# **1 Title**

MTG Card Catalog

# **2 Team**

Quinn Giebel

# **3 Requirement**

## **3.1 Functional Requirement**

*FN-IN-03: The system should allow the user to remove MTG cards from their virtual collections.*

## **3.2 Non-Functional Requirement**

*None*

# **4 Test Design**

|  |  |
| --- | --- |
| Test Cast ID | *T01* |
| Purpose | Remove a card from a card collection. |
| Pre-conditions | The user must have a card collection with at least one card in it. |
| Inputs | 1. The user must select a card in a card collection. 2. The user must select the remove option. |
| Expected Outputs | None. |
| Post-conditions | The card will no longer appear in the card collection. |
| Design Technique | GUI testing |

# **1 Title**

MTG Card Catalog

# **2 Team**

Lincoln Schroeder

# **3 Requirement**

## **3.1 Functional Requirement**

*FN-IN-02: The system should allow the user to add MTG cards to their virtual collections.*

## **3.2 Non-Functional Requirement**

*NFR-PROC-03: The system should store collections as lists of card names or codes.*

# **4 Test Design**

|  |  |
| --- | --- |
| Test Cast ID | *T02* |
| Purpose | Add a card to a card collection. |
| Pre-conditions | The user must have a collection selected. |
| Inputs | 1. The user must select a card from the search window. 2. The user must select the add option. |
| Expected Outputs | None. |
| Post-conditions | The card will now be stored in that collection. |
| Design Technique | GUI testing |

# 

# 

# **1 Title**

MTG Card Catalog

# **2 Team**

Lincoln Schroeder

# **3 Requirement**

## **3.1 Functional Requirement**

## *FN-IN-01: The system should allow the user to search for MTG cards.*

*FN-OUT-01: The system should display all card stats to the user when they are searched for.*

## **3.2 Non-Functional Requirement**

*NFR-IN-01: The system should allow the user to search by card color, name, type, power/toughness.*

*NFR-PROC-01: The system should query the JSON file to find cards matching the user’s search terms.*

*NFR-OUT-01: The system should display the card’s data in a similar format to a physical card.*

# **4 Test Design**

|  |  |
| --- | --- |
| Test Cast ID | *T03* |
| Purpose | Search for cards. |
| Pre-conditions | The user must be on the home screen |
| Inputs | The user types in keywords of the card they are looking for. |
| Expected Outputs | The system displays all cards that coincide with the user’s keywords/search terms. |
| Post-conditions | The user can now view the cards they wanted, and can select them for adding or removing. |
| Design Technique | GUI testing |

# 

# **1 Title**

MTG Card Catalog

# **2 Team**

Quinn Giebel

# **3 Requirement**

## **3.1 Functional Requirement**

*FN-IN-04: The system should allow the user to create multiple collections.*

## **3.2 Non-Functional Requirement**

*None.*

# **4 Test Design**

|  |  |
| --- | --- |
| Test Cast ID | *T04* |
| Purpose | Create multiple card collections |
| Pre-conditions | There must be at least one card collection in existence. |
| Inputs | 1. The user must elect to create a new collection. 2. The user must choose whether the collection will be a deck or not. |
| Expected Outputs | None. |
| Post-conditions | A new deck or collection will appear. |
| Design Technique | GUI testing |

**1 Title**

MTG Card Catalog

# **2 Team**

Quinn Giebel

# **3 Requirement**

## **3.1 Functional Requirement**

*FN-IN-05: The system should allow the user to delete any created collections.*

## **3.2 Non-Functional Requirement**

*None*

# **4 Test Design**

|  |  |
| --- | --- |
| Test Cast ID | *T05* |
| Purpose | Delete a card collection |
| Pre-conditions | There must be at least one card collection in existence. |
| Inputs | 1. The user must elect to delete a card collection. 2. The user must confirm that they wish to delete the collection |
| Expected Outputs | 1. The system will ask the user to confirm the deletion. |
| Post-conditions | The card collection will no longer appear in the system. |
| Design Technique | GUI testing |

**1 Title**

MTG Card Catalog

# **2 Team**

Quinn Giebel

# **3 Requirement**

## **3.1 Functional Requirement**

*FN-OUT-02: The system should allow users to compare MTG cards.*

## **3.2 Non-Functional Requirement**

*NFR-OUT-02: The system should display cards’ data side-by-side when comparing cards.*

# **4 Test Design**

|  |  |
| --- | --- |
| Test Cast ID | *T06* |
| Purpose | Compare cards |
| Pre-conditions | None |
| Inputs | The user must choose two cards to compare. |
| Expected Outputs | The system will display the selected cards side-by-side. |
| Post-conditions | None |
| Design Technique | GUI testing |

# **1 Title**

MTG Card Catalog

# **2 Team**

Adam Salt

# **3 Requirement**

## **3.1 Functional Requirement**

*None*

## **3.2 Non-Functional Requirement**

*NFR-PROC-02: The system should have a default collection of all the user’s cards.*

# **4 Test Design**

|  |  |
| --- | --- |
| Test Cast ID | *T07* |
| Purpose | .Check for default card collection |
| Pre-conditions | The system must be running |
| Inputs | None |
| Expected Outputs | Should display default card collections |
| Post-conditions | Default card collection should be able to added to. |
| Design Technique | GUI Testing |

# **1 Title**

MTG Card Catalog

# **2 Team**

Adam Salt

# **3 Requirement**

## **3.1 Functional Requirement**

*FN-PROC-01: The system should be able to run on the current version of Windows.*

## **3.2 Non-Functional Requirement**

*NFR-PROC-04: The system should run on Windows as a Windows application on the user’s computer.*

# **4 Test Design**

|  |  |
| --- | --- |
| Test Cast ID | *T08* |
| Purpose | Check to see if it runs on windows |
| Pre-conditions | Using up to date Windows machine |
| Inputs | User tries to run program |
| Expected Outputs | Application should open and run |
| Post-conditions | None |
| Design Technique | Smoke testing |