

IMS RISK ASSESSMENT

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Reference Number	Risk	Cause	Risk Event	Likelihood 1-5	Impact 1-5	Risk Rating 1-5	Risk Management
1	Data gets leaked	SQL Injection	Customer data Will be leaked from an online attack	2	5	5	We have used prepared statements instead of entering the data directly into java. This limits what an SQL injection can do and will keep data secure
2	Data does not connect	Wrong SQL user or pass	User will not be able to enter data into the database	2	3	3	I have made sure to add the ability to change the root username and password so that the user is able to match this to their local system.
3	Misspelling SQL query	Misspelling / wrong name used	This will throw an error as the query will not be able to return anything	3	4	2	This can be managed by making a standardised spelling/casing during the project so that the queries can be matched up easily.
4	User enters wrong id for item/order/customer	Typing incorrect ID	This will not let the user enter an id	1	1	1	The user will have the option to enter this again so is able to correct their mistake.
5	Software crashing	Bug / glitch / computer error	Taking time to get it working again	3	3	2	Making sure I am saving in intervals so if the software does crash I do not lose anything
6	Tests failing	Dependency	Not able to get tests working as dependencies are outdated/wrong	3	4	3	Make sure to get dependencies up to date right away