The user interface is console based, utilizing scanf(), fgets() for reading the data from the user and the file and printf(), fprintf() to display and write data in a file.

The main() serves as the base of the project from where all the other functions are called and executed. It acts as the platform for almost all the user interaction whether it is the customer or the employee or the manager.

The warehouse() is called when a manager logs in with his password. It adds the new items bought by the manager in the warehouse.txt file.

The display() displays all the items and their quantity present in the warehouse.txt file to the manager and the employee.

The signup() adds a new user’s username and password to the user.txt file.

The signin() checks if the username and password entered by the user are present in the user.txt file or not.

The delivery() uses pointers to calculate the time taken to deliver the items to the user.

The data is stored using a nested combination of structures and unions, text files(warehouse and user) and local variables.

We have added a cart that stores all the products and their prices to help users keep track of their purchases.