A picture containing wooden, wood, green, sitting

Description automatically generated

L-Track

Company Name: JD Software

Submitted to: Gary Clark

Submitted by: Jareth Dodson

Date Created: 10/16/2020

Version 0.3

Email: [Jareth.dodson@oit.edu](mailto:Jareth.dodson@oit.edu)

# 1. Signatory Page

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Author: Jareth Dodson Date

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Reviewer: Calvin Caldwell Date

# 2. Revision History

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Author** | **Company** | **Version** | **Date** | **Filename** | **Comments** |
| Jareth Dodson | JD Software | V0.1 | 10/15//2020 | Use Case Model Tables.docx | Started Use case model Document |
| Jareth Dodson | JD Software | V0.2 | 11/7/2020 | COMPLETE Use Case Model.docx | Updated CRUD Matrix |
| Jareth Dodson | JD Software | V0.3 | 12/4/2020 | COMPLETE Use Case Model.docx | Add Sequence diagrams and Sequence scenarios |

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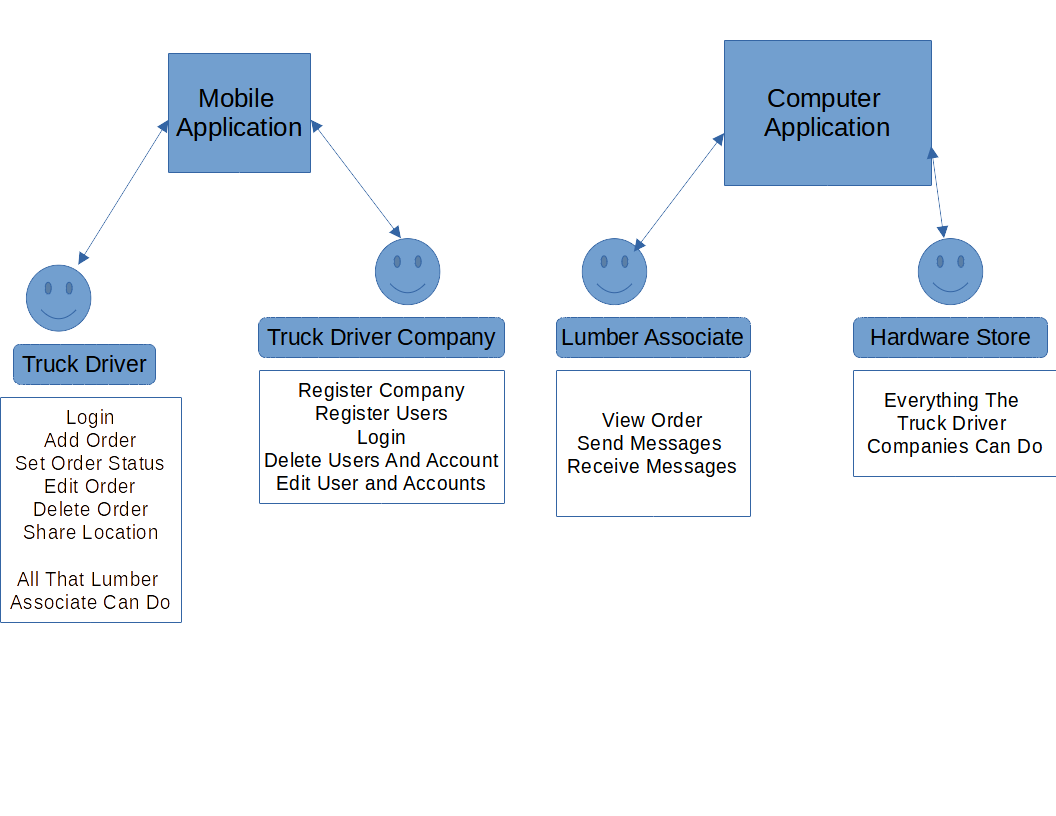
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# 4. Context Diagram



# 5. Use Case Model

|  |  |  |
| --- | --- | --- |
| Use Case ID | Use Case Name | Description |
| 100 | Add Order | Add a lumber order to applications order list |
| 105 | Delete Order | Deletes order from application order list |
| 110 | Edit Order | Edit lumber order |
| 115 | Set Order Status | Set the status of an order |
| 120 | Set Order Priority | Set Priority of order |
| 125 | Register Truck Driver | Register a truck driver to a lumber company |
| 130 | Register Company | Lumber company or Hardware store registers themselves |
| 135 | Share Location | Truck Driver shares location with lumber associate |
| 140 | Register Lumber Associate | Hardware store register lumber associate |
| 145 | Edit Employee | Truck Driver/Lumber Company and/or Lumber Associate/Hardware Store edits employee |
| 150 | Download Application | Truck Driver/Lumber Company and/or Lumber Associate/Hardware Store downloads Mobile App or Desktop application |
| 155 | Delete Employee | Truck Driver/Lumber Company and/or Lumber Associate/Hardware Store deletes employee |
| 160 | Send and Receive Message | Truck Driver and/or Truck Driver will send a message and the other party will receive it |
| 165 | See Order | Incoming order(s) will show the following information, Deliver Company, Delivery Driver Name, Order Desc, and ETA |
| 200 | Login | ADDS Use case for logging in on both the mobile and windows application |

# 6. Actor Catalog Table

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| Truck Driver | Person | Truck Driver for lumber company |
| Company | Person | Lumber Company that delivers lumber |
| Hardware Store | Person | Hardware store that truck driver delivers lumber too |
| Lumber Associate | Person | Hardware store lumber associate that interacts with the truck driver |

# 7. Features Verification Matric

|  |  |  |
| --- | --- | --- |
| Feature #’s | Use Case ID | Use Case Name |
| 1.5 | 100 | Add Order |
| 1.5 | 105 | Delete Order |
| 1.5 | 110 | Edit Order |
| 1.5, 1.7 | 115 | Set Order Status |
| 1.5, 1.8 | 120 | Set Priority of Order |
| 1.3, 1.4 | 125 | Register Truck Driver |
| 1.3, 2.2 | 130 | Register Company |
| 1.9 | 135 | Share Location |
| 2.2, 2.4 | 140 | Register Lumber Associate |
| 1.4, 2.3 | 145 | Edit Employee |
| 1.1, 2.1 | 150 | Download Mobile Or Desktop Application |
| 1.4, 2.3 | 155 | Delete Employee |
| 1.9, 2.7 | 160 | Send and Receive Message |
| 2.6 | 165 | See Order |
| 1.6, 1.2 ,2.5 | 200 | Login ADDS |

# 8. Use Cases

## 8.1 Add Order Use Case 100

|  |  |
| --- | --- |
| **General Information** | |
| Use Case Name\Number : UC 100 Add Order  Subject Area : Truck Driver Orders  Description : Truck Driver adds lumber order to device | Responsible Analyst : Jareth Dodson |

|  |  |
| --- | --- |
| Requirements/Feature Trace | |
| REQ# | **Requirements Name and / or Short Description** |
| 1.5 | Truck drivers will be able to add, edit, delete, set status and priority of orders |

|  |  |  |
| --- | --- | --- |
| Revision History | | |
| Author | Date | Comments |
| Jareth Dodson | 9/28/2020 | First Draft |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| Truck Driver | Person | Truck Driver for a lumber company |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Has Application download |
| 2 | Has an account with lumber company |

|  |
| --- |
| **Start Stimulus** |
| Truck Driver pressed add button |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Start login steps | Adds Login Steps UC 200 |  |
| 2 | Truck Driver presses add button |  |  |
| 3 | Application shows add order screen |  |  |
| 4 | Truck Drivers enters order information |  |  |
| 5 | Truck Driver confirms order |  |  |
| 6 | Order is added to order page |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Truck Drivers enter empty order | Application shows prompt that order must not be empty. Redisplays Order Screen |  |
|  |  |  |

|  |  |
| --- | --- |
| **Post-Conditions** | |
| **#** | **Description** |
| 1 | Order Added to Order Page |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Truck Driver | Can add, edit, delete, set status and priority of orders | Name, Address, phone number |
| Order | Holds order information | Name, Order Description, Location to, Location from |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | No Truck Drivers to test application | 9/28 | Jareth Dodson |  |  |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |
|  |  |  |

|  |
| --- |
| **Frequency of Execution** |
| **Frequency:**  Minimum: 1 Maximum: 10 Average: 5 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | Between | 2, 3 | Seconds | N/A | N/A | 1 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 4 | Kilobye |  |  | 1 |  |

Diagram

Description automatically generated

**Use Case 100 Add Order Scenario**

**User presses Add button**

**Application show order screen**

**User enters information for order**

User enters information for the order

**User Confirms Order**

User adds order

System Validates all fields are filled out

Order Class checks fields

**Order is added to order page**

System Adds Order

Database adds order to database

System add order to users list

## 8.2 Delete Order Use Case 105

|  |  |
| --- | --- |
| **General Information** | |
| Use Case Name\Number : UC 105 Delete Order  Subject Area : Truck Driver Orders  Description : Truck Driver deletes lumber order from device | Responsible Analyst : Jareth Dodson |

|  |  |
| --- | --- |
| **Requirements/Feature Trace** | |
| **REQ#** | **Requirements Name and / or Short Description** |
| 1.5 | Truck drivers will be able to add, edit, delete, set status and priority of orders |

|  |  |  |
| --- | --- | --- |
| **Revision History** | | |
| **Author** | **Date** | **Comments** |
| Jareth Dodson | 10/09/2020 | First Draft |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| Truck Driver | Person | Truck Driver for a lumber company |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Has Application downloaded |
| 2 | Has an account with lumber company |
| 3 | Must have an order |

|  |
| --- |
| **Start Stimulus** |
| Truck Driver pressed delete button |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Start login steps | Adds Login Steps UC 200 |  |
| 2 | Truck Driver presses delete button |  |  |
| 3 | Application shows delete confirmation alert |  |  |
| 4 | Truck Drivers presses confirm to delete order |  |  |
| 5 | Order is deleted from order page |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
|  |  |  |

|  |  |
| --- | --- |
| **Post-Conditions** | |
| **#** | **Description** |
| 1 | Order is Deleted from Order Page |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Truck Driver | Can add, edit, delete, set status and priority of orders | Name, Address, phone number |
| Order | Holds order information | Name, Order Description, Location to, Location from |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |
|  |  |  |

|  |
| --- |
| **Frequency of Execution** |
| **Frequency:**  Minimum: 1 Maximum: 10 Average: 5 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | Between | 2, 3 | Seconds | N/A | N/A | 1 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 5 | Kilobyte |  |  | 1 |  |

Diagram

Description automatically generated

**Use Case 105 Delete Order scenario**

**Truck Driver presses delete button**

Starts deletion process

**Application shows delete confirmation alert**

**Truck drivers presses confirm to delete order**

Order gets deleted from database

Order gets deleted from order list

**Order is deleted from order page**

## 8.3 Edit Order Use Case 110

|  |  |
| --- | --- |
| **General Information** | |
| Use Case Name\Number : UC 110 Edit Order  Subject Area : Truck Driver Orders  Description : Truck Driver edits lumber order on device | Responsible Analyst : Jareth Dodson |

|  |  |
| --- | --- |
| **Requirements/Feature Trace** | |
| **REQ#** | **Requirements Name and / or Short Description** |
| 1.5 | Truck drivers will be able to add, edit, delete, set status and priority of orders |

|  |  |  |
| --- | --- | --- |
| **Revision History** | | |
| **Author** | **Date** | **Comments** |
| Jareth Dodson | 10/09/2020 | First Draft |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| Truck Driver | Person | Truck Driver for a lumber company |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Has Application download |
| 2 | Has an account with lumber company |
| 3 | Has added an order |

|  |
| --- |
| **Start Stimulus** |
| Truck Driver pressed edit button |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Start login steps | Adds Login Steps UC 200 |  |
| 2 | Truck Driver pressed edit button |  |  |
| 3 | Application shows Edit Order Page |  |  |
| 4 | Truck Drivers Edits Order |  |  |
| 5 | Truck Drivers confirms Edits |  |  |
| 6 | Order is edited |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
|  |  |  |

|  |  |
| --- | --- |
| **Post-Conditions** | |
| **#** | **Description** |
| 1 | Order has been Edited |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Truck Driver | Can add, edit, delete, set status and priority of orders | Name, Address, phone number |
| Order | Holds order information | Name, Order Description, Location to, Location from |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |

|  |
| --- |
| **Frequency of Execution** |
| **Frequency:**  Minimum: 1 Maximum: 10 Average: 3 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | Between | 2, 3 | Seconds | N/A | N/A | 1 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | N/A |  |  |  |  |  |

Diagram

Description automatically generated

**Use Case 110 Edit Order scenario**

**User presses edit button**

User is ready to edit order

**Application shows edit order page**

**User edits order**

**User confirms edits**

System validates order

System checks fields of order

Order gets edited

Database order gets edited

Order list gets updated

**Order is edited**

## 8.4 Set Order Status Use Case 115

|  |  |
| --- | --- |
| **General Information** | |
| Use Case Name\Number : UC 115 Set Order Status  Subject Area : Truck Driver Orders  Description : Truck Drivers | Responsible Analyst : Jareth Dodson |

|  |  |
| --- | --- |
| **Requirements/Feature Trace** | |
| **REQ#** | **Requirements Name and / or Short Description** |
| 1.5 | Truck drivers will be able to add, edit, delete, set status and priority of orders |
| 1.7 | Truck drivers can set the status of the orders to the following status’ |

|  |  |  |
| --- | --- | --- |
| **Revision History** | | |
| **Author** | **Date** | **Comments** |
| Jareth Dodson | 10/11/2020 | First Draft |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| Truck Driver | Person | Truck Driver for a lumber company |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Has Application download |
| 2 | Has an account with lumber company |

|  |
| --- |
| **Start Stimulus** |
| Truck Drivers presses edit status button |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Start login steps | Adds Login Steps UC 200 |  |
| 2 | Truck Drivers presses edit status button |  |  |
| 3 | Application shows edit status screen |  |  |
| 4 | Truck Drivers Edits status of Order |  |  |
| 5 | Orders status is updated |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
|  |  |  |

|  |  |
| --- | --- |
| **Post-Conditions** | |
| **#** | **Description** |
| 1 | Orders status is updated |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Truck Driver | Can add, edit, delete, set status and priority of orders | Name, Address, phone number |
| Order | Holds order information | Name, Order Description, Location to, Location from |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |
|  |  |  |

|  |
| --- |
| **Frequency of Execution** |
| **Frequency:**  Minimum: 1 Maximum: 10 Average: 5 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | Between | 2, 3 | Seconds | N/A | N/A | 1 | Don’t want user to close application while updating |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | N/A |  |  |  |  |  |

Diagram, box and whisker chart

Description automatically generated

**Use Case 115 Set Order Status scenario**

**Truck Drivers presses edit status button**

**Application shows edit status screen**

**Truck drivers edits status of order**

System updates Database order

System updates order list

**Order status is updated**

## 8.5 Set Order Priority Use Case 120

|  |  |
| --- | --- |
| **General Information** | |
| Use Case Name\Number : UC 120 Set Order Priority  Subject Area : Truck Drivers Orders  Description : Truck Drivers sets priority of order | Responsible Analyst : Jareth Dodson |

|  |  |
| --- | --- |
| **Requirements/Feature Trace** | |
| **REQ#** | **Requirements Name and / or Short Description** |
| 1.8 | Truck Drivers must be able to set priority of order |

|  |  |  |
| --- | --- | --- |
| **Revision History** | | |
| **Author** | **Date** | **Comments** |
| Jareth Dodson | 10/12/2020 | First Draft |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| Truck Driver | Person | Truck Driver for a lumber company |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Has Application download |
| 2 | Has an account with lumber company |
| 3 | Has orders in order list |

|  |
| --- |
| **Start Stimulus** |
| Truck Driver pressed edit priority button |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Start login steps | Adds Login Steps UC 200 |  |
| 2 | Truck Driver presses edit priority button |  |  |
| 3 | Application shows list of priority status’ |  |  |
| 4 | Truck Drivers chooses priority status |  |  |
| 5 | Order gets moved in list depending on priority |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
|  |  |  |

|  |  |
| --- | --- |
| **Post-Conditions** | |
| **#** | **Description** |
| 1 | Order priority has been changed |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Truck Driver | Can add, edit, delete, set status and priority of orders | Name, Address, phone number |
| Order | Holds order information | Name, Order Description, Location to, Location from |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |
|  |  |  |

|  |
| --- |
| **Frequency of Execution** |
| **Frequency:**  Minimum: 1 Maximum: 10 Average: 5 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | At | 5 | Seconds | N/A | N/A | 1 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | N/A |  |  |  |  |  |

Diagram

Description automatically generated

**Use Case 120 Set Order Priority scenario**

**Truck Drivers presses edit priority button**

**Application shows list of priority status’**

**Truck drivers chooses priority status**

System updates Database order

System updates order list

**Order gets moved in list depending on priority**

## 

## 8.6 Register Truck Driver Use Case 125

|  |  |
| --- | --- |
| **General Information** | |
| Use Case Name\Number : UC 125 Register Truck Driver  Subject Area : Company Truck Drivers  Description : Company registers truck drivers | Responsible Analyst : Jareth Dodson |

|  |  |
| --- | --- |
| **Requirements/Feature Trace** | |
| **REQ#** | **Requirements Name and / or Short Description** |
| 1.3 | Lumber companies must be able to register and log in for companies and drivers |
| 1.4 | Companies must be able to add/edit/delete drivers and the company’s details (Name, address, phone number) |

|  |  |  |
| --- | --- | --- |
| **Revision History** | | |
| **Author** | **Date** | **Comments** |
| Jareth Dodson | 10/12/2020 | First Draft |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| Truck Driver Company | Person | Company that truck driver works for |
| Truck Driver | Person | Truck Driver for a lumber company |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Has Application downloaded |
| 2 | Has registered company in application |

|  |
| --- |
| **Start Stimulus** |
| Company presses Register truck driver button |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Start login steps | Adds Login Steps UC 200 |  |
| 2 | Company pressed Register button |  |  |
| 3 | Company enters Truck Driver information |  |  |
| 4 | Company Confirms Truck Driver |  |  |
| 5 | Truck Driver is added to list of Company Drivers |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Company Registers Empty Truck Driver | Pop-up message saying that all fields must include information |  |

|  |  |
| --- | --- |
| **Post-Conditions** | |
| **#** | **Description** |
| 1 | Truck Driver is added to company driver list |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Lumber Company | Lumber company that registers truck drivers | Name, Address, Phone Number, Number of truck drivers, List of truck drivers |
| Truck Driver | Truck driver for lumber company | Name, Address, phone number |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |
|  |  |  |

|  |
| --- |
| **Frequency of Execution** |
| **Frequency:**  Minimum: 1 Maximum: 5 Average: 2 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | Between | 4,5 | Secnds | N/A | N/A | 1 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | N/A |  |  |  |  |  |

Diagram

Description automatically generated

**Use Case 125 Register Truck Driver scenario**

**Company pressed Register button**

**Company enters truck driver information**

System prompts Username

System Checks Username

System prompts Password

System Checks Password

System Prompts for Password confirmation

**Company confirms truck driver**

System registers user to database

**Truck driver is added to list of company drivers**

## 8.7 Register Company(Lumber and Hardware) Use Case 130

|  |  |
| --- | --- |
| **General Information** | |
| Use Case Name\Number : UC 130 Register Company  Subject Area : Lumber Company or Hardware Store  Description : Lumber company or Hardware store registers themselves | Responsible Analyst : Jareth Dodson |

|  |  |
| --- | --- |
| **Requirements/Feature Trace** | |
| **REQ#** | **Requirements Name and / or Short Description** |
| 1.3 | Lumber companies must be able to register and log in for companies and drivers |
| 2.2 | Hardware store or companies will be able to register and login a company and employees |

|  |  |  |
| --- | --- | --- |
| **Revision History** | | |
| **Author** | **Date** | **Comments** |
| Jareth Dodson | 10/12/2020 | First Draft |
| Jareth Dodson | 10/14/2020 | Added Hardware store. Hardware store follows same registering process |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| Lumber Company | Person | Company that registers Truck Drivers |
| Hardware Store | Person | Hardware store that registers and handles lumber associates |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Must have application downloaded |

|  |
| --- |
| **Start Stimulus** |
| Company/Hardware Store presses register button on main page |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Company pressed register button |  |  |
| 2 | Company enters company information |  |  |
| 3 | Company Confirms information |  |  |
| 4 | Company is registered |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Empty Information fields | Pop-up that says one or more fields are empty |  |

|  |  |
| --- | --- |
| **Post-Conditions** | |
| **#** | **Description** |
| 1 | Company is now a registered user |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Lumber Company | Lumber company that registers and tracks Truck Drivers | Name, Phone number, Address, Number of Truck Drivers, List of truck drivers |
| Hardware Store | Hardware store that registers and maintains Lumber Associate | Name, Address, Phone, Number of associates, List of associates |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| Jareth Dodson | Lumber Company and Hardware Stores both follow the same path to register. Only difference is name of company and employees. | 10/14/2020 |
|  |  |  |

|  |
| --- |
| **Frequency of Execution** |
| **Frequency:**  Minimum: 1 Maximum: 30 Average: 10 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: Yearly |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | Between | 3 and 4 | Seconds |  |  | 1 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 2 | Kilobytes |  |  | 2 |  |

Diagram

Description automatically generated

**Use Case 130 Register Company scenario**

**Company pressed register button**

**Company enters company information**

System prompts Username

System Checks Username

System prompts Password

System Checks Password

System Prompts for Password confirmation

**Company confirms information**

System registers user to database

**Company is registered**

## 

## 8.8 Share Location Use Case 135

|  |  |
| --- | --- |
| **General Information** | |
| Use Case Name\Number : UC 135 Send/Receive Messages  Subject Area : Truck Driver Orders  Description : Truck Driver confirms order has been delivered | Responsible Analyst : Jareth Dodson |

|  |  |
| --- | --- |
| **Requirements/Feature Trace** | |
| **REQ#** | **Requirements Name and / or Short Description** |
| 1.9 | Truck drivers will be able to message and receive messages via in app messaging |

|  |  |  |
| --- | --- | --- |
| **Revision History** | | |
| **Author** | **Date** | **Comments** |
| Jareth Dodson | 10/14/2020 | First Draft |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| Truck Driver | Person | Truck Driver for a lumber company |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Has Application download |
| 2 | Has an account with lumber company |
| 3 | Has an order that has not been completed |

|  |
| --- |
| **Start Stimulus** |
| Truck Driver presses messaging button on order |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Start login steps | Adds Login Steps UC 200 |  |
| 2 | Truck driver chooses order to share location with |  |  |
| 3 | Truck Driver presses share location button |  |  |
| 4 | Location gets shared with lumber associate |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Tries to message confirmed order | Pop-up that says you cannot message any previous orders |  |

|  |  |
| --- | --- |
| **Post-Conditions** | |
| **#** | **Description** |
| 1 | Message has been sent to Hardware Store Lumber Associate |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Truck Driver | Can add, edit, delete, set status and priority of orders | Name, Address, phone number |
| Order | Holds order information | Name, Order Description, Location to, Location from |
| Message | Hold information of message including the message itself | Message |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |
|  |  |  |

|  |
| --- |
| **Frequency of Execution** |
| **Frequency:**  Minimum: 0 Maximum: 40 Average: 10 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | Between | 4 and 5 | Seconds |  |  | 3 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 4 | Kilobyte |  |  | 2 |  |

Diagram

Description automatically generated

**Use Case 135 Share Location scenario**

**Truck driver chooses order to share location with**

**Truck Driver presses share location button**

System retrieves last known location

System shares location with lumber associate

**Location gets shared with lumber associate**

## 8.9 Register Lumber Associate Use Case 140

|  |  |
| --- | --- |
| **General Information** | |
| Use Case Name\Number : UC 140 Register Lumber Associate  Subject Area : Hardware Store Lumber Associate  Description : Hardware Store register a lumber Associate | Responsible Analyst : |

|  |  |
| --- | --- |
| **Requirements/Feature Trace** | |
| **REQ#** | **Requirements Name and / or Short Description** |
| 2.2 | Hardware store or companies will be able to register and login a company and employees |
| 2.3 | Users will be able to add, edit and delete employees |

|  |  |  |
| --- | --- | --- |
| **Revision History** | | |
| **Author** | **Date** | **Comments** |
| Jareth Dodson | 10/14/2020 | First Draft |
| Jareth Dodson | 10/15/2020 | Added second requirement that UC meets |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| Hardware Store | Person | Hardware store that registers and handles lumber associates |
| Lumber Associate | Person | Lumber Associates that work in the lumber yard and work with the truck drivers |
|  |  |  |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Has Application downloaded |
| 2 | Has register company/Hardware store |

|  |
| --- |
| **Start Stimulus** |
| Hardware Store presses register Lumber associate button |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Start login steps | Adds Login Steps UC 200 |  |
| 2 | Hardware store presses register button |  |  |
| 3 | Hardware store enter Lumber associate information |  |  |
| 4 | Hardware store confirms Lumber Associate |  |  |
| 5 | Lumber Associate is added to list of Hardware store associates |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Hardware Store Registers Empty Lumber Associate | Pop-up message saying that all fields must include information |  |

|  |  |
| --- | --- |
| **Post-Conditions** | |
| **#** | **Description** |
| 1 | Lumber Associate is added to Hardware store associate list |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Hardware Store | Hardware store that registers and maintains Lumber Associate | Name, Address, Phone, Number of associates, List of associates |
| Lumber Associate | Lumber associate for Hardware Store | Name, Address, phone number |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |
|  |  |  |

|  |
| --- |
| **Frequency of Execution** |
| **Frequency:**  Minimum: 1 Maximum: 25 Average: 5 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: Year |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | Between | 4 and 5 | Seconds |  |  | 1 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 3 | Kilobytes |  |  | 1 |  |

Diagram

Description automatically generated

**Use Case 140 Register Lumber Associate scenario**

**Hardware Store pressed register button**

**Hardware Store enters company information**

System prompts Username

System Checks Username

System prompts Password

System Checks Password

System Prompts for Password confirmation

**Hardware Store confirms information**

System registers user to database

System registers user to hardware store list

**Lumber Associate is registered**

## 8.10 Edit Employee Use Case 145

|  |  |
| --- | --- |
| **General Information** | |
| Use Case Name\Number : UC Edit Employee  Subject Area : Hardware Store and/or Lumber Company Employees  Description : Hardware store or Lumber Company edits employee | Responsible Analyst : Jareth Dodson |

|  |  |
| --- | --- |
| **Requirements/Feature Trace** | |
| **REQ#** | **Requirements Name and / or Short Description** |
| 2.3 | Users will be able to add, edit, and delete employees |
| 1.4 | Companies must be able to add/edit/delete drivers and the company’s details (Name, address, phone number) |

|  |  |  |
| --- | --- | --- |
| **Revision History** | | |
| **Author** | **Date** | **Comments** |
| Jareth Dodson | 10/15/2020 | First Draft |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| Hardware Store | Person | Hardware store that registers and handles lumber associates |
| Lumber Associate | Person | Lumber Associates that work in the lumber yard and work with the truck drivers |
| Truck Driver Company | Person | Company that truck driver works for |
| Truck Driver | Person | Truck Driver for a lumber company |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Has an employee in employee list |

|  |
| --- |
| **Start Stimulus** |
| Pressed Edit button |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Start login steps | Adds Login Steps UC 200 |  |
| 2 | Company presses edit in employee list |  |  |
| 3 | Company Edits employee |  |  |
| 4 | Company confirms edits |  |  |
| 5 | Employee information has been edited |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
|  |  |  |

|  |  |
| --- | --- |
| **Post-Conditions** | |
| **#** | **Description** |
| 1 | Employee information will be edited |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Hardware Store | Hardware store that registers and maintains Lumber Associate | Name, Address, Phone, Number of associates, List of associates |
| Lumber Associate | Lumber associate for Hardware Store | Name, Address, phone number |
| Lumber Company | Lumber company that registers truck drivers | Name, Address, Phone Number, Number of truck drivers, List of truck drivers |
| Truck Driver | Truck driver for lumber company | Name, Address, phone number |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |
|  |  |  |

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| --- |
| **Frequency of Execution** |
| **Frequency:**  Minimum: 1 Maximum: 20 Average: 5 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: Year |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | Between | 4 and 5 | Seconds |  |  | 1 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 3 | Kilobyte |  |  | 1 |  |

Diagram

Description automatically generated

**Use Case 145 Edit Employee scenario**

**Company presses edit in employee list**

**Company edits employee**

**Company confirms edits**

System Validates fields

System edits user in database

**Employee information has been edited**

## 8.11 Download Mobile or Desktop Application Use Case 150

|  |  |
| --- | --- |
| **General Information** | |
| Use Case Name\Number : UC 150 Download Mobile/Desktop Application  Subject Area : Mobile/Desktop Application  Description : Truck Driver/Lumber Company and/or Lumber Associate/Hardware Store downloads Mobile App or Desktop application | Responsible Analyst : Jareth Dodson |

|  |  |
| --- | --- |
| **Requirements/Feature Trace** | |
| **REQ#** | **Requirements Name and / or Short Description** |
| 1.1 | Truck drivers will be able to download the mobile application through a website download link |
| 2.1 | Employees will be able to download the desktop application through a website |

|  |  |  |
| --- | --- | --- |
| **Revision History** | | |
| **Author** | **Date** | **Comments** |
| Jareth Dodson | 10/14/2020 | First Draft |
| Jareth Dodson | 10/15/2020 | Made use case more general for both lumber company and hardware stores and their employees |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| Lumber Company | Person | Company that registers Truck Drivers |
| Hardware Store | Person | Hardware store that registers and handles lumber associates |
| Truck Driver | Person | Truck Driver for a lumber company |
| Lumber Associate | Person | Lumber Associates that work in the lumber yard and work with the truck drivers |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Must have an internet connection |

|  |
| --- |
| **Start Stimulus** |
| Opens download website |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Opens Website for download |  |  |
| 2 | Downloads application |  |  |
| 3 | Opens Application |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| No internet Connection | Pop-up saying must be connected to internet |  |

|  |  |
| --- | --- |
| **Post-Conditions** | |
| **#** | **Description** |
| 1 | Has Application downloaded on device |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Truck Driver | Can login into the app | Name, Address, phone number |
| Lumber Associate | Can login into the app | Name, Building location |
| Lumber Company | Lumber company that registers and tracks Truck Drivers | Name, Phone number, Address, Number of Truck Drivers, List of truck drivers |
| Hardware Store | Hardware store that registers and maintains Lumber Associate | Name, Address, Phone, Number of associates, List of associates |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |
|  |  |  |

|  |
| --- |
| **Frequency of Execution** |
| **Frequency:**  Minimum: 2 Maximum: 50 Average: 30 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: Year |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | N/A |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 2 | Megabyte |  |  | 500 | Don’t want file size to be to large |
|  |  |  |  |  |  |  |

Diagram

Description automatically generated

**Use Case 150 Download Application scenario**

**Opens website for download**

**Downloads application**

System downloads application to device(computer or phone)

**Opens Application**

System opens and runs application

## 8.12 Delete Employee Use Case 155

|  |  |
| --- | --- |
| **General Information** | |
| Use Case Name\Number : UC 155 Delete Employee  Subject Area : Hardware Store and/or Lumber Company Employees  Description : Hardware store or Lumber Company deletes employee | Responsible Analyst : Jareth Dodson |

|  |  |
| --- | --- |
| **Requirements/Feature Trace** | |
| **REQ#** | **Requirements Name and / or Short Description** |
| 2.3 | Users will be able to add, edit, and delete employees |
| 1.4 | Companies must be able to add/edit/delete drivers and the company’s details (Name, address, phone number) |

|  |  |  |
| --- | --- | --- |
| **Revision History** | | |
| **Author** | **Date** | **Comments** |
| Jareth Dodson | 10/15/2020 | First Draft |

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| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| Hardware Store | Person | Hardware store that registers and handles lumber associates |
| Lumber Associate | Person | Lumber Associates that work in the lumber yard and work with the truck drivers |
| Truck Driver Company | Person | Company that truck driver works for |
| Truck Driver | Person | Truck Driver for a lumber company |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Has an employee in the employee list |

|  |
| --- |
| **Start Stimulus** |
| Presses Delete Button |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Start login steps | Adds Login Steps UC 200 |  |
| 2 | Company presses Delete Employee |  |  |
| 3 | Application shows confirmation page for deletion of employee |  |  |
| 4 | Company confirms |  |  |
| 5 | Employee has been deleted |  |  |

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| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| N/A |  |  |

|  |  |
| --- | --- |
| **Post-Conditions** | |
| **#** | **Description** |
| 1 | Company has 1 less employee off employee list |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Hardware Store | Hardware store that registers and maintains Lumber Associate | Name, Address, Phone, Number of associates, List of associates |
| Lumber Associate | Lumber associate for Hardware Store | Name, Address, phone number |
| Lumber Company | Lumber company that registers truck drivers | Name, Address, Phone Number, Number of truck drivers, List of truck drivers |
| Truck Driver | Truck driver for lumber company | Name, Address, phone number |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |
|  |  |  |

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| --- |
| **Frequency of Execution** |
| **Frequency:**  Minimum: 1 Maximum: 20 Average: 5 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: Year |

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| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | Between | 4 and 5 | Seconds |  |  | 1 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 5 | Kilobyte |  |  | 1 |  |

Chart, box and whisker chart

Description automatically generated

**Use Case 155 Delete Employee scenario**

**Company presses delete employee**

**Application shows confirmation page for deletion of employee**

System shows confirmation of employee along with details for deletion

**Company confirms deletion**

System deletes user from database

**Employee has been deleted**

## 8.13 Send and Receive Message Use Case 160

|  |  |
| --- | --- |
| **General Information** | |
| Use Case Name\Number :UC 160 Send and Receive Message  Subject Area : Messaging and Receiving  Description : A Lumber associate or truck driver sends or receives a message | Responsible Analyst : Jareth Dodson |

|  |  |
| --- | --- |
| **Requirements/Feature Trace** | |
| **REQ#** | **Requirements Name and / or Short Description** |
| 1.9 | Truck drivers will be able to message and receive messages via in app messaging |
| 2.7 | Employees must be able to send and receive messages to and from the delivery drivers |

|  |  |  |
| --- | --- | --- |
| **Revision History** | | |
| **Author** | **Date** | **Comments** |
| Jareth Dodson | 10/15/2020 | First Draft |

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| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
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| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| Truck Driver | Person | Truck Driver for a lumber company |
| Lumber Associate | Person | Lumber Associates that work in the lumber yard and work with the truck drivers |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
|  | Must have an existing order |

|  |
| --- |
| **Start Stimulus** |
| Opens the in app messenger |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Start login steps | Adds Login Steps UC 200 |  |
| 2 | Opens Messenger |  |  |
| 3 | Types Message |  |  |
| 4 | Sends Message |  |  |
| 5 | Message has been sent |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
|  |  |  |

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| --- | --- |
| **Post-Conditions** | |
| **#** | **Description** |
| 1 | Message will be sent |
| 2 | Truck Driver or Lumber Associate will receive a message |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Truck Driver | Truck driver for lumber company | Name, Address, phone number |
| Lumber Associate | Lumber associate for Hardware Store | Name, Address, phone number |

|  |  |  |  |  |  |
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| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |

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| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |

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| --- |
| **Frequency of Execution** |
| **Frequency:**  Minimum: 1 Maximum: 250 Average: 100 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

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| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | Between | 4 and 5 | Seconds |  |  | 3 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 4 | Kilobyte |  |  | 10 | Don’t want messages to take to long to send |

Diagram

Description automatically generated

**Use Case 160 Send and Receive Message scenario**

**Opens messenger**

System connects to server for messaging

Receiver gets port and connects to server

**Types message**

System prompts for message

**Sends message**

System sends message to receiver

**Message has been sent**

Receiver receives message

## 8.14 See Order Use Case 165

|  |  |
| --- | --- |
| **General Information** | |
| Use Case Name\Number : UC 165 See Order  Subject Area : Lumber Associate Orders  Description : Lumber Associate looks at order | Responsible Analyst : Jareth Dodson |

|  |  |
| --- | --- |
| Requirements/Feature Trace | |
| REQ# | **Requirements Name and / or Short Description** |
| 2.6 | Incoming order(s) will show the following information: Delivery Company, Driver, Order Desc, and ETA |

|  |  |  |
| --- | --- | --- |
| Revision History | | |
| Author | Date | Comments |
| Jareth Dodson | 10/16/2020 | First Draft |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| Lumber Associate | Person | Lumber Associate for hardware store |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Has Application download |
| 2 | Has an account with lumber company |

|  |
| --- |
| **Start Stimulus** |
| Truck Driver pressed add button |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Start login steps | Adds Login Steps UC 200 |  |
| 2 | Lumber Associate Presses Order |  |  |
| 3 | Order Screen pops up and show order information |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| N/A |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **Post-Conditions** | |
| **#** | **Description** |
| 1 | Order Added to Order Page |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Lumber Associate | Can view orders | Name, Hardware Store, Phone |
| Order | Holds order information | Name, Order Description, Location to, Location from |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |
|  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
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| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |
|  |  |  |

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| --- |
| **Frequency of Execution** |
| **Frequency:**  Minimum: 1 Maximum: 10 Average: 5 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | Between | 2, 3 | Seconds | N/A | N/A | 1 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | N/A |  |  |  |  |  |

Diagram, box and whisker chart

Description automatically generated

**Use Case 165 See Order scenario**

**Lumber associate presses order**

**Order screen pops up and shows order information**

System shows order information to user

## 8.15 Login ADDS Use Case 200

|  |  |
| --- | --- |
| **General Information** | |
| Use Case Name\Number : UC 200 Login Steps  Subject Area : Login to Mobile Application and Windows Application  Description : Captures the first set of steps for logging into the mobile and windows application | Responsible Analyst : Jareth Dodson |

|  |  |
| --- | --- |
| **Requirements/Feature Trace** | |
| **REQ#** | **Requirements Name and / or Short Description** |
| 1.6 | All current orders will be shown on the main page after logging in |
| 2.5 | Employees must be able to see incoming order for that day |
| 1.2 | The login and register screen will be the first screen the truck driver sees for the first time |

|  |  |  |
| --- | --- | --- |
| **Revision History** | | |
| **Author** | **Date** | **Comments** |
| Jareth Dodson | 10/5/2020 | First Draft |
| Jareth Dodson | 10/14/2020 | Added windows application and lumber associate to make form more universal |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases (Adds Only)** | | |
| **Use Case Name** | **Use Case Number** | **Step Inserted After** |
| Add Order | 100 | First Step of Use Case |
| Delete Order | 105 | First Step of Use Case |
| Edit Order | 110 | First Step of Use Case |
| Set Order Status | 115 | First Step of Use Case |
| Set Priority of Order | 120 | First Step of Use Case |
| Register Truck Driver | 125 | First Step of Use Case |
| Share Location | 135 | First Step of Use Case |
| Register Lumber Associate | 140 | First Step of Use Case |
| Edit Employee | 145 | First Step of Use Case |
| Delete Employee | 155 | First Step of Use Case |
| Send and Receive Message | 160 | First Step of Use Case |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| Trucker Driver | Person | Truck Driver for a lumber company |
| Lumber Associate | Person | Employee for Hardware Store |
| Lumber Company | Person | Company that registers truck drivers |
| Hardware Store | Person | Hardware store that lumber gets delivered to and registers lumber associates |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | Has an account |

|  |
| --- |
| **Start Stimulus** |
| Open mobile application |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | Application prompts for login |  |  |
| 2 | Truck Driver or Lumber Associate enters username and password |  | 1 |
| 3 | Application display order page |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| Invalid Username or Password | Application display error saying the username or password |  |

|  |  |
| --- | --- |
| **Post-Conditions** | |
| **#** | **Description** |
| 1 | Truck Driver or Lumber Associate is logged in |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Truck Driver | Can login into the app | Name, Address, phone number |
| Lumber Associate | Can login into the app | Name, Building location |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | N/A |  |  |  |  |
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| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| N/A |  |  |  |  |  |
|  |  |  |  |  |  |

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| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |
|  |  |  |

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| --- |
| **Frequency of Execution** |
| **Frequency:**  Minimum: 1 Maximum: 5 Average: 1 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | Between | Step 1 and 2 | Seconds | N/A | N/A | 2 | Don’t want truck driver or lumber associate to have the app slow their work down |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 2 | Bytes | 10 |  | 56 | Password can’t be too long or too short. |

Diagram

Description automatically generated

**Use Case 200 Login ADDS scenario**

**Application prompts for login**

System prompts for username

User enters username

System prompts for Password

User enters password

System verifies password

System prompts for account type

User chooses account type

**Truck driver or lumber associate enters username and password**

System checks database for user

System logs user in

**Application displays order page**

# 9. CRUD Matrix

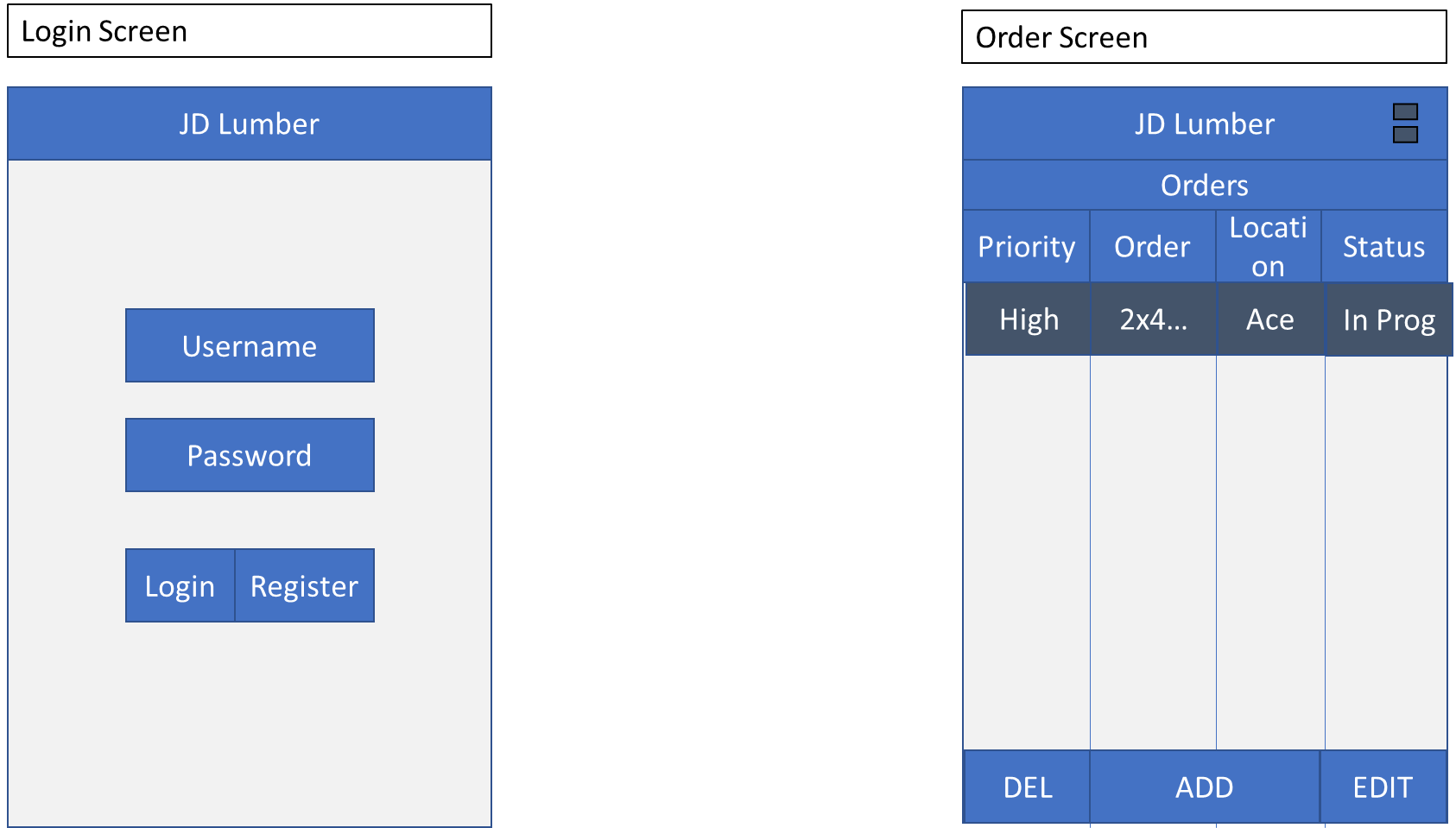
|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |

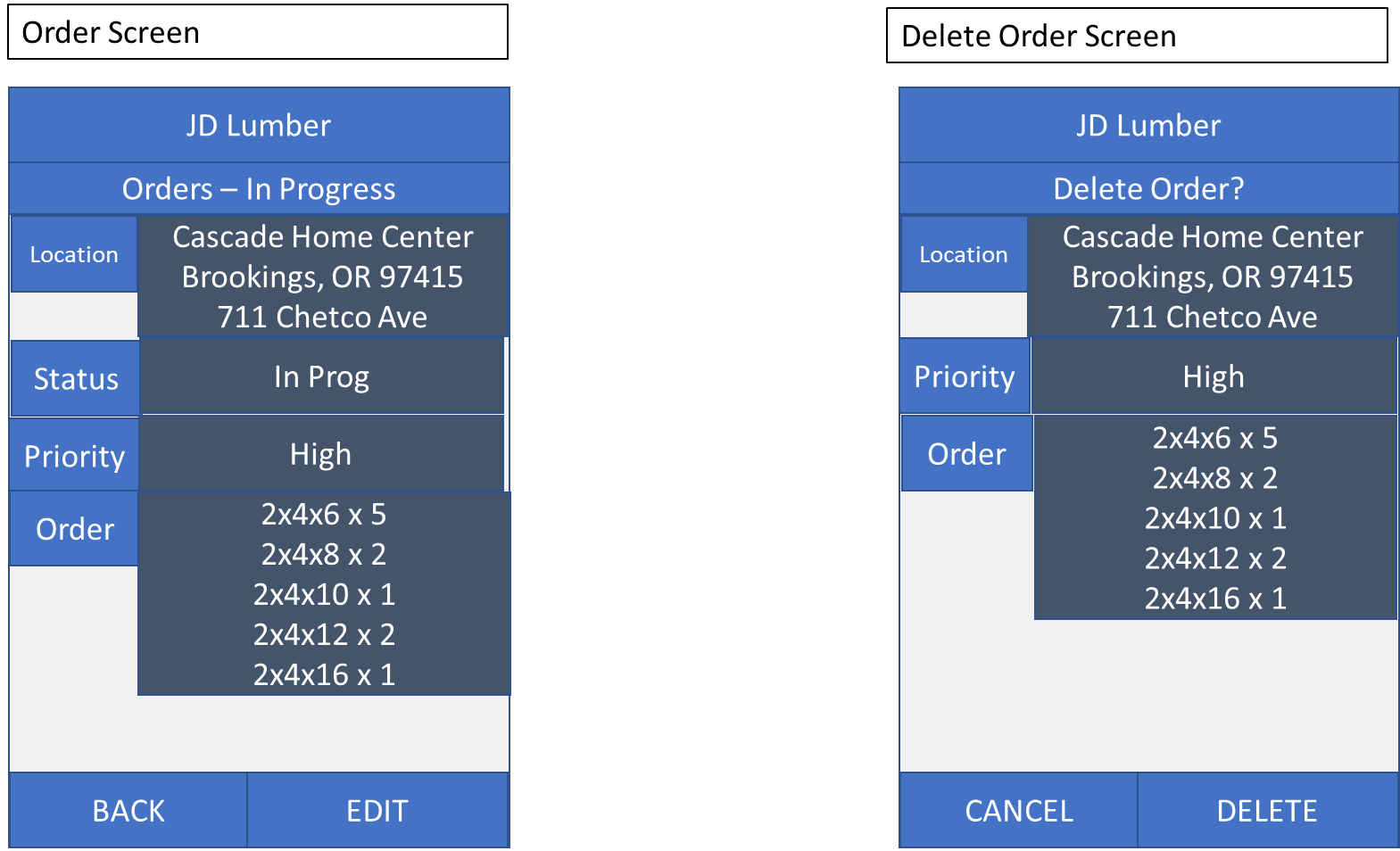
|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Use Case ID | Use Case Name | Company | Employee | Lumber Associate | Truck Driver | Hardware Store | Lumber Company |
| 100 | Add Order |  | C | C | C |  |  |
| 105 | Delete Order |  | D | D | D |  |  |
| 110 | Edit Order |  | U | U | U |  |  |
| 115 | Set Order Status |  | RU | RU | RU |  |  |
| 120 | Set Order Priority |  | RU | RU | RU |  |  |
| 125 | Register Truck Driver | C |  |  |  |  | C |
| 130 | Register Company | C |  |  |  | C | C |
| 135 | Share Location |  |  |  | RU |  |  |
| 140 | Register Lumber Associate | C |  |  |  | C |  |
| 145 | Edit Employee | RU |  |  |  | RU | RU |
| 150 | Download Application | C | C | C | C | C | C |
| 155 | Delete Employee | D |  |  |  | D | D |
| 160 | Send and Receive Message |  | CRU | CRU | CRU |  |  |
| 165 | See Order |  | RU | RU | RU |  |  |
| 200 | Login ADDS | R | R | R | R | R | R |

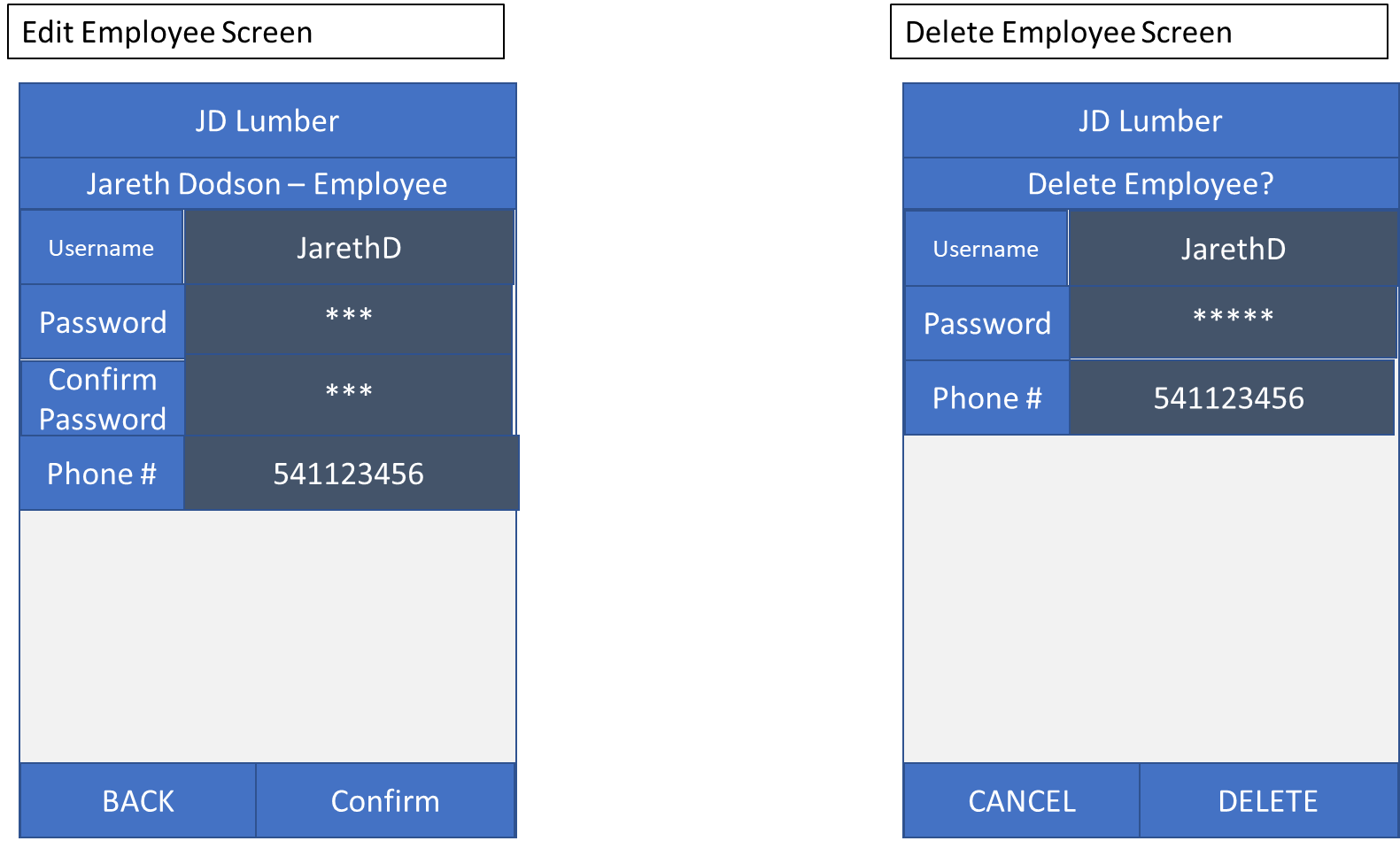
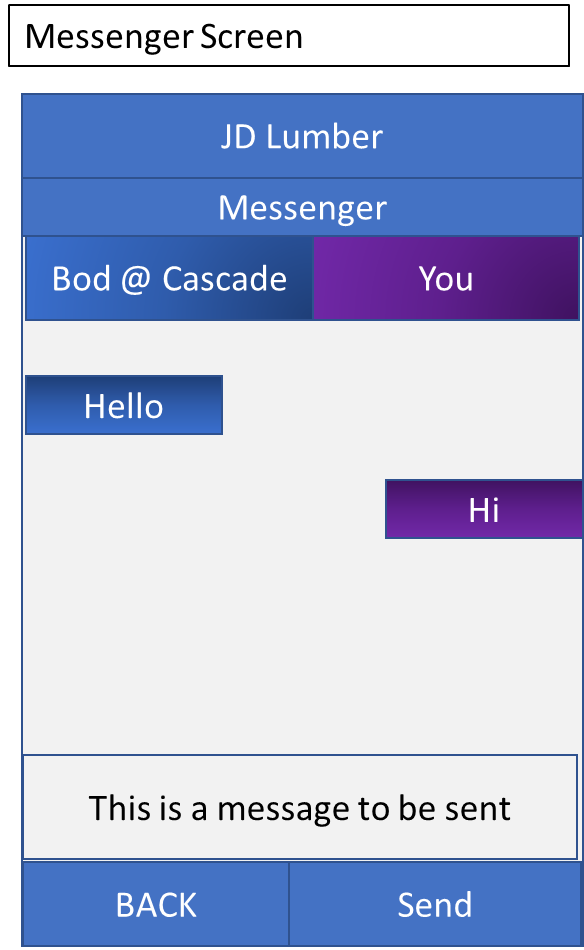
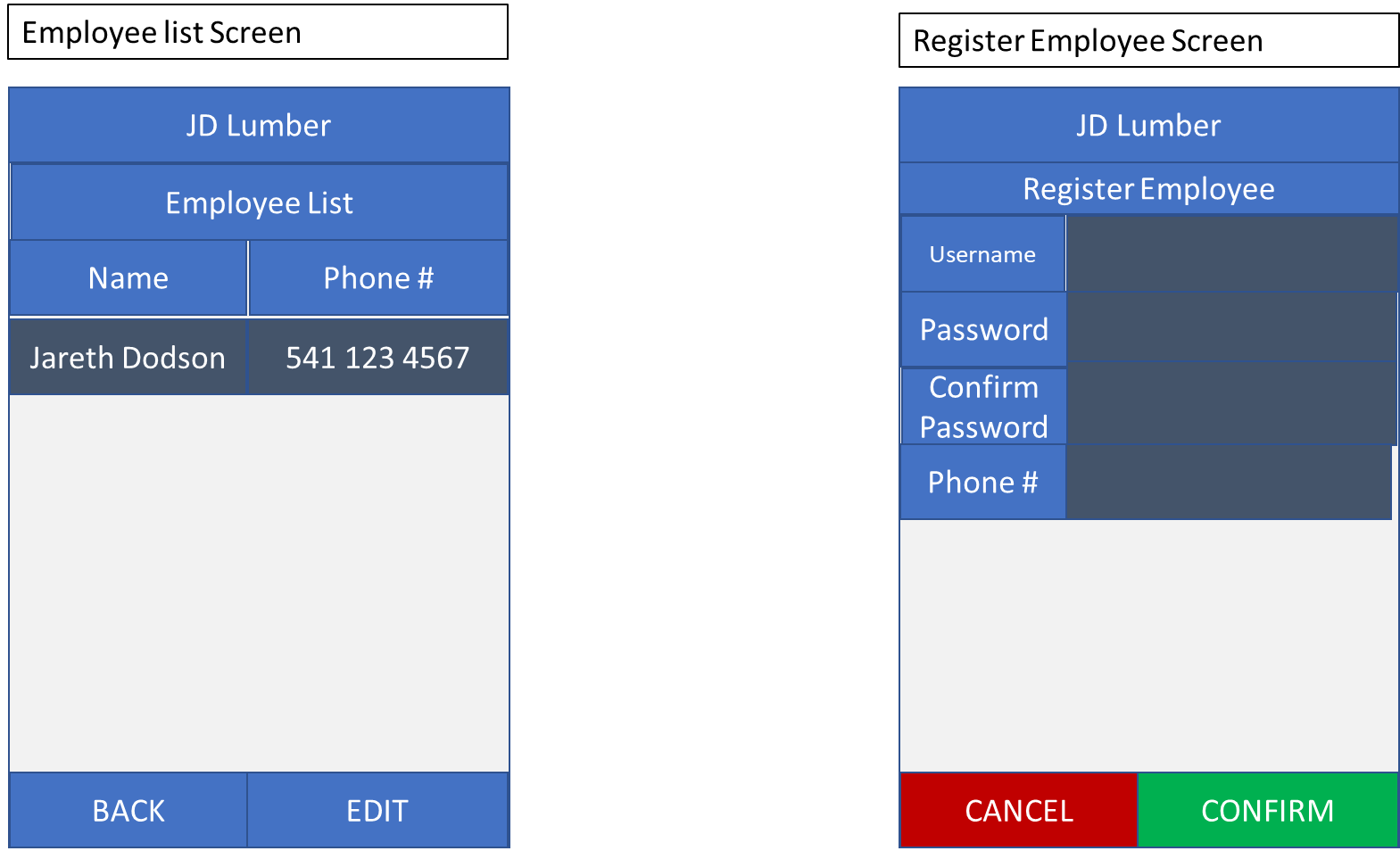
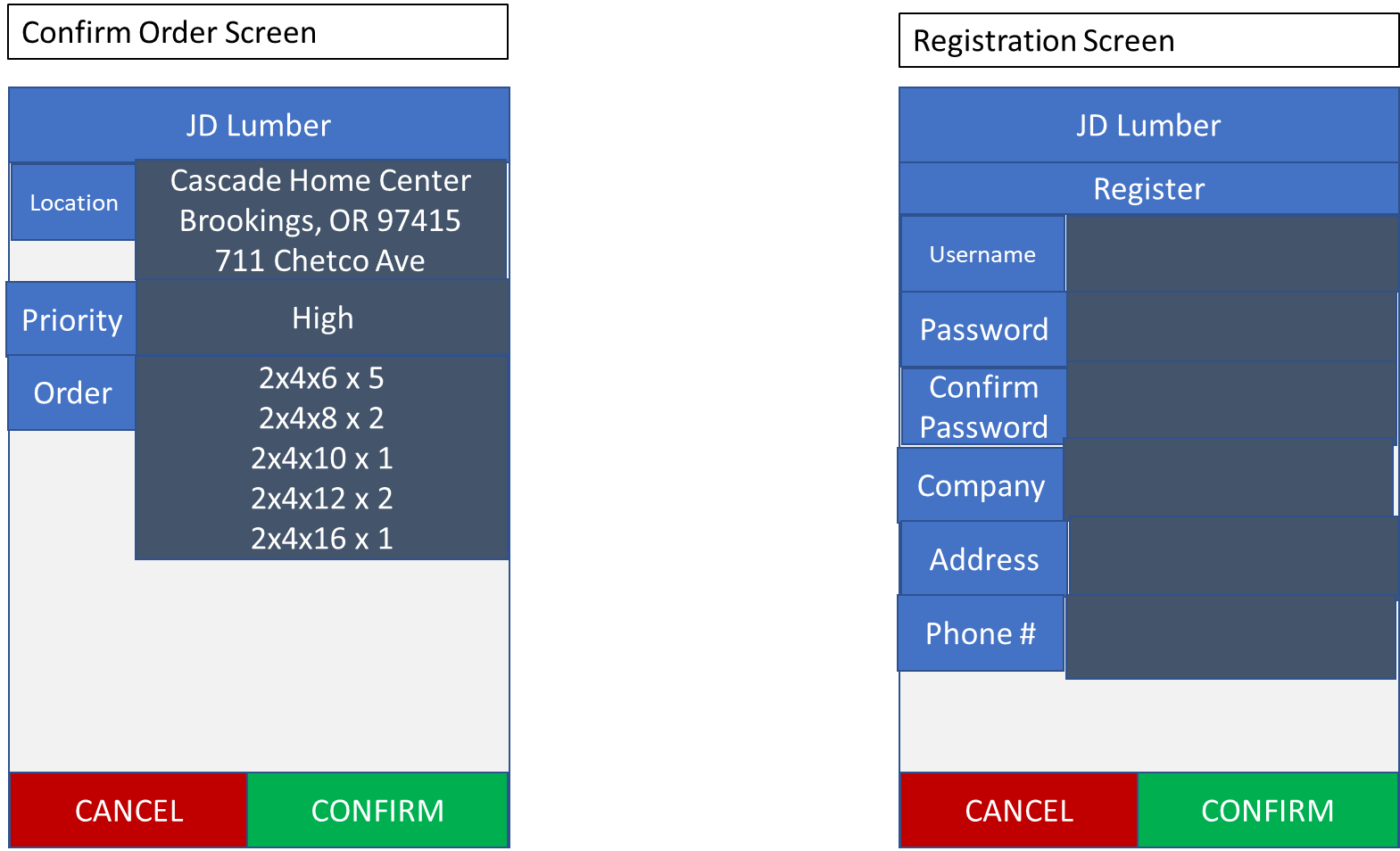
|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |

# 10. Low Fidelity UI

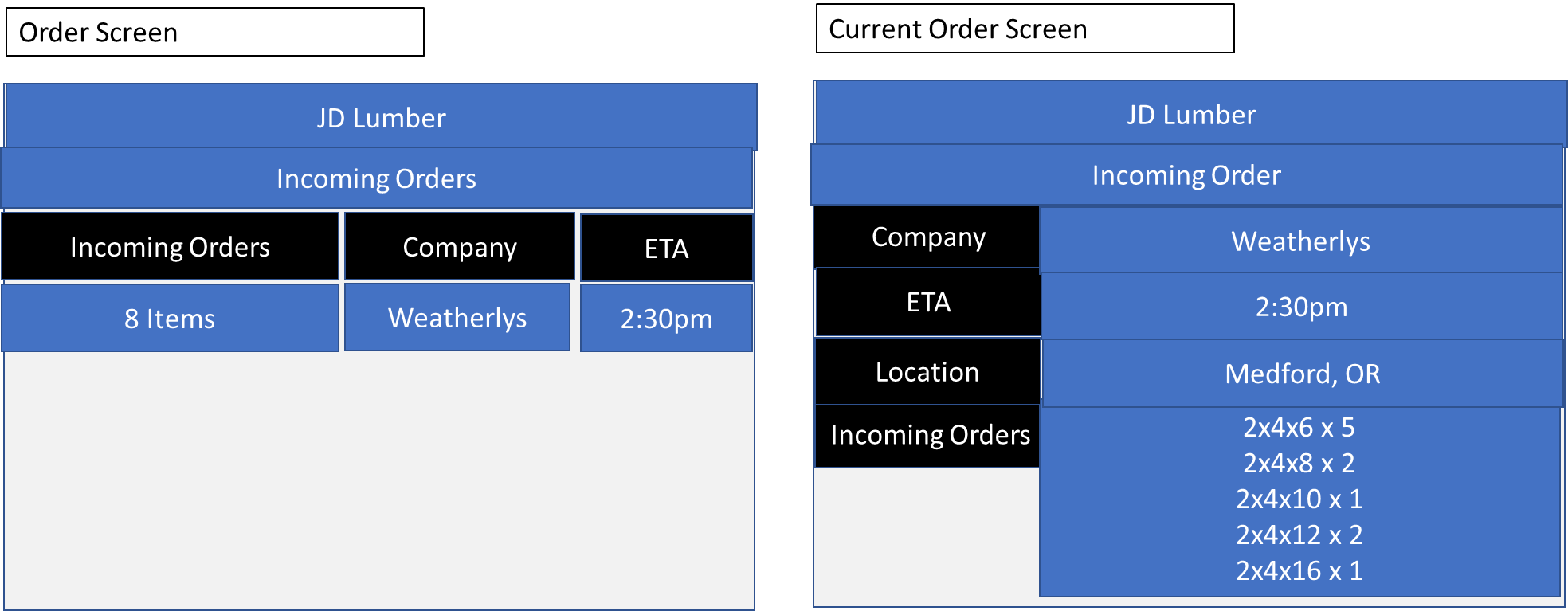
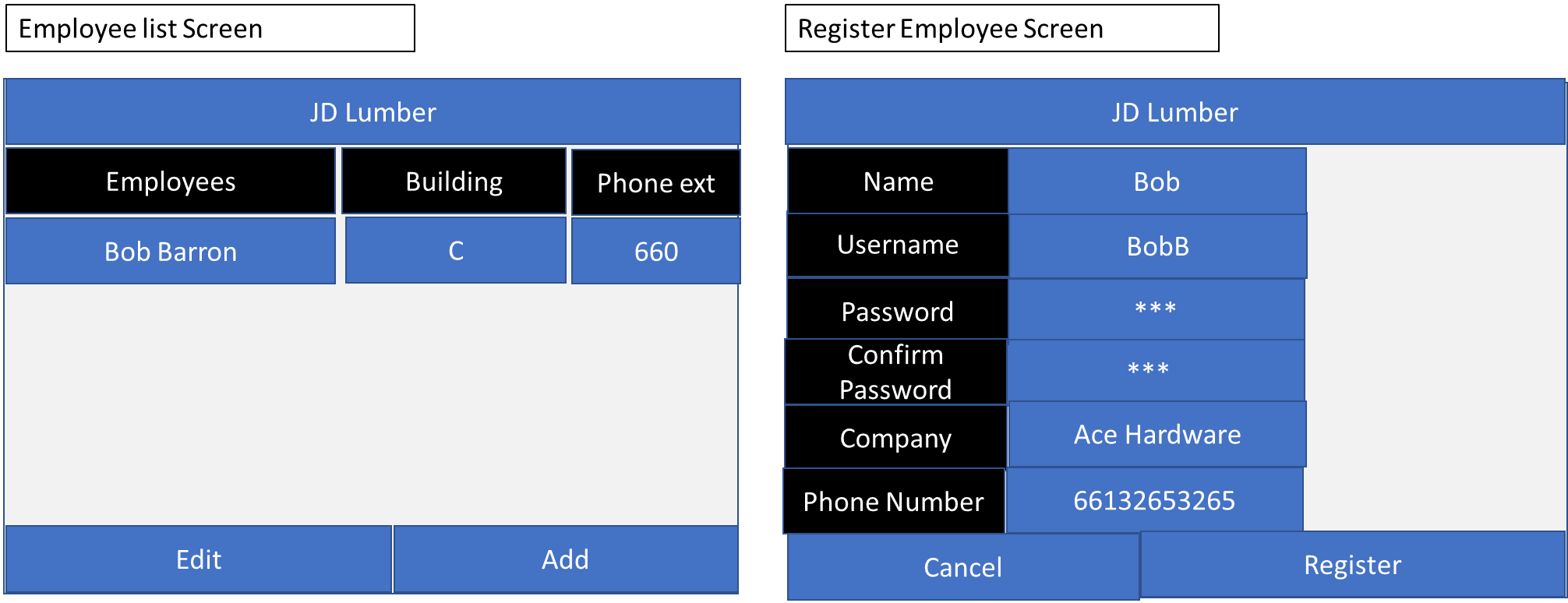
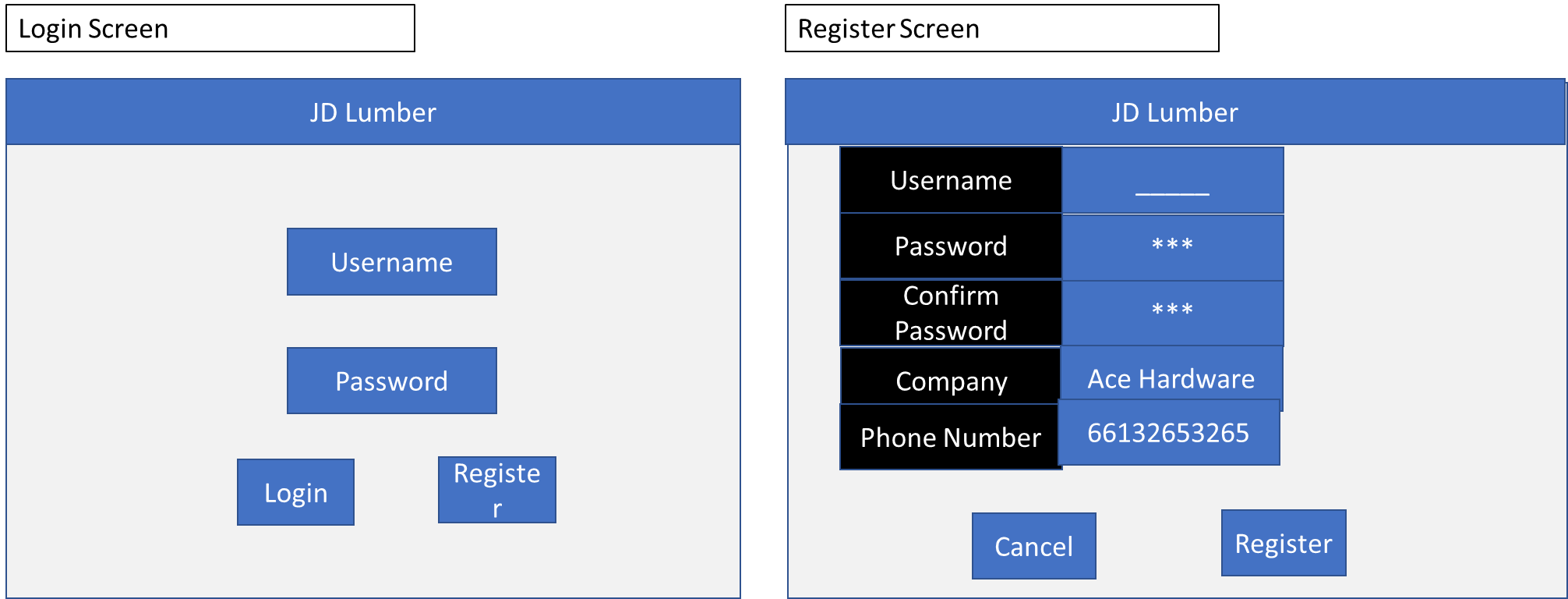
## 10.1 Mobile UI

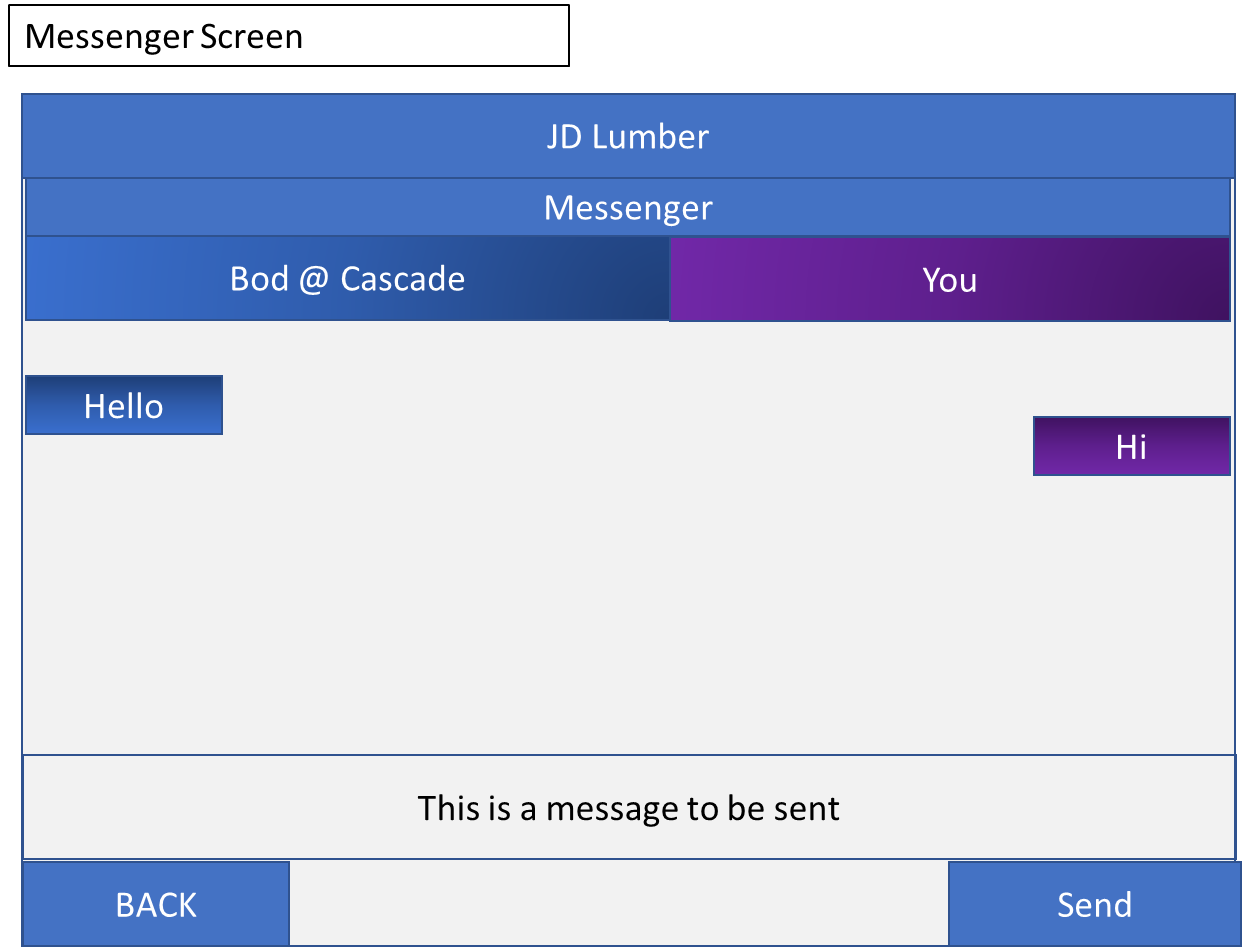






## 10.2 Desktop UI





# 11. Appendix A

Business Rule 1 – Password Encryption