

CSCI 3901 ASSIGNMENT 5 – 3 –DOCUMENTATION

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Date: 2021-12-05

This is not official documentation as it wasn't asked in the assignment. But this can be used to get an idea of implementation in the third problem.

3.1) The database was designed with the required modifications. The below tables were added

- Officetax – This table will link the offices and tax table. As it is mentioned tax is according to the office.
- Taxes – This will have the records of tax percentages according to the implementation dates
- Promotions – This will have the promotions according to the offices and applied to an order
- Shipping – This table will have the details of shippers and can be updated in orders.
- Shippercentage – This table will have the record of percentages over the time for orders.

3.2) SQL files were updated

3.3) SQL files were updated

3.4) As promotions data was not populated, I am giving it manually in the code (inside checkout()). That part can be commented out if populating via mysql. Otherwise, all promos will be zero.

Assumptions –

Considered the following assumptions while designing database:

Assuming each office can have many promotional codes

Assuming that the same promo code can be used by many offices

Promocode should be in use for atleast one office otherwise it is just redundant waste data.

Tax, shipping, promo can be zeroso default null

No shippers for an order(self-ship)