Risk

Probability

Effect

Risk Category

Plan to deal with risk

Description of Plan (Short Summary)

Organizational financial problems

Low

Catastrophic

 Contingency

Create a document that thats monitors the most cost effective features of project

It is impossible to recruit staff with the skills

High

Catastrophic

Minimization

Have an onsight trainer that teaches some of the skills

Key staff are ill at critical times in the project.

Moderate

Serious

Minimization

Regroup and divide the work among the staff that is there

Software components contain defects

Moderate

Serious

Avoidance

Replace these components with known reliable components

Changes to requirements

Moderate

Serious

Minimization

Keep a list of all the requirements in order to asses what should be removed

The organization is restructured

High

Serious

Contingency

Keep a documents of all the components and encapsulate them separately that allows easy transition

Database cannot process as many transaction expected.

Moderate

Serious

Avoidance

Keep a list of on hand databases that could replace it

Time required to developsoftware is underestimated.

High

Serious

Minimization

Delegate the workload efficiently over all staff which or buy remade components

CASE tools cannot be integrated

High

Tolerable

Avoidance

 Find other software that would be compatible

Customers fail impact of requirements changes.

Moderate

Tolerable

Minimization

Allow a lot of variation or generality in the original codebase

Required training for staff is not available

Moderate

Tolerable

Avoidance

Create video or tutorials for staff incase of no training

The rate of defect repair is underestimated

Moderate

Tolerable

Avoidance

Remove the parts of the project that cause defects then isolate which causes the most problems

The size of the software is underestimated

High

Tolerable

Avoidance

Buy more memory space for the software

The code generated by CASE tools is inefficient

Moderate

Insignificant

 Minimization

Replace inefficient code with reliable, efficient bought code