

ID	Risk	Owner of Risk	Cause	Effect	Probability	Impact	Severity	Mitigation	P x S Level
1	Data in inventory inputted incorrectly.	Manager	Human Error	Snowball effect of incorrect data inputted in initial table to related tables.	4	Miscommunication between company and customer.	3	Ensure proper communication is practiced throughout the organisation when relative to the inventory database.	12
		Employees with access to the inventory database	Incorrect knowledge/information transmitted	Customer may receive the wrong order		Customer may lose trust in the company's ability to hold and organise personal/sensitive information.		Ensure customer data is inputted correctly by double checking with the customer and checking their information is correct with them.	
			Incorrect data received	Customer receives wrong quantity.		Customer receives an inappropriate amount of product, either more than or less than the customer had ordered. This causes confusion and makes the process longer and more tedious for the customer to deal with, as they need to deal with either waiting for the right quantity of products, or having to send the rest of the quantity back to the company.		Ensure that any major changes to the inventory database/tables are ran through the inventory manager or that the manager is the only one who would have the capability to finalise the changes on the database.	
				Customer information is incoherent and unusable.		Unable to finalise order, therefore customers won't be able to receive their products in the allotted time		Professional and appropriate communication is carried between the business and the customer, to ensure the correct information is received. Have processes in place to check the information multiple times, before being inputted into the system.	
		Manager	Human Error (Accident)	No information to be found.		The workforce is delayed and no clear goal or objective is highlighted for the workers.		Reduce the number of personnel that have accessibility to such a command of the database. Something so detrimental should only my accessible by managers.	

2	Database deleted.	Employees access to the database	Misinterpretation of instructions	Compounding effect onto any other databases, linked with the database that had been deleted.	3	<p>All information within that database is lost, and it may not be possible to be recovered.</p> <p>Customers are "lost", some may not appear in the system again, but some may appear back up to continue using the company's services, however a handful of customers may not come back due to the ignorance of the company with their information.</p>	3	<p>Have backups or scheduled saves for the database, to recover any data that would've been lost if a database had been deleted.</p> <p>Proper training is provided to staff, who may have access to database commands and alterations.</p>	9
3	Security is breached and the databases are exposed to an inappropriate party.	<p>The Business.</p> <p>The individual the information is referring to.</p>	<p>Ignorance and negligence towards different types of technological security breaches.</p> <p>Inappropriate security surrounding the information.</p> <p>Lack of information segregation.</p>	<p>Private and personal information is leaked to the public.</p> <p>The companies personal information is leaked to the public, as well as to its competitors.</p> <p>A lot of information becomes very vulnerable, being in one place at once, means it is easily accessible.</p>	3	<p>The company loses credibility.</p> <p>The company loses customers due to lack of trust and misprotection of vulnerable information.</p> <p>Reputation of the company decreases and becomes known to the public, making it more difficult for future and current customers to trust the company again.</p> <p>The company now has to spend more money on reassuring that the security breach does not occur again. Which any extra costs could've been avoided if proper precautions were taken in the first place.</p>	4	<p>Educate staff on proper data security, and the laws(acts) associated with data handling of personal/vulnerable information.</p> <p>Company takes the appropriate precautions when creating a database, making sure that they apply the appropriate security procedures surrounding the database.</p>	12
		Store managers	Low-quality equipment purchased.	Systems are delayed and certain processes cannot move forward.		Company/store cannot receive orders or contact suppliers regarding orders, so the needs of the business and customer aren't fulfilled.		Make sure the store is provided with good quality equipment before operations so that the chances of technical issues decrease.	

4	Faulty Equipment	Store Employees access to the database.	incompetent behaviour surrounding the equipment, leading to heavy damage or damage over time.	Equipment is unable to function and therefore cannot be used by the employee to access the databases and any appropriate information.	3	Specific store has to spend more money on new equipment, which add up the extra costs of the business.	2	Staff is trained on handling equipment appropriately and precautions are taken to ensure that damage to equipment is decreased. Staff are given rules and instructions on handling the hardware.	6
		Specific Store with the faulty equipment.	Equipment is old and may need a hardware/software update, depending on the appropriate need.	Processes are slower than usual, and the progress of the specific store begins to falter behind other stores.		Customer needs aren't met, along with lack of contact with main branches and the suppliers, so the store may struggle with further orders until new equipment is obtained.		Monthly or yearly inspections are taken within each store, to ensure that equipment is up to date and any faulty equipment is promptly replaced.	
5	Physical Strain and Injury	User of Database	Excessive work, without any breaks.	Individuals may develop; eye-strain, carpal tunnel, back pain.	5	Workers may need to take time-off to recover from their injuries.	3	Proper training is provided to educate workers on the optimal working style to prevent injury.	15
		Creator of Database	non-optimal ergonomics.			Databases and tables aren't maintained and the workforce is decreased.		Due to the nature of the roles, and the excessive use of monitors, individuals should be advised and encouraged when to take breaks, when appropriate. This is so that it decreases the physical strain.	
		Database Administrators	Inappropriate working environment	individuals working on database may feel uncomfortable in the workspace.		Productivity of the work force decreases and the company progress is slowed.		Company invests in making the workspace ergonomic appropriate for the workers; i.e correct type of chairs, adjustable monitors and maybe foot elevations.	
			Insufficient demand	Lack of interest from customers and an overall need for the business.	3	(potentially) Depending of the business size at the point of closure, hundreds of employees are made redundant.	4	Ensure communication with customers is frequent and taken into consideration when the company is looking to progress.	12
			Bad relationships with customers	Decrease in customer population over time.				Continue to provide the standards of products that the customers expect from the business; also offering customer incentives for those who have a history with the company.	

6	Company goes out of business.		Unmotivated and incoherent workforce.	Workforce isn't aligned with the mission of the business, and work isn't done to standard.			Educate and inspire the workforce consistently throughout the employment period. Offer company employee incentives and progression opportunities.	
		Anyone associated with the company; in terms of contribution to the company's progress	Lack of Stakeholders and Investment into the Business	Company cannot grow in the direction it wants to, due to lack of capital investment.	2	Company progress is plateaued and becomes stagnant. There is no direction for growth and eventually falls behind its competitors	Invest in research for the appropriate stakeholders, as well as proper presentation skills.	8
			Terrible business budgeting and investment decisions.	Company capital invested in the wrong direction and resources are wasted.		Company efforts and attention are wasted on the wrong thing and certain aspects that do need the attention of the company are neglected.	Make sure that all company investments is run through the whole board and with the appropriate stakeholders, so that the company knows where to invest their efforts and capital.	
			Unclear mission statement	Business direction is vague and the company board doesn't have a goal.		The business doesn't have anything clear to work towards, so stakeholders and investors struggle to find interest and the workforce has little motivation in the company.	Develop a strong mission statement from the beginning and constantly educate the workforce of that mission statement, and why/how the company strives to uphold it.	