# Site Requirements
## Final Project

## Prepared by

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- ✔ The Mana Pool
- ✔ Version 1.0: 1/17/2014

# The Mana Pool

## ⌄ Contents

## ⌄ Detailed Requirements

# Introduction

This document outlines the business requirements for the website. The requirements may be updated or revised when needed/necessary. Revisions will be noted here along with final approvals/dates.

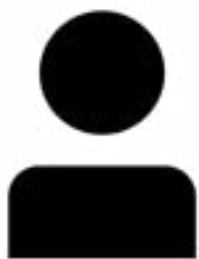The existing site can be located at: localhost/themanapool.com/

## Revision History

| | | | |
|---|---|---|---|
| ✔ Created Doc | Matt Mohl | 1.0 | 1/14/14 |

## Approvals

## Reviewers

# Team Members

## The Team

✔ Everything - Matt Mohl
✔ Everything Else - Matt Mohl

# General Notes

The point of this document is to better visualize the requirements of The Mana Pool. Each section represents a page of the site, and will have all the requirements for that page listed below it. The number next to the requirement is used for marking changes to this document in the Revision History section.

# Timeline

## HTML/CSS Markup
✔ 1/22/14

## Login/Register
✔ 1/27/14

## Browse System
✔ 2/10/14

## Deck System
✔ 2/24/14

## Comment System
✔ 3/03/14

## Exp System
✔ 3/17/14

# Budget
## $12,000

## HTML/CSS Markup
✔ $2000

## User System
✔ $1000

## Browse System
✔ $5000

## Deck System
✔ $2000

## Comment System
✔ $1000

## Exp System
✔ $1000

# Detailed Requirements

Below are all of the functional requirements for The Mana Pool's main pages. These are specifically geared towards the pages that are full views and not partial.

## 1.0 Home-Page

| Item | Description | Other | Comments |
|------|-------------|-------|----------|
| 1.1.1 | 1. A register form | | |
| 1.1.2 | 2. A login form | | |
| 1.1.4 | 1. A Introduction image<br>2. Will simply explain the website purpose | | |

## 2.0 Dashboard

| Item | Description | Other | Comments |
|------|-------------|-------|----------|
| 2.1.1 | 1. A link to My Decks | | |
| 2.1.2 | 2. A link to Community Decks | | |
| 2.1.3 | 3. A link to Browse | | |

# 3.0 My Decks

| Item | Description | Other | Comments |
|---|---|---|---|
| 3.1.1 | 1. The Deck List<br>2. This will need to be an ng-repeat<br>3. This will only show the user's decks | | |
| 3.1.1.1 | 4. An item in the Deck List<br>5. Will have deck name<br>6. Will have deck color bars<br>   o  percentage of deck colors<br>7. Will have deck image<br>   o  chosen by deck owner<br>8. Will have deck status<br>   o  chosen by deck owner<br>   o  the deck can be solid, in need of help, in need of fine tuning, etc.<br>9. Will have deck description<br>   o  written by deck owner<br>   o  can be a maximum length of about 200 characters<br>10. Will have Edit Deck button | | |
| 3.1.2 | 11. A sorting bar<br>12. This will have 5 colors that can be toggled on or off to only show decks of those colors<br>13. These will be matched with an 'and' operator, meaning all colors need to match | | |

| 3.1.3 | 1. A search bar 2. This search bar will accept card OR deck names, since both are very pertinent in finding decks effectively | | |
|---|---|---|---|
| 3.1.4 | 3. A view changer 4. This will simply be a list of different views including grid, list, and informative | | |

# ⌄ 4.0 Community Decks

| Item | Description | Other | Comments |
|------|-------------|-------|----------|
| 4.1.1 | 1. The Deck List<br>2. This will need to be an ng-repeat from FireBase<br>3. This will only show the user's decks | | |
| 4.1.1.1 | 4. An item in the Deck List<br>5. Will have a View Deck button<br>6. See 3.1.1.1 | | |
| 4.1.2 | 7. A sorting bar<br>8. See 3.1.2 | | |
| 4.1.3 | 9. A search bar<br>10. See 3.1.3 | | |
| 4.1.4 | 11. A view changer<br>12. See 3.1.4 | | |

# ⌄ 5.0 Edit Deck

| Item | Description | Other | Comments |
|------|-------------|-------|----------|
| 5.1.1 | 1. A Card List<br>2. This will be an ng-repeat from FireBase | | |
| 5.1.1.1 | 3. A card image<br>   ○ This will need to be pulled from Wizard's Gatherer using the multiverseid of each card<br>   ○ This will already contain all the info required for the current item, however, that information will be listed next to the card for ease of reading<br>4. The card name<br>5. The card mana cost<br>6. The card converted cost<br>7. The card type<br>8. The card rules text<br>9. The card power / toughness if a creature<br>10. The card flavor text | | |
| 5.1.2 | 1. A Remove button<br>2. Removes all instances of card from deck | | |
| 5.1.4 | 1. A numeric stepper<br>2. Changes the number of cards in the deck | | |

# ⌄ 6.0 View Deck

| Item | Description | Other | Comments |
|------|-------------|-------|----------|
| 6.1.1 | 1. A view changer<br>2. This will simply be a list of different views including grid, list, and informative | | |
| 6.1.2 | 3. A card list | | |
| 6.1.3 | 1. A comment list<br>2. Will have the user name<br>3. Will have the comment text<br>4. Will have a +1 affordance<br>   ○ Used for giving another user an experience point<br>5. Will have a reply affordance | | |
| 6.1.4 | 1. A comment button<br>2. This will reveal a comment form in-page for comment submission | | |

| Item | Description | Other | Comments |
|------|-------------|-------|----------|
| 7.1.1 | 1. A list of preset searches<br>2. The list will contain a list of preset searches that will simply query the card database when clicked<br>3. The list could eventually be editable by the user to have custom searches or previous searches | | |
| 7.1.2 | 4. A list of top used cards<br>5. This will list the top 5 most used cards among user created decks<br>6. Hide-able | | |
| 7.1.3 | 1. An advanced search<br>2. This will need to be able to query every property of a card that can possibly be queried<br>3. Examples<br>   o card.type<br>   o card.subtype<br>   o card.flavortext<br>   o card.power / card.toughness<br>4. An add to deck button<br>   o which deck it's added to is determined by a drop down list of all the user's decks | | |

# Usability Test Plan

## Goal

I want this site to very easy and natural to use, obviously, but I want the basic processes of editing decks and finding cards to be enjoyable. I also hope to find the best placement of buttons and data within my views.

## Testers

I was planning on testing my site out on actual Magic: The Gathering players at a local card shop. Testing it out on the actual target audience will be the most effective way of completing the goal of this usability testing.

## Basic Navigation

Can you find the Community page?
Can you find the Browse page?

## Basic Deck Creation

How would you create a deck?

## Deck Editing

How would you edit the number of cards in your deck?

## Card Searching

How would you search for White Human cards?
How would you search for Blue and White cards?
Is it easy to read the card information?

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