# Assignment 3 – Quarantine Survival Mart

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| Feedback from A2 | Solution Implemented |
| *Enumerate FKs that are not references to composite PKs. The order table is indicating that there is one composite foreign key made up of (ship\_to, bill\_to, and payment\_method\_used).* |  |
| *The script fails when inserting new products because the table name is incorrect. When that is fixed, the script fails because the description field lengths are not sufficient for the data you have provided. When that is fixed, the script fails because the price field lengths are not sufficient for the data you have provided. When that is fixed, the date field are of an incorrect format. You must test repeatedly to make sure everything is working before you submit. This is riddled with errors.* | The table names have been fixed.  The description and price field lengths have both been modified and are now sufficient for the provided data.  The date field formatting has also been updated to be compatible.  We have triple checked / tested everything before submission this time. |
| *The level is a good minor feature, but the additional FKs on the order table are part of your major features (address and payment). There are tons of attributes you can add to the product table, for example, to tailor that table towards your business.* |  |
| *A primary key enforces three things: a UNIQUE constraint, a NOT NULL constraint, and an INDEX. Meaning, there's no point in adding indexes to fields that are already part of the primary key. For the last index, it says that this will speed up the login process, but a customer would not log in with their id or name, they would login with their email and password. [+1 for attempt]* | The previous indexes have been replaced with new indexes on the username/password. |
| *I like what you've done with registered\_user so far. I would go further and ask: - Should users be allowed to update/delete their addresses and payment info? - Should they be able to delete things from their cart? - When a user puts in the same item into their cart twice, is that 2 inserts? Or is it actually one insert and one update? [+1]* | User permissions have been updated to allow for deletion and update of their account info. |
| *The view should exist either to provide privacy from certain columns or abstract a complex query that joins multiple tables. The last view is not written properly. A view is always created on a SELECT statement. It's also missing a semi-colon.* | The view in question has been fixed. |
| *I appreciate the idea of your triggers, but they are not implemented properly. When trying to run them I get several errors.* | The triggers have been updated to work properly. |
| *Aside from the products not being added properly, the order\_item table is never populated. You can't have an order without items. Further, the order table is not populated properly (type and format issues).* | The problem has been solved. |