



# **Enterprise Management System**

**Build: System**

**Version 2.0**



**Date: April 07, 2022**

|                              |                 |
|------------------------------|-----------------|
| Enterprise Management System | Version: 2.0    |
| Build: Prototype Screenshots | Date: 07/Apr/22 |
| Artifact 4.02                |                 |

## Revision History

| Date      | Version | Description  | Author   |
|-----------|---------|--|--|
| 23/Mar/22 | 1.0     | Document template created.                           | Laura Hui                                      |
| 24/Mar/22 | 1.1     | Added Screenshots and written section                | Amaris Leusink, Brendan Anderson, Amrit Nijjar |
| 07/Apr/22 | 2.0     | Prototype development completed for Transition Phase | Amaris Leusink, Brendan Anderson, Amrit Nijjar |
|           |         |  |  |

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|------------------------------|-----------------|
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## Table of Contents

|     |  |   |
|-----|--|---|
| 1.  | Introduction                                 | 4 |
| 1.1 | Purpose                                      | 4 |
| 1.2 | Scope  | 4 |
| 2.  | How to use the Prototype                     | 4 |
| 2.1 | Source Code, Virtual Environment, and Server | 4 |
| 3.  | Homepage                                     | 4 |
| 3.1 | Homepage Login                               | 4 |
| 3.2 | Homepage when logged in                      | 5 |
| 3.3 | Homepage when logged out                     | 5 |
| 4.  | Inventory                                    | 6 |
| 4.1 | Inventory Homepage                           | 6 |
| 4.2 | Add Inventory Form                           | 6 |
| 5.  | Claims                                       | 6 |
| 5.1 | Claims Homepage                              | 6 |
| 5.2 | Claims View/Search                           | 6 |
| 5.3 | Claims Form                                  | 7 |
| 5.4 | Warranties View/Search                       | 7 |
| 6.  | Inspections                                  | 7 |
| 6.1 | Inspections Homepage                         | 7 |
| 6.2 | Inspections Form                             | 8 |
| 6.3 | Inspections View/Search                      | 8 |
| 6.4 | Inspections Schedule                         | 8 |

|                              |                 |
|------------------------------|-----------------|
| Enterprise Management System | Version: 2.0    |
| Build: Prototype Screenshots | Date: 07/Apr/22 |
| Artifact 4.02                |                 |

# Build: System

## 1. Introduction

### 1.1 Purpose

This document will describe the current interface and functionality of the C3 Enterprise Management System prototype. It will also explain how to run the server to see the prototype live. All the necessary source code is attached along with this document so that individuals from C3 can use the prototype.

### 1.2 Scope

The scope of the system prototype includes inventory, claims, and inspections. Functionality for sales and reporting will be added in future iterations.

## 2. How to use the Prototype

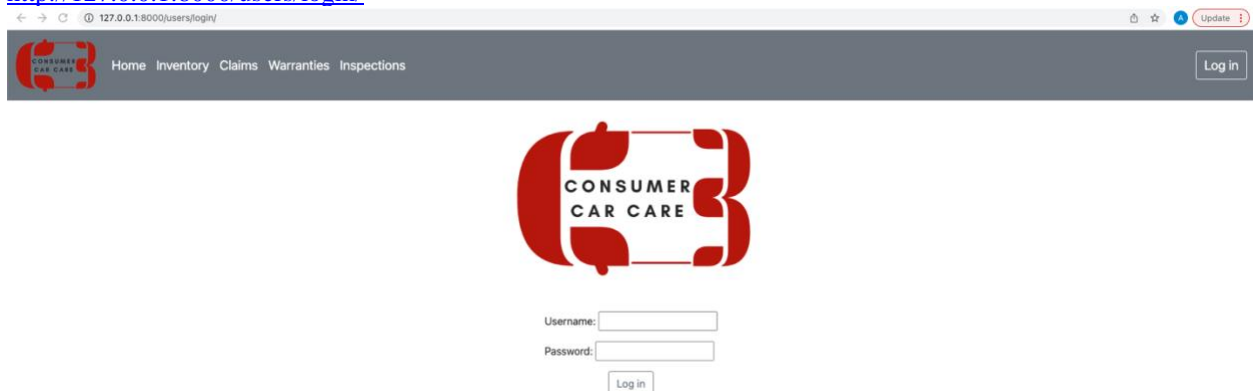
### 2.1 Source Code, Virtual Environment, and Server

The source code for this prototype is included in the zipped folder where this document is stored. Additionally, it can be downloaded from GitHub: <https://github.com/brendananders/Blue-Team-BTM419>. To run the virtual environment, go to Blue-Team-BTM419/ems/ems and on Windows type “Scripts\activate” or on MacOS type “source bin/activate”. This virtual environment can be shut off when in the same folder on Windows by typing “Scripts\deactivate” or on MacOS typing “deactivate”. To use the prototype, the server will need to be running. To do this, go to Blue-Team-BTM419/ems/ems/enterprise and use the Windows command “python manage.py runserver” or on MacOS use the command “python3 manage.py runserver”. In a web browser, input the address “<http://127.0.0.1:8000/>” in the search bar to see the prototype while the server is running.

## 3. Homepage

### 3.1 Homepage Login

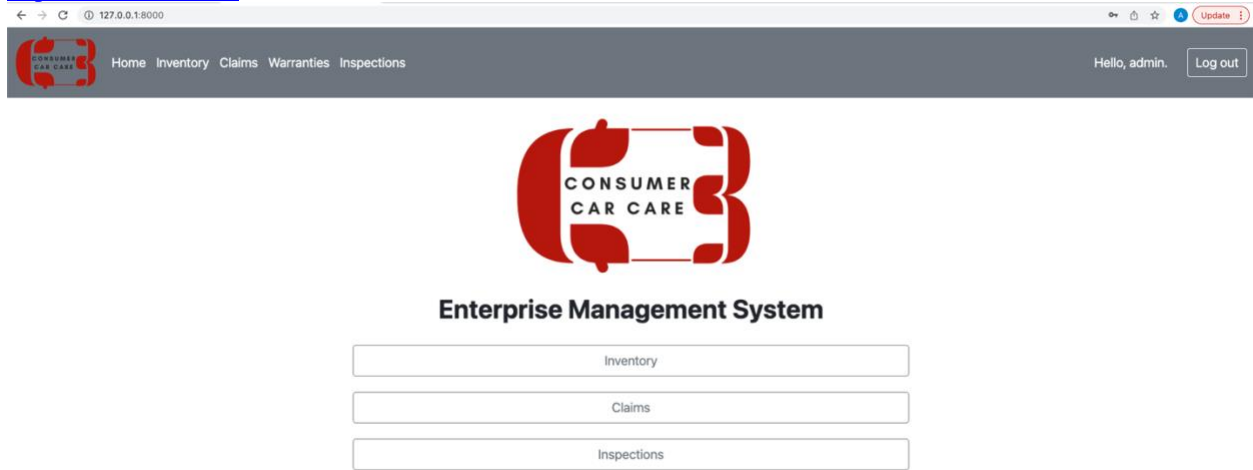
<http://127.0.0.1:8000/users/login/>



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|------------------------------|-----------------|
| Enterprise Management System | Version: 2.0    |
| Build: Prototype Screenshots | Date: 07/Apr/22 |
| Artifact 4.02                |                 |

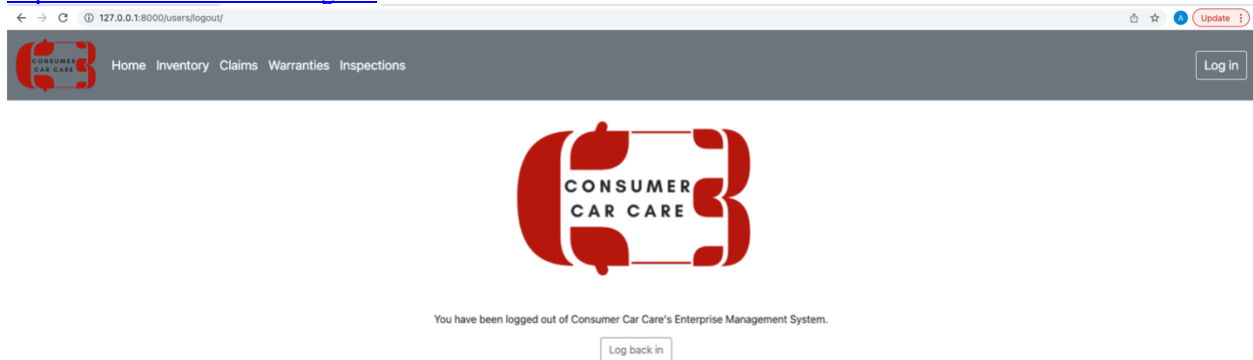
### 3.2 Homepage when logged in

<http://127.0.0.1:8000/>



### 3.3 Homepage when logged out

<http://127.0.0.1:8000/users/logout/>



|                              |                 |
|------------------------------|-----------------|
| Enterprise Management System | Version: 2.0    |
| Build: Prototype Screenshots | Date: 07/Apr/22 |
| Artifact 4.02                |                 |

### 3.4 Add Inventory Form

<http://127.0.0.1:8000/newInventory/>

127.0.0.1:8000/newInventory/

Home Inventory Claims Warranties Inspections Hello, admin. Log out

### Add New Inventory Item

Serial Number:

UPC Code:

Name:

Dealership:

Submit

## 4. Claims

### 4.1 Claims Homepage

<http://127.0.0.1:8000/claims/>

127.0.0.1:8000/claims/

Home Inventory Claims Warranties Inspections Hello, admin. Log out

CONSUMER CAR CARE

Claims

Warranties

### 4.2 Claims View/Search

<http://127.0.0.1:8000/claimsIndex/>

127.0.0.1:8000/claimsIndex/

Home Inventory Claims Warranties Inspections Hello, admin. Log out

### Claims

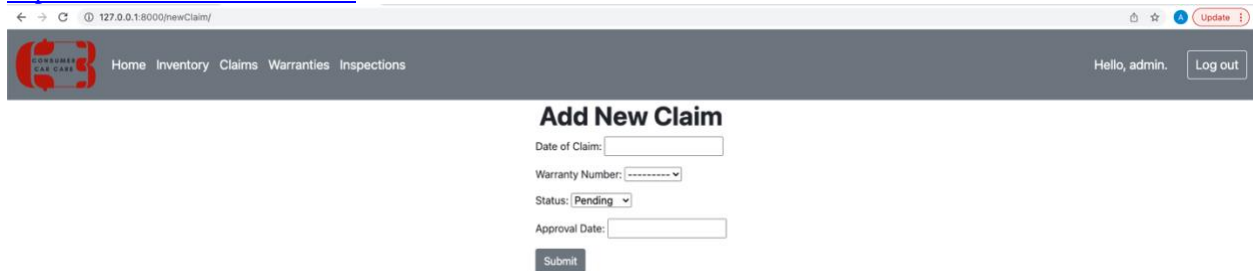
ClaimDate:  Warranty:  Status:  ApprovalDate:  Search

| Claim ID | Claim Date    | Status | Approval Date | Warranty ID |
|----------|---------------|--------|---------------|-------------|
| 3        | April 4, 2022 | AP     | April 4, 2022 | 1           |
| 4        | April 7, 2022 | PE     | None          | 2           |
| 1        | Oct. 10, 2022 | PE     | None          | None        |
| 2        | Oct. 10, 2022 | PE     | None          | None        |

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|------------------------------|-----------------|
| Enterprise Management System | Version: 2.0    |
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| Artifact 4.02                |                 |

### 4.3 Claims Form

<http://127.0.0.1:8000/newClaim/>



Home Inventory Claims Warranties Inspections

Hello, admin. Log out

### Add New Claim

Date of Claim:

Warranty Number:

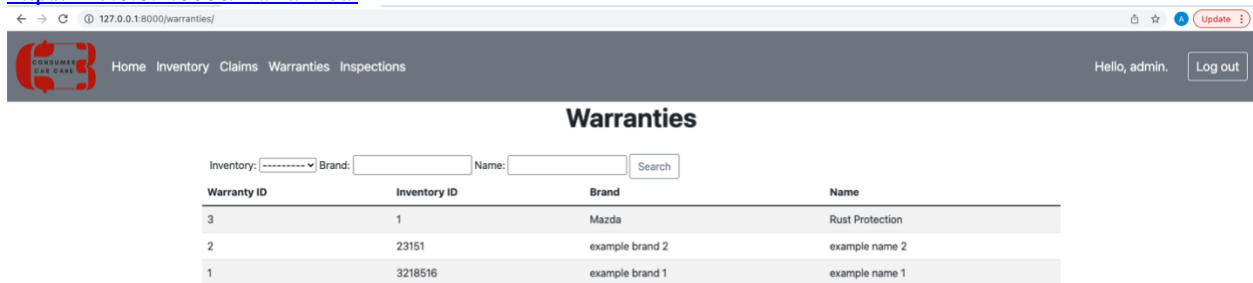
Status:

Approval Date:

Submit

### 4.4 Warranties View/Search

<http://127.0.0.1:8000/warranties/>



Home Inventory Claims Warranties Inspections

Hello, admin. Log out

### Warranties

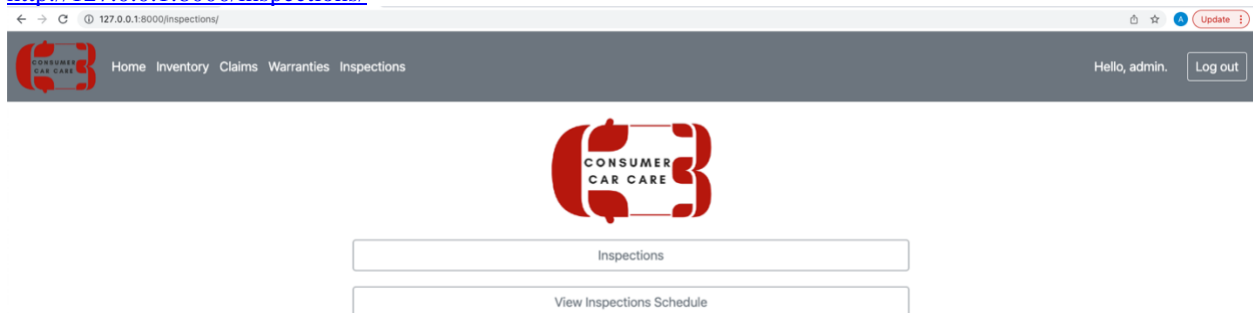
Inventory:  Brand:  Name:  Search

| Warranty ID | Inventory ID | Brand           | Name            |
|-------------|--------------|-----------------|-----------------|
| 3           | 1            | Mazda           | Rust Protection |
| 2           | 23151        | example brand 2 | example name 2  |
| 1           | 3218516      | example brand 1 | example name 1  |

## 5. Inspections


### 5.1 Inspections Homepage

<http://127.0.0.1:8000/inspections/>



Home Inventory Claims Warranties Inspections

Hello, admin. Log out



Inspections

View Inspections Schedule

|                              |                 |
|------------------------------|-----------------|
| Enterprise Management System | Version: 2.0    |
| Build: Prototype Screenshots | Date: 07/Apr/22 |
| Artifact 4.02                |                 |

## 5.2 Inspections Form

<http://127.0.0.1:8000/newInspection/>

**Add New Inspection**

Date of Inspection:

Inspector Name:

Date of Data Entry:

Claim:

## 5.3 Inspections View/Search

<http://127.0.0.1:8000/inspectionsIndex/>

**Inspections**

InspectorName:  InspectionDate:  DataEntryDate:  Claim:

| Inspection ID | Inspection Date | Inspector Name | Data Entry Date | Claim |
|---------------|-----------------|----------------|-----------------|-------|
| 1             | April 4, 2022   | Charlie Brown  | April 4, 2022   | 3     |
| 2             | April 7, 2022   | Bob joe        | April 6, 2022   | 2     |

## 5.4 Inspections Schedule

<http://127.0.0.1:8000/inspectionCalendar/>

**Inspection Calendar**

April 2022

| Mon | Tue | Wed | Thu | Fri | Sat | Sun |
|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     | 1   | 2   | 3   |
| 4   | 5   | 6   | 7   | 8   | 9   | 10  |
| 11  | 12  | 13  | 14  | 15  | 16  | 17  |
| 18  | 19  | 20  | 21  | 22  | 23  | 24  |
| 25  | 26  | 27  | 28  | 29  | 30  |     |