**Technical Documentation**

This project is a stock control system. First, security is provided by requesting a password from the user. If the password is incorrect, the password entry screen reappears. The user can re-enter the password or exit. If the password is correct, the user is redirected to the main menu. Products are displayed in the main menu. The user is expected to make a selection. The user can add products, edit products and delete products. Or the user can exit without doing anything. There are several functions and one structure in the project. These are listed and explained below.

**Functions:**

void fullscreen (void) 🡪 This function makes the program fullscreen.

void gotoxy (int, int) 🡪 This function takes the cursor to the coordinates entered.

void color (int) 🡪 This function color the text.

void show\_list (int, int) 🡪 This function draws rows and columns lines.

void first\_screen (void) 🡪 This function shows an animation and password entry screen.

void password (void) 🡪 This function retrieves the password from the user and checks the authenticity.

void main\_menu (void) 🡪 This function is the main menu of the program.

void view\_product (void) 🡪 This function shows product list.

void add\_product (void) 🡪 This function adds product.

void delete\_product (void) 🡪 This function deletes product.

void edit\_product (void) 🡪 This function edites product.

void close\_menu (void) 🡪 This function shows the closing animation.

**Structure:**

struct order {

char ID [3] 🡪 ID of the product.

char date [9] 🡪 Date of purchase of the product.

char website [11] 🡪 The website where the product was purchased.

char product [17] 🡪 Product name.

char price [9] 🡪 The price of the product.

char guarantee [13] 🡪 The latest date of arrival of the product.

char delivery [9] 🡪 The date the product was delivered.

char refund [9] 🡪 The amount of refund.

char sales [10] 🡪 The price at which the product is sold.

char profit [10] 🡪 Earned profit.

char rate [8] 🡪 Exchange rate differences.

char account [27] 🡪 The account from which the product was purchased.

};

struct order order;