

Table 1:

Risk	Affects	Description
Shortage of staff	Project	The requirement of the course is that the group chosen by the instructor can be classified into a group with 2 members leading to lack of staff.
Skill developer	Project	Staff cannot meet technical quality in the model (Staff are inexperienced students).
Service not provided	Project	Payment services cannot be connected.
Making the project too big	Project and product	Misjudging the scale of the project, making the project too big or too small to lack basic functions.
Application completion time is incorrect	Project and product	Application completion time not as originally proposed may be due to an incorrect assessment of the scale or external impacts.
Poor communication between project manager and programmer	Project and product	Project manager cannot assign work or programmers are not actively accepting assigned jobs.
Requirements change	Project and product	Some functions have been modified during application execution among programmers.
Ineffective error rating	Project and product	The tester misjudged the severity of the error or incorrectly assessed whether it was a system error or a human error.
Description is not specific	Project and product	The software specification does not describe the application (functionality) in detail.
The application quality is not as expected	Product	When the application is completed, components such as the interface and processing optimization are not as expected.
The data is not optimized	Product	Build the data structure and decication is not precision to the database of application, is not used to make up the application system can not reply.
Utilities work underperformance	Business	Utilities from third-party links are ineffective, such as delivery, sourcing of products not responding.
Security	Business	Loss of security due to inexperienced programmer.

Unsatisfactory	Business	The customer does not receive the product because the product is not described correctly (in the case the trainer does not appreciate the features of the model).
----------------	----------	---

Table 2:

Risk	Probability	Effects
Shortage of staff	High	Serious
Skill developer	High	Serious
Service not provided	Moderate	Catastrophic
Making the project too big	Moderate	Tolerable
Application completion time is incorrect	Moderate	Serious
Poor communication between project manager and programmer	Low	Serious
Requirements change	Moderate	Tolerable
Ineffective error rating	Moderate	Serious
Description is not specific	Moderate	Serious
The application quality is not as expected	Moderate	Serious
The data is not optimized	High	Catastrophic
Utilities work underperformance	Low	Serious
Security	High	Serious
Unsatisfactory	Low	Serious

Table 3:

Risk	Strategy
Shortage of staff	Review functions, reorganize members and reassign each team member's duties; increase working time of each member.
Skill developer	It is the responsibility of the project manager to guide members on techniques as well as require members to

	try and increase their own working time to limit their own weaknesses.
Service not provided	Search for the right service for the application; find another direction without using that service.
Making the project too big	Carefully evaluate the scale of the application in detail. Then make changes to suit actual needs.
Application completion time is incorrect	Evaluate the time to complete each function correctly, allocate time and people appropriately for each function.
Poor communication between project manager and programmer	Resolve everyone's conflicts, come up with unity, find out everyone's personality and communication.
Requirements change	Re-capture the request most accurately and evaluate carefully, meticulously and in detail to avoid unnecessary changes leading to a delay in the end time.
Ineffective error rating	Select highly skilled staff to identify the most accurate and effective error.
Description is not specific	Specify the intended function, purpose, and target audience of the application in detail, precisely avoiding sloppy description.
The application quality is not as expected	Fix some of the bugs that are necessary for the application to be successful; Update the application regularly.
The data is not optimized	Developing reasonable structures and algorithms, optimizing the system, purchasing the right system for the application; appoint staff with experience in building data structures and algorithms.
Utilities work underperformance	Find more productive effects and try to work without the addition of add-ons (self-sourcing of the product as well as the delivery team).
Security	Strictly building, decentralizing the application to avoid accessing the wrong permissions set out.
Unsatisfactory	Conducting error correction, adding basic necessary functions of the application to match the evaluation requirements; If there is time, please update more functions.