**Software Requirements:**

**Operating system:** Windows

**Software**: Code::blocks 20.03

**Functional Requirements:**

At first,the application will show a main menu with following functionalities:

\* Calculate bill - This function allows the user to calculate customer bills. It prompts the user to enter code and quantity. Based on the input, bill is calculated.

\* Add goods - This function allows users to add new goods to the system.

\* Delete goods - This function allows user to delete specific good by using item code.

\* Edit goods - This function allows the user to modify the details of the goods by using item code. After item code is provided, user is prompted to choose the entity to be modified (1-code,2-name,3-rate,4-quantity).

\* Display goods - This function allows user to view all the available goods and their details.

**\*** Search goods - This function allows the user to search for goods details based on three factors (code,quantity,rate). In case of quantity and rate lower and upper value must be given.

\* Exit – Terminates the application.

All the goods details are stored and manipulated using files. The file will have item code, item name, item rate, item quantity.