect performance requirements or other quality attributes?        
            变更是否会反过来影响需求的性能或其它的质量属性？    
  
o      Will the change affect any system component that affects critical properties such as safety and security, or involve a product change that triggers recertification of any kind?  
            变更是否影响系统组件，如：影响安全边界或引起一个触发任何种类的换发新证的产品变更？  
  
o      Is the proposed change feasible within known technical constraints and current staff skills?  
            变更在已知的技术约束和当前人员技能的前提下是否可行？  
  
o      Will the proposed change place unacceptable demands on any computer resources required for the development, test, or operating environments?         
            变更的地方是否为任意计算机资源环境所接受（开发、测试或操作环境）？  
  
o        Must any tools be acquired to implement and test the change?  
            是否必须需要使用某些工具来实现或测试变更？  
  
o      How will the proposed change affect the sequence, dependencies, effort, or duration of any tasks currently in the project plan?   
            当前变更怎样影响当前项目计划中的工作，如：顺序、依赖关系、成果和阶段？  
  
o      Will prototyping or other user input be required to verify the proposed change?        
            原型或其它用户输入是否可被要求来检查变更的正确？  
  
o       How much effort that has already been invested in the project will be lost if this change is accepted?        
            如接受此变更会丢失多少已投资成本？  
  
o      Will the proposed change cause an increase in product unit cost, such as by increasing third-party product licensing fees?        
            变更是否会引起产品单元成本比增加，如：增加第三方产品许可费等？  
  
o      Will the change affect any marketing, manufacturing, training, or customer support plans?        
            变更是否会影响市场、加工、培训、用户支持计划？

**System Elements Affected by the Proposed Change**

**变更影响到的系统元素**

o      Identify any user interface changes, additions, or deletions required.  
         识别出所有的被需要用户界面的变化，增加或删除

o      Identify any changes, additions, or deletions required in reports, databases, or data files.  
         识别出所有对报表、数据库和数据文件增删改的请求

o      Identify the design components that must be created, modified, or deleted.  
        识别出所有必须创建、修改和删除的设计组件

o      Identify hardware components that must be added, altered, or deleted.  
         识别出必须添加、改变和删除的硬件组件

o      Identify the source code files that must be created, modified, or deleted.  
        识别出必须创建、修改和删除的源代码文件  
  
o      Identify any changes required in build files.  
         识别出所有在架构文件中变更的请求

o      Identify existing unit, integration, system, and acceptance test cases that must be modified or deleted.  
         识别出存在的必须修改或删除的单元测试、整合测试、系统测试、和接受测试用例

o      Estimate the number of new unit, integration, system, and acceptance test cases that will be required.  
          估算将被需要的新的各种测试用例的数量

o      Identify any help screens, user manuals, training materials, or other documentation that must be created or modified.  
         识别出所有必须修改或创建的帮助界面、用户手册、培训资料及其它文档

o      Identify any other systems, applications, libraries, or hardware components affected by the change.  
         识别出变更影响到哪些系统应用程序、库文件或硬件组件

o      Identify any third party software that must be purchased.  
         识别出哪些第三方软件必须购买

o      Identify any impact the proposed change will have on the project’s software project management plan, software quality assurance plan, software configuration management plan, or other plans.  
         识别出变更影响到的所有项目管理计划、软件质量保证计划、配置管理计划等其它计划

o      Quantify any effects the proposed change will have on budgets of scarce resources, such as memory, processing power, network bandwidth, real-time schedule.  
         量化在稀有资源的预算方面的任何影响，如内存、进程量、网络带宽、实时进度表等

o      Identify any impact the proposed change will have on fielded systems if the affected component is not perfectly backward compatible.  
         识别出当被影响的组件不能完美地向后兼容时，变更对所实施的系统的影响