**Project Proposal in CS323 – System Fundamentals**

**Existing System: “COPOS** **by Mic Dumala”**

**Proposed System: “Coffee Business Point of Sale and Purchase Inventory Management System using C#.net and Ms Access Database”**

**Overview:** CoPOS is a simple system where it can provide easier capturing of data sales and inventory of a shop with data security which records the transaction of a certain user. The objective of CoPOS is to store large number of sales and inventory in long term purposes with data security that captures each transaction made by the user. User can do transaction for each customer in a few click that includes transaction recording. CoPOS was made by Mic Dumala.

**Problems:**

1. Database cannot identify resigned employees

1. Cannot update added item in inventory
2. The system authorization is vague.
3. The system lacks security, every user that have access to the system can edit the database of another user.
4. Backup of Data

**Solutions:**

1. Add a database that separates employees who are already resigned.

2. Reset the syntax for the selection and updating

3. Recreate the UI for customer and for the management

4. Remake/recreate the process of inputting account and include more authorization between an admin and employee.

5. By using Ms Access who uses RDBMS to store data, it will make it more secured.

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