
Chalk Mountain Services

**Chalk Mountain Asset Management Tool
Use Cases**

Version 2.0

Chalk Mountain Asset Management	Version: 2.0
Use Cases	Date: 30/04/2023

Revision History

Date	Version	Description	Author
05/10/2022	1.0	First Draft	Matthew Bolding, Joey Flores, Emma Sanders, Zylar Niece
30/04/2023	2.0	Final Draft	Matthew Bolding, Joey Flores, Emma Sanders, Zylar Niece

Table of Contents

Use Case List	5
Use Case: Change Asset Status to In Service	6
Use Case: Change Asset Status to Out of Service	7
Use Case: View Assets	8
Use Case : Find an Asset	9
Business Rules	10

Chalk Mountain Asset Management	Version: 2.0
Use Cases	Date: 30/04/2023

Use Cases

Use Case List

Primary Actor	Use Cases
Shop Admin	UC-01: Change Asset Status to In Service UC-02: Change Asset Status to Out of Service UC-03: View Assets UC-04: Find An Asset
Yard Coordinator	UC-02: Change asset status to Out of Service UC-03: View Assets UC-04: Find An Asset
Mechanic	UC-01: Change asset status to In Service UC-03: View Assets UC-04: Find An Asset
Planner	UC-03: View Assets UC-04: Find status of an asset

Chalk Mountain Asset Management	Version: 2.0
Use Cases	Date: 30/04/2023

Use Case: Change Asset Status to In Service

UC ID and Name:	UC-01: Change asset status to In Service		
Created By:	Zyler Niece	Date Created:	
Primary Actor:	Shop Admin, Mechanic	Secondary Actors:	Administrator
Trigger:	The User indicates a request to change the status of an existing asset to In Service.		
Description:	Executing this use case will change the status of an asset from Out of Service to In Service.		
Preconditions:	PRE-1: The User is logged into the System. PRE-2: The User is authorized to put an asset In Service. PRE-3: The Asset has a status of Out of Service.		
Postconditions:	POST-1: The Asset has a status of In Service.		
Main Success Scenario:	<ol style="list-style-type: none"> 1. The User indicates a request to change the status of an asset. 2. The System displays the statuses that. 3. The User views and selects the In Service status. 4. The System prompts the User for notes for this request. 5. The System updates both the asset's state to In Service. 6. Use case ends. 		
Priority:	High		
Frequency of Use:	Medium		
Business Rules:	Refer to BR-1.		
Associated Information:	<p>Notification:</p> <ul style="list-style-type: none"> • The System creates a Log of the User who changed the status with time and date of the change. <p><i>Constraints:</i></p> <ul style="list-style-type: none"> - <i>Asset is Out of Service.</i> <p>The User shall be able to cancel the use case at any time prior to submitting it.</p>		
Related Use Cases	UC-02: Change status of asset to Out of Service		

Chalk Mountain Asset Management	Version: 2.0
Use Cases	Date: 30/04/2023

Use Case: Change Asset Status to Out of Service

UC ID and Name:	UC-02: Change status of asset to Out of Service		
Created By:	Joey Flores	Date Created:	
Primary Actor:	Shop Admin, Yard Coordinator	Secondary Actors:	Administrator
Trigger:	The User indicates a request to change the status of an existing asset to Out of Service.		
Description:	The User wants to change the status of an existing asset to In Service, so that the planner knows they can assign that asset to a driver.		
Preconditions:	PRE-1: The User is logged into the System PRE-2: The asset must be In Service. PRE-3: User must have permission to put an asset Out of Service.		
Postconditions:	POST-1: Changes made to the request are stored in the System.		
Main Success Scenario:	<ol style="list-style-type: none"> 1. The User indicates a request to change the status of an asset. 2. The System displays available statuses. 3. The User views and selects the Out of Service status. 4. The System prompts the User for optional notes for this request. 5. The User enters optional notes for this new request. 6. The User confirms the change to the asset's state. 7. The System updates both the asset's state to Out of Service and its associated notes. 8. Use case ends. 		
Priority:	High		
Frequency of Use:	Medium		
Business Rules:	Refer to BR-1.		
Associated Information:	<p>Notification:</p> <ul style="list-style-type: none"> • The System creates a Log of the User who changed the status with time and date of the change. <p><i>Constraints:</i></p> <ul style="list-style-type: none"> - <i>Asset is already In Service.</i> <p>The User shall be able to cancel the use case at any time prior to submitting it.</p>		
Related Use Cases:	The User may first choose to <u>UC-03: View all assets</u> , then decide to change one		

Chalk Mountain Asset Management	Version: 2.0
Use Cases	Date: 30/04/2023

Use Case: View Assets

UC ID and Name:	UC-03: View Assets		
Created By:	Matthew Bolding	Date Created:	30/09/2022
Primary Actor:	Shop Admin, Yard Coordinator, Mechanic, Planner	Secondary Actors:	Chalk Users
Trigger:	A User accesses the System.		
Description:	A User can view the asset database upon logging in.		
Preconditions:	None.		
Postconditions:	POST-1. The User can view the asset database.		
Main Success Scenario:	<ol style="list-style-type: none"> 1. The System displays the asset database. 2. Use case ends. 		
Priority:	High		
Frequency of Use:	High		

Chalk Mountain Asset Management	Version: 2.0
Use Cases	Date: 30/04/2023

Use Case : Find an Asset

UC ID and Name:	UC-04: Find the status of an update		
Created By:	Zyler Niece	Date Created:	30/09/2022
Primary Actor:	Shop Admin, Yard Coordinator, Mechanic, Planner	Secondary Actors:	
Trigger:	The user submits the search request.		
Description:	The user wants to find a specific asset.		
Preconditions:	None.		
Postconditions:	POST-1: A list of matching Assets is returned and displayed to the User		
Main Success Scenario:	<ol style="list-style-type: none"> 1. The User indicates request to find asset 2. The System asks the User to enter search values according to "Search criteria" defined in Associated Information of this use case. 3. The User enters a search value and confirms they have finished entering. 4. The System finds all assets that match the provided search criteria values. 5. Use case ends. 		
Extensions:	<p>4a. No matching is found. 4a1. The System displays no assets.</p> <p>4b. The User chooses to make another search. 4b1. The User enters a search value and confirms they have finished entering.</p>		
Priority:	High		
Frequency of Use:	High		
Associated Information:	Search Criteria: <ul style="list-style-type: none"> - Type - Asset Number - Location - Status - Date - Employee - Notes 		

Chalk Mountain Asset Management	Version: 2.0
Use Cases	Date: 30/04/2023

Business Rules

BR-1: Modifications to assets must be performed by an authorized user. Shop Admins have full access, Mechanics may only move assets in service, Yard Coordinators may only move assets out of service, and Planners and unauthenticated users have read only access.