

Pseudo code

Sign in

```
hash info from frontend{
    string.read(email or phone number);
    while(until finds @ or 10 numbers ){
        if(char[i] ==@){
            String email = "read email";
        }
        if(string.read == XXXXXXXXXXXX){
            String phone = "read phone";
        }
    }
    string.read(password);
    checkInfoFromServer();
}
checkInfoFromServer{
    Email: "" or Password: "";
    if(inputEmail == getEmail())
        Return true;
    Else{
        Return false;
        print("Error Message");
    }
    if(inputPassword == getPassword())
        Return true;
    Else{
        Return false;
        print("Error Message");
    }
    Customer/DriverPage();
}
clickOnForgotPasswordButton(){
    prompt(Enter Email or Phone Number);
    checkPrompt(checkInfoFromServer);
    prompt(Enter New Password);
    readPassword();
    HashPassword();
}
clickOnSignInButton(){
    checkInfoFromServer();
}
clickOnSignUpButton(){
    showPromptPage();
}
```

Signup

```
get Info from frontend(){
    getUsername();
    getPassword();
    getCreditcardInfo();
    getAddress();
    getemail();
    getPhone();
}
HashPassword() {
    HASH(password);
}
POSTtoServer(){
    Post({
        Username: ""
        Password: ""
        creditcardInfo{
            Number : 0
            Cvv: 0
            Name: ""
            Address: ""
        }
        Address: ""
        Email: ""
    })
}
Driver
ClickOnSearchButton(){
    Look for customers(){
        Get back a list of customers();
    }
}
ShowList()
{
    addCustomersToList();
}
ClickOnCustomer(){
    showMap();
    showName();
}
ClickOnDrive(){
    sendinfotoCustomer();
    startDrive();
}
}
```

Customer

```
SearchForDriver(){  
    getInfoFromBackend();  
    getBackResponseWhenADriverAcceptsTheJob()  
}
```

```
}  
WriteDataToScreen(){  
    putDriverInfoOntoScreen();  
}
```

Reports

```
GETReports(){  
    GET (Reports)  
}
```

```
Fill in lists(){  
    Add to the two lists  
}
```

System Architecture:

Layered system

-Html/css Frontend

-javascript for user auth and GET and POST requests to the server side

-Javascript server side to push and consume data from frontend

-sql database to store data