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| Function No | Function name | Priority | Target user | How to use | User benefit |
| 1 | Commodity search |  | Manager | Firstly user input a search query  Then user can get the result list of meeting the search query | User can easily get the commodity list of meeting the search query. |
| 2 | Commodity information import |  | Manager | Firstly user input the commodity information containing the number, the unit price, the name, the position in the supermarket and so on.  Then user can save the commodity information. | User can easily save the commodity information so that user will search the commodity easily. |
| 3 | Remaining commodity query |  | Manager | Firstly user input the name or id of the commodity  Then user can get the remaining amount of the commodity | User can easily know the remaining amount of the commodity so that user can make decisions how many also need to purchase this commodity in the next procurement time. |
| 3 | Orders query |  | Manager | Firstly user select the time period.  Then user can get the orders record list and the sum of sales amount during that period | User can easily know the consumption of customers and help user to make decisions how to arrange the sales in the future. |
|  | Supermarket query |  | Manager | Firstly user can select a supermarket in the list of all the supermarket of different position in this company  Then user can view the detail information of the supermarket | Because there many supermarkets in this big company, the user need to know the detail information of every supermarket of different regions. Doing so can make user easily know how to operate and adjust so many supermarkets. |
|  | Commodity association prediction |  | Manager | Firstly user input the name of the id of a commodity  Then user can get all the association commodities of the commodity based on the prediction of past data | User can easily know the degree of association between the commodities, and can make decision to put commodities with the high degree of association together so that customers can easily get multiple commodities that they all want to. And increase the sales of the commodity. |
|  | Supplier query |  | Manager | Firstly user can input the name of a supplier  Then user can get all the detail information of the supplier. | User can easily know the detail information of every supplier. User can know how many commodities the company purchase for some supplier. User can also know how many types of commodities the company purchase. |
|  | Sales prediction |  | Manager | User can get the prediction sales list of all goods this year according to the sales data of past years | User can get the approximate sales of each product this year. Doing so can help user arrange the purchase amount of each commodity. |
|  | Commodity price prediction |  | Manager | Firstly user can input the name of a commodity  Then user can get the prediction price of the goods this year according to the price data of past years. | User can easily know the prediction price of every commodity. Doing so can help user set the reasonable price for each commodity according to the prediction commodity price. |
|  | Employee attendance status |  | Manager | Firstly user can input the name of an employee and select a period  Then user can get the attendance status of the employee during that period. | User can easily know the attendance status of each employee. Doing so can help user evaluate every employee performance. |
|  | Commodities sales trends |  | Manager | Firstly user can input the name of a commodity and select a period  Then user can get the trend of the commodity during that period | User can know the sales trends of one commodity. User can control the number of purchase of this commodity to reduce costs. |
|  | Performance status |  | All employees | Firstly user can select a period  Then user can get the performance every month during that period | User can know the performance every month so that user can make decision how to behave better. |
|  | Salary status |  | All employees | Firstly user can select a period  Then user can get the salary status every month during that period | Make user easily know the salary status every month |
|  | Purchase of commodity |  | Manager | Firstly user can select a period.  Then user can get the list of total amount of every commodity in every purchase | Make user easily know the purchase of commodity in the past |
|  | Revenue and expenditure status |  | Manager | Firstly user can select a period  Then user can get revenue and expenditure status during that period | User can easily get revenue and expenditure status. Doing so can help user know the status of every supermarket and help user make next step to improve the revenue of every supermarket. |
|  | Personnel query |  | Manager | Firstly user can input the name of an employee  Then user can get the detail information of the employee | User can easily know the summary information of an employee so that user can better organize the work of their employees |
|  | Order generation |  | Casher | Firstly user scans every commodity that the customer purchases.  Then user click the button to get the total amount of all commodities and generate the order.  Finally the custom pay the money | User can avoid the human mistake of calculating total price. Also user can save time for the purchase process and improve the customer’s satisfactions |
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|  | Expired commodity reminder |  | Manager | User can get the list of all the expired commodities | User can easily know all the expired commodities, so that user can find the expired commodities in the supermarket and easily arrange employees to replace the expired commodities. |
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