


```

scanf("%d",&ch);
if(ch==1)
    createacc();
else if(ch==2)
    item_network();
else if(ch==3)
    admin_network();
else if(ch==4)
    buy_item();
else if(ch==5)
    sell_item();
else if(ch==6)
    rent_item();
else if(ch==7){
    remove("account.txt");
    main();
}
else
    exit(0);
getch();
}

void createacc(){
    system("cls");
    FILE *fp = fopen("account.txt","a");
    delay(150);
    printf("\n");
    printf("-----NEW ITEM ENTRY FORM-----\n");
    accno:
    printf("    Enter Your 5-digit Item No.: ");
    scanf("%d",&s.accno);
    printf("\n");
    printf("    Enter Item Name: ");
    fflush(stdin);
    fgets(s.name,80,stdin);
    printf("\n");
    printf("    E-Electronics\n");
    printf("    B-Book\n");
    printf("    V-Vehicle\n");
    printf("    Enter Account Type(E\\B\\V): ");
    scanf("%c",&s.type);
    printf("\n");
    printf("    Enter Item Cost: ");
    scanf("%ld",&s.amt);
    fwrite(&s,sizeof(s),1,fp);
    printf("\n\n    THANKS FOR USING OUR SERVICES YOUR ITEM IS ADDED SUCCESSFULLY.....");
    fclose(fp);
    getch();
    main();
}

void item_network()
{
    system("cls");
    FILE *fp;
    int ch;
    char utype;
    printf("    Enter Item ID.: ");
    scanf("%d",&ch);
    printf("\n");
    printf("=====\\n");
    printf("ITEM NO.          NAME          Type          COST    \\n");
    printf("=====\\n");
    fp = fopen("account.txt","r");
    if(!fp){
        printf("    File doesn't exists");
        getch();
        main();
    }
    int i=5;
    while(1)
    {
        fread(&s,sizeof(s),1,fp);
        if(feof(fp))

```

```

        break;
    if(s.accno==ch){
        utype=toupper(s.type);
        gotoxy(0,i);
        printf("%ld",s.accno);
        gotoxy(20,i);
        printf("%s",s.name);
        gotoxy(47,i);
        printf("%c",utype);
        gotoxy(61,i);
        printf("%ld",s.amt);
        gotoxy(76,i);
        i++;
    }
}
fclose(fp);
getch();
main();
}

void admin_network()
{
    system("cls");
    FILE *fp;
    char ch, utype;
    printf("=====\\n");
    printf("ITEM NO.           NAME           Type           COST   \\n");
    printf("=====\\n");
    fp = fopen("account.txt", "r");
    if(!fp){
        printf("   File doesn't exists");
        getch();
        main();
    }
    int i=5;
    while(1)
    {
        fread(&s,sizeof(s),1,fp);
        if(feof(fp))
            break;
        utype=toupper(s.type);
        gotoxy(0,i);
        printf("%ld",s.accno);
        gotoxy(20,i);
        printf("%s",s.name);
        gotoxy(47,i);
        printf("%c",utype);
        gotoxy(61,i);
        printf("%ld",s.amt);
        gotoxy(76,i);
        i++;
    }
    fclose(fp);
    getch();
    main();
}

void buy_item()
{
    system("cls");
    int ch;
    FILE *fin;
    fin = fopen("account.txt", "r");
    printf("                               SELLING PORTAL");
    delay(150);
    printf("\\n\\n");
    printf("   Enter Item ID: ");
    scanf("%d",&ch);
    while(fread(&s,sizeof(s),1,fin)){
        if(s.accno==ch){
            printf("\\n   Name of Item: %s\\n",s.name);
            if(s.type=='E')
                printf("       Item Type: Electronics\\n\\n");
            else if(s.type=='B')
                printf("       Item Type: Book\\n\\n");
        }
    }
}

```

```

        else
            printf("    Item Type: Vehicle\n\n");
        int cost;
        cost= s.amt*1.18;
        printf("    Sell Cost is: %ld\n\n",cost);
        break;
    }
}
getch();
main();
}

void rent_item()
{
    system("cls");
    int ch,time;
    FILE *fin;
    fin = fopen("account.txt", "r");
    printf("                                RENTING PORTAL");
    delay(150);
    printf("\n\n");
    printf("    Enter Item ID: ");
    scanf("%d",&ch);
    while(fread(&s,sizeof(s),1,fin)){
        if(s.accto==ch){
            printf("\n    Name of Item: %s\n",s.name);
            if(s.type=='E')
                printf("    Item Type: Electronics\n\n");
            else if(s.type=='B')
                printf("    Item Type: Book\n\n");
            else
                printf("    Item Type: Vehicle\n\n");
            printf("    Enter Time of Renting: ");
            scanf("%d",&time);
            int cost = time*.2*s.amt;
            printf("    Sell Cost is: %d\n\n",cost);
            break;
        }
    }
    getch();
    main();
}

void sell_item(){
    system("cls");
    long int accno2;
    char found = 'f';
    printf("                                SELL AN ITEM\n");
    FILE *fio=fopen("account.txt","r");
    FILE *file=fopen("temp.txt", "w");
    printf("    Please Confirm Your Item ID.:");
    scanf("%ld",&accno2);
    while(fread(&s,sizeof(s),1,fio)){
        if(s.accto==accno2)
            found='t';
        else
            fwrite(&s,sizeof(s),1,file);
            fflush(stdin);
    }
    if(found=='f'){
        printf("\n    Please Enter Correct Item ID.");
        getch();
    }
    fclose(fio);
    fclose(file);
    remove("account.txt");
    rename("temp.txt","account.txt");

    getch();
    main();
}
}

```