**Containers Weekly Scribe Report**

**I.** **ROLES FOR ASSIGNMENT 3**

Team Leader: Ethan Henson Team Member: Eman Nawaz

Team Scribe: Triston Mobley Team Member: Trevor Paige

**II.** **MEETING INFORMATION**

Our team met on September 27th from 2:30 – 3:06pm via Discord Ethan Henson, Trevor Paige, Eman Nawaz, and Triston Mobley were present at the meeting.

**III.** **TOPICS COVERED**

A) The system requirements

B) The traceability matrix

C) Use case scenarios

**IV.** **ACCOMPLISHMENTS & CONTRIBUTIONS**

A) Team leader: Ethan Henson led the group and made sure that everyone understood there assigned responsibilities.

B) Team member: Trevor Paige completed his assigned part of the group work on time.

C) Team member: Eman Nawaz completed her assigned part of the group work on time.

**V.** **RESPONSIBILITIES**

A) Ethan Henson: Submit the final version of the assignment document.

B) Triston Mobley: Send the scribe report for submission.

C) Eman Newaz: Complete assigned portion of group work.

D) Trevor Paige: Complete assigned portion of group work.

1. System Requirements

| System Requirement | Contributor |
| --- | --- |
| REQ 1: The system should allow the customer to view the progress of their order letting them know when it’s being packaged, when it ships, and when it arrives. | Ethan Henson |
| REQ 2: The system should keep a log of when orders were placed so that the shipper is able to get orders ready in the order they were placed. | Ethan Henson |
| REQ 3: The system should record the last known location of a drone that suffered a malfunction while making a delivery so that it can be retrieved. | Ethan Henson |
| REQ 4: The system should allow for two factor authentication for added security if the customer wants to opt into it. | Triston Mobley |
| REQ 5: The system should allow for multiple account recovery methods such as a personal phone number or personal email. | Triston Mobley |
| REQ 6: The system should allow for the customer to choose packaging for items in an order to ship separately or in one package. | …Triston Mobley |
| REQ 7: The system should allow businesses to view their submitted orders, or modify if applicable. | Eman Nawaz |
| REQ 8: The system should allow the customers to save information (ordered items, addresses) to their account for easy access. | Eman Nawaz |
| REQ 9: The system should allow users to create both normal customer accounts and business accounts as well. | Eman Nawaz |
| REQ 10: The system shall maintain a history log of all prior purchases for later review | Trevor Paige |
| REQ 11: The system should allow for mistakes while entering login. To keep security in tact, login attempts should be kept small, say three, after which the system will block the user from logging in until time has passed. | Trevor Paige |
| REQ 12: The system shall give a receipt of purchase to the customer, and offer for the receipt to be printed. | Trevor Paige |

1. Traceability Matrix

| **REQ’T** | PW | UC1 | UC2 | UC3 | UC4 | UC5 | UC6 | UC7 | UC 8 | UC 9 | UC 10 | UC 11 | UC 12 | UC 13 | UC 14 | UC 15 | UC 16 | UC 17 | UC 18 | UC 19 | UC 20 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **REQ1** | 5 | X |  |  | X |  |  |  |  |  |  | X |  |  | X |  |  |  | X |  | X |
| **REQ2** | 4 |  | X |  |  | X |  | X |  |  |  |  | X |  | X |  |  |  |  |  |  |
| **REQ3** | 3 | X |  | X | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **REQ4** | 1 |  |  |  |  |  | X |  |  |  |  |  |  | X |  |  | X |  |  | X | X |
| **REQ5** | 3 |  |  |  |  |  |  | X |  | X |  |  |  | X |  |  | X |  |  | X |  |
| **REQ6** | 2 |  |  |  |  |  |  |  | X |  |  |  |  |  |  |  |  |  | X |  |  |
| **REQ7** | 5 |  | X |  |  | X | X |  |  | X |  |  | X |  |  | X |  |  | X |  |  |
| **REQ8** | 3 |  |  |  |  |  |  |  |  |  | X |  |  | X |  |  | X | X |  |  | X |
| **REQ9** | 3 |  | X |  |  | X |  |  |  |  |  |  |  | X |  | X | X |  |  |  | X |
| **REQ10** | 4 | X |  |  | X |  |  |  | X |  |  | X | X |  |  | X |  |  | X |  | X |
| **REQ11** | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X |  |
| **REQ12** | 2 |  |  |  |  |  |  |  |  |  | X |  | X |  | X |  |  |  | X |  | X |
| **Max PW** | | 5 | 5 | 3 | 5 | 5 | 5 | 4 | 4 | 5 | 3 | 5 | 5 | 3 | 5 | 5 | 3 | 3 | 5 | 5 | 5 |
| **Total PW** | | 12 | 12 | 3 | 12 | 12 | 6 | 7 | 6 | 8 | 5 | 9 | 15 | 10 | 11 | 12 | 10 | 3 | 18 | 9 | 18 |

1. Use Case Scenarios

| Use Case | Contributor |
| --- | --- |
| UC1: User reports a delivery error.   1. User logs into account 2. System authorizes login credentials to allow user access 3. System displays interface showing menu options “Account”, “Order Deliver” 4. User selects “Account” 5. System retrieves and displays account information “Contact Info”, “Order Log”, “Addresses” 6. User selects “Order Log” 7. System displays users logged orders with the most recent orders first 8. User selects a specific deliver order 9. System displays details for current order including status (Saying the ETA or when it was delivered) It also displays the option to “report a problem” 10. User selects “report a problem” 11. User is prompted to describe the error with the delivery (i.e. wrong package or missing delivery) and submits 12. Management receives the form and the drones location log to check the problem 13. If an error was detected the user receives a message from management letting them know of the problem and refunding the delivery 14. User exits system | Ethan Henson |
| UC2: Shipper sends delivery   1. Shipper logs into their business account 2. System authorizes login credentials to allow business access 3. System displays interface showing menu options “Account”, “Order Log”, “Products” 4. Shipper selects “Order Log” 5. System displays all orders placed by users with open orders listed first and completed orders listed last and grayed. 6. Shipper selects the newest order. 7. System provides information about the products that need to be shipped. 8. Shipper gets items together and places them with the drone. 9. Shipper selects the order ready and sends the drone out. 10. System updates the order from new to in progress. 11. Drone delivers packages. 12. System updates the order from in progress to complete. | Ethan Henson |
| UC3: Drone suffers damage in flight   1. Drone is sent out to make a delivery 2. Drone encounters some obstacle that damages it causing it to crash 3. Drone sends emergency alert to the system 4. System alerts management of the drones last known location, as well as customer and shipper that there was an error 5. System updates delivery from in progress to incomplete 6. Customer receives a refund. | Ethan Henson |
| UC4: User reports a delivery error (alt)   1. User logs into account 2. System authorizes login credentials to allow user access 3. System displays interface showing menu options “Account”, “Order Deliver” 4. User selects “Account” 5. System retrieves and displays account information “Contact Info”, “Order Log”, “Addresses” 6. User selects “Order Log” 7. System displays users logged orders with the most recent orders first 8. User selects a specific deliver order 9. System displays details for current order including status (Saying the ETA or when it was delivered) It also displays the option to “report a problem” 10. User selects “report a problem” 11. User is prompted to describe the error with the delivery (i.e. wrong package or missing delivery) and submits 12. Management receives the form and the drones location log to check the problem 13. If no error was detected the user receives a message from management letting them know that the drone recorded no errors in the delivery and that the package being dropped off at their address and to ask neighbors or roommates if they received the package. 14. User exits system | Ethan Henson |
| UC5: Shipper cancels a delivery (alt)   1. Shipper logs into their business account 2. System authorizes login credentials to allow business access 3. System displays interface showing menu options “Account”, “Order Log”, “Products” 4. Shipper selects “Order Log” 5. System displays all orders placed by users with open orders listed first and completed orders listed last and grayed. 6. Shipper selects the newest order. 7. System provides information about the products that need to be shipped. 8. Shipper finds a problem (i.e. item is actually out of stock) 9. Shipper selects cancel order 10. System updates the order to canceled by shipper 11. User gets a notification and a refund for the canceled order | Ethan Henson |
| UC6:User opts into two factor authentication.   1. User signs into account   2. System authorizes login credentials to allow user access  3. System displays interface showing “Account”, “Security”  4. User selects “Account”  5. System retrieves menu options for “Account”  6. User selects “Security”  7. User selects enable “Two factor authentication”  8. User selects preferred method of Two factor authentication SMS verification  9. User enters personal number  10. User then signs out of account  11. User then signs in using two factor authentication | Triston Mobley |
| UC7: User chooses preferred account recovery method  1.User signs into account  2. System authorizes login credentials to allow user access  3. System displays interface showing “Account”, “Security”  4. User selects “Account”  5. System retrieves menu options for “Account”  6. User selects “Security”  7. User selects “Account recovery method”  8. User selects “Security question”  9. User enters answer to Security question  10. If the user loses access to the account they will be prompted to answer the security question to regain access | Triston Mobley |
| UC8: User chooses how many boxes to be used for the order.   1. User signs into account   2. System authorizes login credentials to allow user access  3. User chooses what to order.  4. User then is taken to the checkout menu  5. User selects which items to package separately  6. User finishes checking out  7. User then completes order with special instructions for packaging | Triston Mobley |
| UC9: User opts into two factor authentication (alt).   1. User signs into account   2. System authorizes login credentials to allow user access  3. System displays interface showing “Account”, “Security”  4. User selects “Account”  5. System retrieves menu options for “Account”  6. User selects “Security”  7. User selects enable “Two factor authentication”  8. User selects preferred method of Two factor authentication push notification  9. User then signs out of account  10. User then signs in using two factor authentication | Triston Mobley |
| UC10: User chooses preferred account recovery method (alt).  1.User signs into account  2. System authorizes login credentials to allow user access  3. System displays interface showing “Account”, “Security”  4. User selects “Account”  5. System retrieves menu options for “Account”  6. User selects “Security”  7. User selects “Account recovery method”  8. User selects “Recovery email”  9. User selects receive recovery email to the preferred alternate email  10. User logs into alternate email  11. User selects the recover email and selects the link in the email  12. If the user loses access to the account they will be prompted to access the recovery to confirm their identity to regain access | Triston Mobley |
| UC11: Track Delivery (REQ 1, REQ 10)   1. User logs into account 2. System authorizes login credentials to allow user access 3. System displays interface showing menu options “Account”, “Order Delivery” 4. User selects “Account” 5. System retrieves and displays account information “Contact Info”, “Order Log”, “Addresses” 6. User selects “Order Log” 7. System retrieves and displays users logged orders, most recent orders first 8. User selects a specific delivery order 9. System retrieves and displays details for current order (estimated delivery time, location) 10. User exits system | Eman Nawaz |
| UC12: Submit Delivery (REQ 7)   1. User logs into account. 2. System authorizes login credentials to allow user access 3. System recognizes user as a business account, displays business interface showing “Account” and “Deliveries” 4. User selects “Deliveries” 5. System displays menu giving options to “Track Delivery” or “Submit Delivery” 6. User selects “Submit Delivery” 7. System displays interface to input delivery information 8. User enters delivery information and confirms 9. System adds delivery to “Deliveries” list | Eman Nawaz |
| UC13: Create Account (REQ 9)   1. User opens System 2. System displays menu giving options “Login” and “Create Account” 3. User selects “Create Account” 4. System displays interface and prompts user to enter information 5. User enters information 6. System authenticates user information to allow account creation 7. System confirms account creation and signs user in | Eman Nawaz |
| Alternate UC14: Schedule Order   1. User logs into account 2. System authorizes login credentials to allow user access 3. System displays interface showing menu options “Account”, “Order Delivery” 4. User selects “Order” 5. System displays a menu giving options to “Order Now” or “Schedule an Order” 6. User selects “Schedule an Order” 7. System retrieves and displays information of businesses, their products, and times available to schedule orders 8. User finalizes their order 9. System confirms the order and adds to the users Order Log | Eman Nawaz |
| Alternate UC15: Modify Order (REQ 7, REQ 9)   1. User logs into account 2. System authorizes login credentials to allow user access 3. System recognizes user as business account, displays business interface showing “Account” and “Deliveries” options 4. User selects “Deliveries” 5. System displays menu giving options to “Track Delivery”, “Submit Delivery”, or “Modify Delivery” 6. User selects “Modify Delivery” 7. System retrieves and displays information for the specific order 8. User modifies applicable information 9. System updates new delivery information | Eman Nawaz |
| UC16:   1. User logs into account 2. System authorizes account, allowing user access 3. System displays interface showing menu options 4. User accesses account 5. System loads account page 6. User goes to change password 7. System displays change password page and prompt 8. User changes account password 9. System acknowledges password change, sending user back to account page 10. User logs out 11. System authorizes account log out | Trevor Paige |
| UC17:   1. User logs into account 2. System authorizes account, allowing user access 3. System displays interface showing menu options 4. User searches for product 5. System searches for product 6. User selects product 7. System acknowledges product selection, opens product page 8. User adds item to wishlist 9. System adds product to wishlist 10. User accesses wishlist 11. System opens up the wishlist page 12. User deletes item from wishlist 13. System takes item out of wishlist and updates cart page 14. User logs out 15. System authorizes account log out | Trevor Paige |
| UC18:   1. User logs into account 2. System authorizes account, allowing user access 3. System displays interface showing menu options 4. User selects account 5. System loads account page 6. User accesses past purchases 7. System opens up past purchases page 8. User adds past purchase to cart 9. System adds the past item to the cart 10. User accesses cart 11. User starts check out process 12. System asks for payment info and shipping data 13. User confirms order and checks out 14. System processes order 15. System sends user receipt and tracking data | Trevor Paige |
| UC19: Alternative   1. User logs into account 2. System authorizes account, allowing user access 3. System flags account login error, password or username entered incorrectly 4. User re-enters login info 5. System re-authorizes, allowing access 6. System displays interface showing menu options 7. User accesses account info 8. User selects change password 9. System sends password change request 10. User changes password 11. User logs out | Trevor Paige |
| UC20: Alternative   1. User logs into account 2. System authorizes account, allowing user access 3. System displays interface showing menu options 4. User searches for product 5. User selectes product 6. System adds product to cart 7. User accesses cart 8. System asks if user is “guest” and would like to “create account” 9. User creates account 10. System authorizes new account, allowing user access 11. User starts check out process 12. System asks for payment info and shipping data 13. User confirms order and checks out 14. System processes order 15. System sends user receipt and tracking data | Trevor Paige |