Requirements specification review

<u>Manager</u>: Arturo
<u>Author</u>: Aleksandar Minchev
<u>Moderator</u>: Alexandru Sandrovschii
<u>Scribe</u>: Dorin Moldovan
<u>Reviewers</u>: Dorin Moldovan, Radu Cazacu, Alexandru Sandrovschii

Planning:

Date: 24.05.2022
Time estimation: 1h
Entry criteria: Read the Requirement specification document provided by the author
Exit criteria: Ask questions to the author, get answers,propose changes. Less than 20 defects found.

Preparation:

Distribution of review documents:Yes
Checking Entry criteria: Yes
Individual review: Done
Issue communication and review: A meeting to communicate potential defects. Analyze defects in the meeting. Meeting scheduled for 10:30 24/05/2022

Review Meeting:

Action: A Review Meeting was held with the development team to discuss and analyze found defects. Each reviewer had his own list of found defects, which were brought up and discussed together. Agreed on defects were written in the table and given a priority.

Evaluation of the review result against exit criteria: Participants in the review feel that they have noted down all defects(review) and asked all questions that they wanted answered.
Meeting time: 10:30 24/05/2022
End time : 11:30 24/05/2022

Defect	Description	Priority	Proposed changes
1	Define who users are in the requirements statement	Medium	Explicitly say who the users will be.
2	Define the number of possible packages in 1 delivery by 1 user	High	1 delivery should have 1 package by 1 user

3	Define how the delivery price will be calculated	High	35 base price DKK, increasing with either electronics, oddsized, international shipping, size and fragile contents(35 * factor for each one present)
4	Is the application browser based or mobile	Medium	Make a choice between mobile or browser
5	Define how the error message is displayed	Low	The error message should be displayed in a pop-up text box, at the bottom right of the screen in a red color.
6	Define what exactly is the first data entry form that is mentioned.	Medium	Change the text saying that the data form from login is displayed and where the button is located
7	Define main screen	Low	Replace main screen with login page
8	Define how the message looks	Low	The message should be displayed in a pop-up text box, at the bottom right of the screen in a green color.
9	Define what side means	Low	The screen is split vertically.
10	Where the buttons and profile information are located	Low	Nothing proposed
11	Define what location means in our context	Medium	Location should be address, city, zip and country
12	Are all fields required	Medium	Say which fields are mandatory
13	Define where receiver options are located	Medium	Say in which part of the screen the receiver options are and what they are.
14	Standardizing the text	Low	Use the same wording as in other places to avoid confusion, the most descriptive variant has to be chosen.
15	What initial data should the order display	Low	City, Start and End date of the order should be shown first

16	What is the additional information for the order	Low	Should expand and show the full address, the package information, receiver and/or destination information, A close button to expand back down the menu.

Rework:

The application which should be browser based[4] is used to create deliveries for any user , individual people who want to send packages to family or friends, or companies[1]. The users can give the specifications of their package/s, each individual package should have 1 delivery for it made,[2] they want to send and the location from which to pick up. The price of delivery is then calculated(the base price is 35 DKK, the formula is 35+ 35(oddsized_factor+electronics_factor+international_factor+fragile_factor+size_factor), factor is either 0,05 or 1 depending on factors.) [3]. 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.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.(The error message should be displayed in a pop-up text box, at the bottom right of the screen in a red color.)[5][14].

Use case #2 - Register
When you open the application you will be presented with the login form.[6] 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 login page[7], 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(The message should be displayed in a pop-up text box, at the bottom right of the screen in a green color.)[8] saying he has registered should be displayed to the user and he has to be taken to the login page[7]. If not, an error message(The error message should be displayed in a pop-up text box, at the bottom right of the screen in a red color.)[5] 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, which is split vertically, on 1 side[9] 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 profile information ()[10]. When the user clicks on create delivery he is taken to a different page. The screen is split into 2 parts vertically[9], 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(location means the address,zip,city and country of the place for pick-up and place for delivery)[11], priority shipping, international shipping or domestic and a message for the delivery(the location fields are necessary all others are not)[12].The receiver option are located above the delivery information, they can be opened when you click a checkbox to allow for editing them[13]. 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(The error message should be displayed in a pop-up text box, at the bottom right of the screen in a red color.)[5] 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(The error message should be displayed in a pop-up text box, at the bottom right of the screen in a red color.)[5] 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(The message should be displayed in a pop-up text box, at the bottom right of the screen in a green color.)[8] 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, which is split vertically, on 1 side[9] 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,on the left side of the vertically split screen[9].

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(The message should be displayed in a pop-up text box, at the bottom right of the screen in a green color.)[8] 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(The error message should be displayed in a pop-up text box, at the bottom right of the screen in a red color.)[5] 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(city, start and end date of the order should be shown)[15], and if the user clicks on the row, it will be expanded down showing some additional information. Should expand and show the full address, the package information, receiver and/or destination information.At the bottom of the expanded menu close button to expand back down the menu should exist.[16]. Users should also be able to filter the orders by date.

Follow-up:
Meeting date: 25/05/2022
Follow-up reviewer: Alexandru Sandrovschii
Action taken: Author has successfully taken correct action to correct the document/s which were under review. All defects have been corrected.

Gathering metrics:
-   Review time :1 hour
-   Defect found - 16
-   Correction time : 30 mins
-   Pages: 1.5
Checking the fixed work product against criteria: Yes