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ICS 311

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**Tarjay Supermarket Project**

**Mission**

Business owners would do anything to keep their businesses afloat. This project is important because it provides you with the ins and outs of the supermarket business. When the project is done we’ll have tried to raise the profit margins as much as we can. The project will reduce losses. We’ll make sure that the data entered is accurate and reliable to ensure integrity in the project. We’ll make sure our employees are paid correctly so that they can provide excellent customer service to our customers. This will increase sales and business more profitable.

**Description**

This project entails me as the database administrator who has negotiated with the owner of an upcoming supermarket called Tarjay. The owner wants me to come up with a database system that will enable him to keep track of sales, employees, losses and other business data. He wants the data that is entered into the database to be safe, confidential and also make sure that it’s not be altered with. The owner also wants me to make sure that we can store products that are in the supermarket and how to account for them. The database will be responsible for these functions. Since he is opening up different branches he wants me to make sure I can keep record for each store.

**Goals**

* Check profits and make sure they’re increasing
* Check losses and ensure they are lower than profits
* Ensure transactions of at least 10,000 per quarter
* Make sure each product is accounted for
* Ensure entered into the database system data is reliable

**Scope**

**In Scope**

* Loss
* Profit
* Products
* Customers
* Employees
* Distributors

**Out Scope**

* Issuing Credit card from store company
* Membership to store
* Competition (other stores)
* Free food samples

**Requirements**

* Make sure profits are entered correctly and accurately
* Add losses to database to ensure they are being accounted for
* Ensure employees’ information is accurately added and updated accurately
* To record , capture and query data
* Keep track of transaction
* Account for products in the store
* We want to keep track for all branches of Tarjay so we need to keep track of each stores data
* Although not a main part of the problem, we do want to keep track of the credit cards that’s offered to customers for our records