

Requirements specification

The application is used to create deliveries for any user. The users can give the specifications of their package/s they want to send and the location from which to pick up. The price of delivery is then calculated. They can make international or domestic orders. The users can create accounts and login with them. They can view their profiles and make changes to them (update it or delete it). They can also see all of their orders.

Use case #1 - Login

When you open the application, you will be presented with a data entry form. The form will have 2 input spaces, 1 for email input and another for password input. A button is part of the form, when clicked by the user it should send the email and password information to the system for validating. If validated correctly (email exists and password is correct) then the user will be allowed further into the system to achieve other use cases. An error message is displayed if something was incorrect.

Use case #2 - Register

When you open the application, you will be presented with a data entry form. A button for registering is at the bottom of the form. When the user clicks the button, he will be sent to another data form with input fields for his email, password, confirming his password, first name, second name, company name if he has one, phone, address, duns code for his company if he has one, country and zip code. At the bottom of the data form, he can click a button either to cancel, which should return the user to the main screen, or another button to register. When the register button is clicked, his data should be sent to the system to check if it is correct and create his account. If all goes well a message saying he has registered should be displayed to the user and he has to be taken to the main screen. If not, an error message saying something went wrong should be sent and under the input fields if there was an error with that input field's data, text in red should be shown saying what was wrong with the field.

Use case #3 - Order a delivery

Once successfully executing the "Login" use case you will be shown a screen with on 1 side you can see the profile information and on the other you can click a couple of buttons ('Update Profile', 'Create a Delivery', 'View Orders'). When the user clicks on create delivery he is taken to a different page. The screen is split into 2 parts, on 1 side you have a form for the package you want to send, and on the other side is information for the actual delivery itself. The form for the package has input fields for the weight, height, width, depth, if there are any fragile things inside, if there are electronics inside and if it is odd-sized. The other side has a form with input fields for the location for pick-up, location for delivery, priority shipping, international shipping or domestic and a message for the delivery. At the bottom of the screen, we have a cancel button which should return the user to the previous screen and a button for creating a delivery. Once clicked, the user's information will be checked by the system. If there are any incorrectly inputted fields, a message will be displayed saying something went wrong and under the incorrect fields the exact issue will be shown in red. If they are correct a user will be taken to a screen for payment, here the user will have a data form for inputting their payment information with input fields for the billing address, card, security code. Above the form will be displayed the amount that has to be paid for the delivery. At the bottom he will have a cancel button which will take him to the "View Profile" page when clicked and a button for complete delivery. Once clicked the information will be checked by the system if there are any incorrectly inputted fields. If they are incorrect a message will be displayed saying something went wrong and under the incorrect fields the exact issue will be shown in red. If they are correct the user will be taken to the "View Profile" page and a message saying that they successfully created a delivery will be shown.

Use case #4 - View Profile

Once successfully executing the "Login" use case you will be shown a screen with on 1 side you can see the profile information and on the other you can click a couple of buttons ('Update Profile', 'Create a Delivery', 'View Orders'). The user information (email, first name, second name, company name if he has one, phone, address, duns code for his company if he has one, country and zip code) is presented on 1 side.

Use case #5 - Update Profile

Once successfully executing the "Login" use case and 'View Profile' use case a user then can update his profile (password, first name, second name, company name if he has one, phone, address, duns code for his company if he has one, country and zip code) by clicking on a button called 'Update Profile' that would display a data entry form with data field filled out with existing data for the user. Users can change the value and press a button to save the changes or cancel. When the 'Update Information' button is clicked, his data should be sent to the system to check if it is correct and update his account. If all goes well a message saying that the profile was updated, should be displayed to the user and he has to be taken back to the 'View Profile' page. Otherwise, a message saying something went wrong should be sent and under the input fields if there was an error with that input field's data, text in red should be shown saying what was wrong with the field.

Use case #6 - View Orders

Once successfully executing the "Login" use case and 'View Profile' use case a user then can press on the 'View Orders' button. Users will be shown a screen with a list of current/ongoing orders and below another list of previous orders. In each row there will be some data about the order, and if the user clicks on the row, it will be expanded down showing some additional information. Users should also be able to filter the orders by date.