Group name: Group 3

Project name: Digital Spaza project

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| **Process methods** | **Data capture** | **Data entry** | **Data process** |
| Keyboard | The system captures the data on the database table from the keyboard. The data can be collected later from the database via the DBMS and viewed on the system. | The data is entered by the customer, supplier, and owner via the keyboard. | Data is processed as soon as it is keyed. |
| Mouse | The mouse is used to select and click on buttons displayed on the GUI. | The mouse can be used together with the keyboard to simplify data entry.  The mouse controls the cursor on the screen and can help during the data entry to reduce errors via point-and-click choices | Data is processed as soon as it is keyed and then clicking the button that will process the data. |
| Point of scale | The system captures the data on the database transaction table from POS. The data can be collected later from the database via the DBMS and viewed on the system. | The data is entered by the cashier via POS. | The data is processed immediately as the transaction. |

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| Process Method | Data Capture | Data Entry | Data Processing |
| Keyboard | Data can be collected directly from the company’s computer.  Data can be collected in real-time (over the phone) | Data is entered via a device keyboard. | Data may be captured immediately after it has been keyed. |
| Mouse | Same as above | Usually used simultaneously with the keyboard to function as a pointer to graphics. | The use of a mouse is most commonly associated with online and real-time processing. |
| Point Of Sale | Data is captured via the Point Of sale that the company uses. | Data is entered directly by the customer or by a company consultant/cashier. | Data is processed immediately as a transaction. |

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| Process method | Data Capture | Data Entry | Data Processing |
| Keyboard | The system receives the data entered by the customer via the keyboard, the data is collected and stored | Customer interacts directly with the system entering the data with the use of a keyboard | Data is processed as soon as the user clicks the enter button |
| Mouse | With the use of the mouse the user can navigate and click on the elements of the GUI and can also exit the system | Used along with the keyboard the mouse is used as a pointer for the elements in the GUI, it is used for point and click purposes | Mouse is used for point and click purposes such as clicking on buttons /radio buttons and checkboxes for real-time processing |
| Point of sale | There are no source documents all transactions occur through the use of the system | Data is entered directly by the customer or even the owner | Data is processed immediately and output is received immediately |

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| **Process Method** | **Data Capture** | **Data Entry** | **Data Processing** |
| Keyboard | Data is captured on a business form.  Data is collected real-time (with the use of Business PC) | Data is entered using a keyboard. | New: Data is collected as soon as the user press enter.  Old: Data can be collected into databases. |
| Mouse | Same as above. | It’s used as a point device on the screen. Helps on the user interface to reduce errors through point-and-click choices. | Same as above.  Data can be captured as soon as the user click the enter button. |
| Point of sale | Data is captured as close to the point of sale(or transaction). | Data is entered directly by the customer by an employee directly interacting with the customer. | Data is almost always processed immediately as a transaction. |

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| **Process Method** | **Data Capturer** | **Data Entry** | **Data Processing** |
| **Keyboard** | Data captured on Databases and SQL code | Data is entered via keyboard | OLD: Data can be collected on existing SQL Databases |
| **Mouse** | Same as above | Used as an input device used for pointing and clicking a users’ selection | Same as above |
| **Touch screen** | Same as above | Enter data using handwriting recognition | Same as above |
| **Point of sale** | Data captured close to point of sale | Supplier, customer and owner can access and enter data directly on the system | Use remote batch for storing data |
| **Magnetic ink** | Customer can add their details, Owner can update the system | Customer added data to be entered using another input method | Same as above |
| **Electromagnetic** | Data recorded on databases | Data is transmitted and displayed to the screen through SQL connection | Data is always processed immediately |
| **Biometric** | Use of passwords for signing in instead of biometrics | Data is read and verified by the computer | Data is processed immediately |