***NUNUA PAMOJA APPLICATION DESIGN***

User is authenticated?

Biometric Based

Exit Authentication Attempts Is exhausted

Multi-Factor Based

Enter Authentication Credentials

Start

Application Start

User Has Account?

Authentication

Password Based

Payment View

Authentication Attempts Is exhausted?

Baskets View

Sign in View

Cart View

Account Recovered?

Account Recovery

Products View

Shop View

Authorization

Home View

Customer Support View

User Account View

Registration View

Product Management View

Account Registration

Pick Up Stations Management View

Payment and Transaction Management View

Order Management View

Account Created?

Reports Dashboard

Application Settings

Factories/Supplies Management

Application Control Panel

|  |  |  |
| --- | --- | --- |
| Symbol | Name | Function |
|  | No/False |  |
|  | Yes/True |  |
|  | Flow | Process Direction of flow |
|  | Start/End Symbol | The terminator symbol marks the starting or ending point of the system. It usually contains the word "Start" or "End." |
|  | Action or Process Symbol | A box can represent a single step ("add two cups of flour"), or and entire sub-process ("make bread") within a larger process. |
|  | Document Symbol | A printed document or report |
|  | Multiple Documents Symbol | Represents multiple documents in the process |
|  | Decision Symbol | A decision or branching point. Lines representing different decisions emerge from different points of the diamond. |
|  | Input/Output Symbol | Represents material or information entering or leaving the system, such as customer order (input) or a product (output). |
|  | Manual Input Symbol | Represents a step where a user is prompted to enter information manually. |
|  | Preparation Symbol | Represents a set-up to another step in the process |
|  | Connector Symbol | Indicates that the flow continues where a matching symbol (containing the same letter) has been placed. |
|  | Or Symbol | Indicates that the process flow continues in more than two branches. |
|  | Summoning Junction Symbol | Indicates a point in the flowchart where multiple branches converge back into a single process. |
|  | Merge Symbol | Indicates a step where two or more sub-lists or sub-processes become one. |
|  | Collate Symbol | Indicates a step that orders information into a standard format. |
|  | Sort Symbol | Indicates a step that organizes a list of items into a sequence or sets based on some pre-determined criteria |
|  | Subroutine Symbol | Indicates a sequence of actions that perform a specific task embedded within a larger process. This sequence of actions could be described in more detail on a separate flowchart. |
|  | Manual Loop Symbol | Indicates a sequence of commands that will continue to repeat until stopped manually. |
|  | Loop Limit Symbol | Indicates the point at which a loop should stop. |
|  | Delay Symbol | Indicates a delay in the process. |
|  | Data Storage or Stored Data Symbol | Indicates a step where data gets stored. |
|  | Database Symbol | Indicates a list of information with a standard structure that allows for searching and sorting. |
|  | Internal Storage Symbol | Indicates that information was stored in memory during a program, used in software design flowcharts. |
|  | Display Symbol | Indicates a step that displays information. |
|  | Off Page | Indicates that the process continues off page. |