**Harry’s Script**

Store does not have an MTG(Magic The Gathering) card online marketing platform currently. This is a missing revenue stream that the store wants to tap into.

Insufficient system set up to keep track of customer orders / store credit. Currently they use separate excel sheets for every customer’s store credit pages and one containing all orders. This is not efficient and needs to be replaced.

No database exists that tracks current stock or price of MTG cards. The store currently relies on competitors to price cards which looks unprofessional. Also the competitor websites are not well done and take a very long time to load.

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| **Requirement Scope Area** | **Description** |
| Online Card Business | Area responsible for providing card information and access for clients and employees. |

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| **External Entity** | **Description** |
| Manager | Sword and Board manger that can view, update or modify database, staff, and current client accounts. |
| Employee | Sword and board employee that can update, remove, add customer profiles and update their credit. |
| Customer | customer who can view, purchase cards, and add credit to their profile. |

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| **Information Flows** | **Description** |
| Adds new employees | New Employees can be added/modified by manager. |
| Edits employee/customer information | Manager can edit employee/client profiles ie. name, age, role, credit. |
| Manages card prices | Database card prices that the manager can view or modify. |
| Informs | Employees, Clients, and Managers are given the ability to view the cards in the current database. |
| Orders | Any card that the customer purchases. |
| Order status | The status of the transaction made by a customer ie. pending transactions. |
| Cards availability | informs the client of the quantity of each card in inventory |
| Payments | Any payments a customer makes. |
| Add/removes cards from inventory | Cards are added or removed by either manager or employee. |
| Store credit updates | Customer’s store credit can be modified by employee. |
| Updates customer information | Employee may view, modify, delete any preferences or personal info on customer profile. |
| Adds/removes customers | Employee can add/remove clients in the database. |

Nolan’s Script

* Create an effective online marketing platform that enables versatile solutions depending on client needs. Pretty much, we want to make a modular, versatile system that can be partially implemented in multiple ways, depending on the businesses needs.
* Create database that tracks customer store credit and transaction history. It can be viewed by customers and edited by employees. The current system of excel files will be imported into the database. The database will be accessed through a login portal on the website. Only employees will be able to edit values, whereas customers will be able to view.
* Create database that tracks inventory and prices of cards. The databases will be updated from 3rd party sources. The card inventory will be from the creators of the game, who have a public API to access use their database. Prices will be scraped from competitors websites and displayed alongside cards. This means there will be no permanently stored prices. We will set up a script that will detect when card prices increase by a significant amount, such that we aren’t constantly pinging different sites and only doing that when needed.

The goals to be accomplished by this project include:

* An increase in profit through an increase in advertised products and increased exposure. This will be achieved through the existence of an online presence which will bring in more customers to the store. Keeping potential customers on your website is one of the best ways to actually converting them into customers.
* An increase in exposure through a properly and well designed corporate website. Having an effective pricing metric online will bring people to the website just to compare prices. People want the lowest prices with the best convenience and a well designed website is the nexus to that.
* An increase in employee efficiency through an improved store credit system and a streamlined pricing method. Instead of employees going on 3rd party websites to price cards, they can instead go on their own website where they can also do store credit transactions at the same time. Also not relying on another companies infrastructure should make wait times less of an occurrence, as currently the competitors websites are not well designed and are very slow.