**CMIS-4900-400**

**Fall 2025**

**Team 2 Project User Stories**

1. As a manager, I want to search by part number so that I can view received & due dates.

**Acceptance Criteria:**

When a manager is using the user interface, when they select part number as a search type from a drop-down menu and enter a part number into the search bar, they should see a list of those part numbers with corresponding received & due dates.

1. As a manager, I want to search by part number so that I can view its quantity.

**Acceptance Criteria:**

When a manager is using the user interface, when they select part number as a search type from a drop-down menu and enter a part number into the search bar, they should see a list of those part numbers with corresponding quantities.

1. As a manager, I want to search by part number so that I can view the corresponding customer.

**Acceptance Criteria:**

When a manager is using the user interface, when they select part number as a search type from a drop-down menu and enter a part number into the search bar, they should see a list of those part numbers corresponding to their customer.

1. As a manager, I want to search by part number so that I can view its purchase order number.

**Acceptance Criteria:**

When a manager is using the user interface, when they select part number as a search type from a drop-down menu and enter a part number into the search bar, they should see a list of those part numbers corresponding to their purchase order.

1. As a manager, I want to search by part number so that I can view the operator that worked on it.

**Acceptance Criteria:**

When a manager is using the user interface, when they select part number as a search type from a drop-down menu and enter a part number into the search bar, they should see a list of those part numbers corresponding to the operator that produced them.

1. As a manager, I want to search by a range of dates to see part numbers produced during that period.

**Acceptance Criteria:**

When a manager is using the user interface, when they select date range as a search type from a drop-down menu and enter a date range into the search bar, they should see a list of those part numbers whose due dates fall within the date range entered in the search bar.

1. As a manager, I want to search by an operator, to see all the part numbers produced by that specific operator.

**Acceptance Criteria:**

When a manager is using the user interface, when they select operator as a search type from a drop-down menu and enter an operator’s name into the search bar, they should see a list of those part numbers corresponding to the operator that produced them.

1. As a manager, I want to search by department, to see all the part numbers produced by that specific department.

**Acceptance Criteria:**

When a manager is using the user interface, when they select a department as a search type from a drop-down menu and press the search button next to the search bar without entering any text, they should see a list of those part numbers corresponding to the department that produced them.

1. As a manager of the fabrication or machine shop department, I want to add records of parts my department will produce as I receive work orders from the front office.

**Acceptance Criteria:**

When a manager of the fabrication or machine shop department is using the interface, the interface should include the functionality to add records of newly received work orders from the front office, with input fields to type in the customer, part number, date received, date due, quantity, purchase order number, operation type, and operator name.

1. As a manager of the fabrication or machine shop department, I want to be able to update records I have added if information must be changed or due to an data entry error.

**Acceptance Criteria:**

When a manager of the fabrication or machine shop department is using the interface, the interface should include the functionality to update records that have previously been added, so that the manager may update attributes due to changed work order data, or data entry error.

1. As a manager of the fabrication or machine shop department, I want to be able to delete records I have added due to data entry errors.

**Acceptance Criteria:**

When a manager of the fabrication or machine shop department is using the interface, the interface should include the functionality to delete records that have been previously added, so that the manager may delete incorrect records due to a data entry error.

1. As a manager, whenever I input data into input fields, I want a message to display informing me that I have input the incorrect format for a specific field so I can reduce the occurrence of entering data incorrectly.

**Acceptance Criteria:**

When a manager is using the interface, the user interface should include validation functionality for all input fields, so when queries are built using the data entered, the occurrence of query errors or blank query results using incorrectly formatted attributes that are passed to stored queries is reduced. This must be implemented for all query types of SELECT, INSERT, UPDATE, and DELETE.