

# Risk Register

Risk Description	Likelihood	Impact	How to avoid	What to do if happen
Security risk of the data being compromised.	3	3	Sign an agreement with the service provider and make sure that security measures has taken place for the data. Create a backup database.	Make a complain or a sue to the service provider to ask to fix the problem. Find other service provider.
Risk of the server to be vulnerable	2	5	Make sure that security measures has taken place. Make an agreement to have insurance for this kind of event.	Create a new server. Use backup server.
Risk of having limited database if using the service provider for free	4	2	Make a premium payment to the service provider to have unlimited space	Make payment to increase database size.
Risk of having high cost to maintain the database	3	4	Make sure it is only used for small project.	Use other type of service provider that provide free database.
Risk of counting the wrong number of intruders detected	2	5	Make sure the coding structure and language is correct. Have a programmer to check on the code daily.	Debug the code.
Risk of having a defect equipment to sense the motion.	2	3	Give a good care to the equipment	Get a new one. Try to fix the equipment.

Risk of having an illegal location of data	2	5	Investigate the location of the data being stored and make sure the location are legalize	Pay a fine.
Risk of having bad coding structure for the Intruder counter which causes long runtime of the application.	2	3	Have multiple programmers to program different ways and check the runtime of the application.	Change the coding structure to different methods.
Risk of having virus on the application.	3	5	Make sure that the application is protected by antivirus	Clean the application.
Risk of having bad interface design of the web application	3	2	Always have a group meeting to make sure that the interface is good. Have users to use the beta version of the application to have comments.	Change the design. Get comments from user and implement the design based on the comments.

## Likelihood

Probability	Description
5	91-100% or very likely to occur
4	61-90% or likely to occur
3	41-60% or May occur about half of the time
2	11-40% or Unlikely to occur
1	0-10% or Very unlikely to occur

## Impact

Impact	Description
5	Very High
4	High
3	Moderate
2	Low
1	Very Low