

# winePad

PROJECT #00000T

Prime Academy

April 4th, 2016 / SOW Version # 1

## DOCUMENT OBJECTIVE

The purpose of this document is to provide detailed documentation that clearly defines the work that Prime Academy will perform, your requirements and specifications under which that work will be performed, and the deliverables you will receive within the scope of this project. By accepting this document you acknowledge your understanding and agreement to this scope of work. Any requirement, which falls outside the specifications in this document, will be considered "Out of Scope" and may require significant changes to the budget or timeline established for this project.

This document supersedes the estimate and any other documentation provided regarding the work to be performed by Prime Academy

## Scope of Work Details

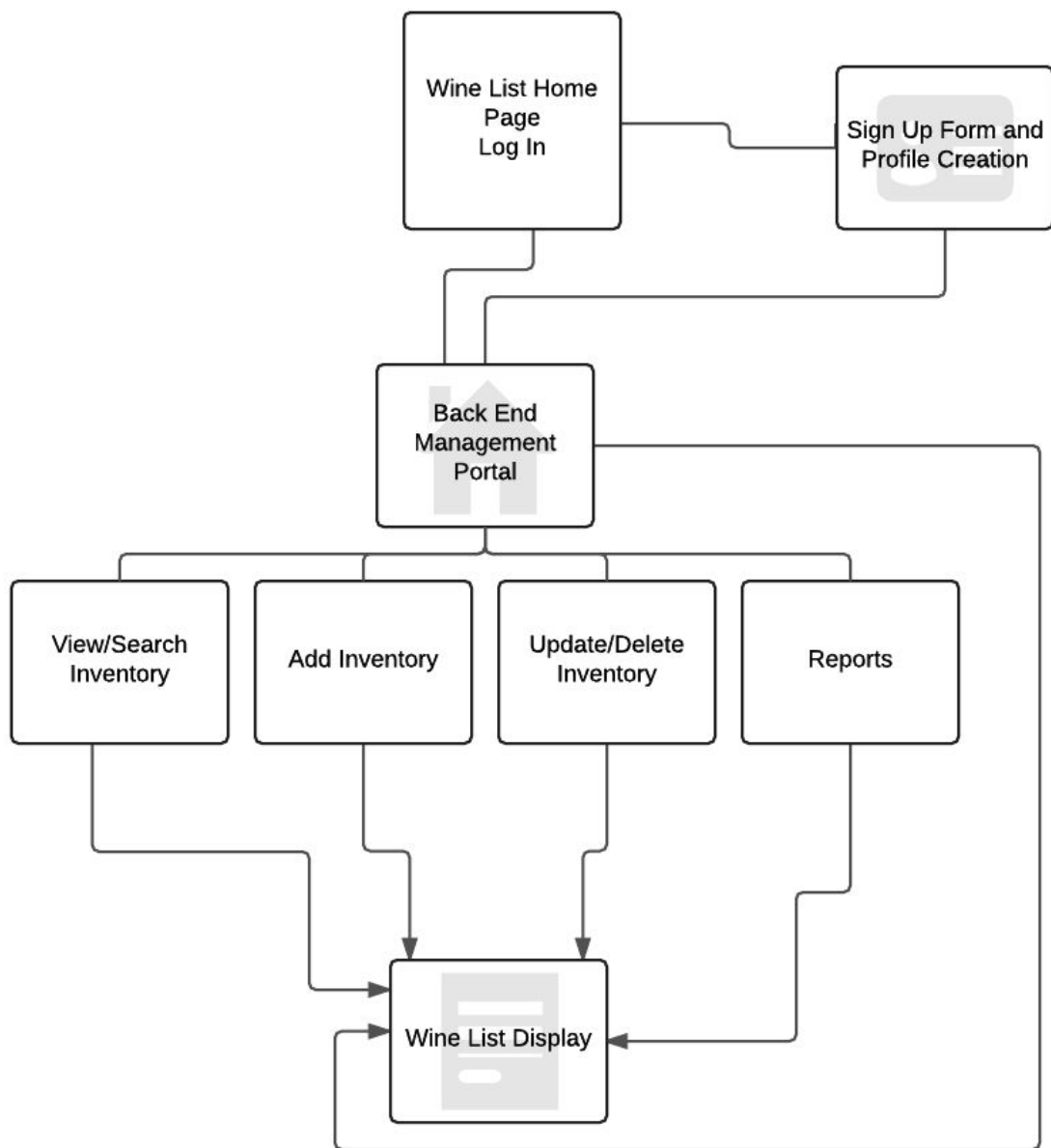
This project is designed to effectively and efficiently manage wine inventory for commercial use such as a restaurant, private-club or hotel; or for personal use such as a private cellar. This project will have two main portions a back-end administration portion and front-end user experience portion for displaying an interactive wine list available with all the wine in the cellar. The back-end portion will focus on adding, deleting and updating the users wine inventory. Users must login in to the app because each individual user will have their own database/wine cellar. This app is created out of the necessity of maintaining accurate inventory to be able to calculate wine costs, inventory on hand, and reflect accurately the wine list that is available in the cellar. The wine list will display the information to the user in an interactive way that is also non-intimidating and easy to use.

## COMPONENTS

### Login-Page/Home Page

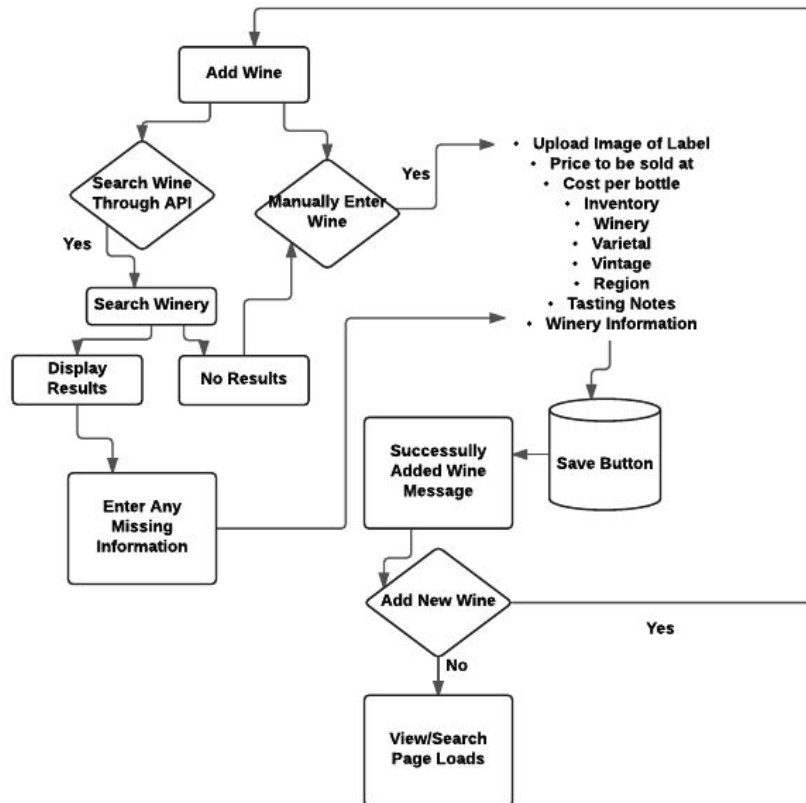
- User Name and Password Field
  - Each user will have their own wine database/cellar that will be stored in a MongoDB that will be accessed through their own personal login
  - Passport Authentication will be used
  - Information will be stored in Mongo Database
- Sign Up
  - First and Last Name
  - User Name
  - Password
  - Email address

## Overall Site Map



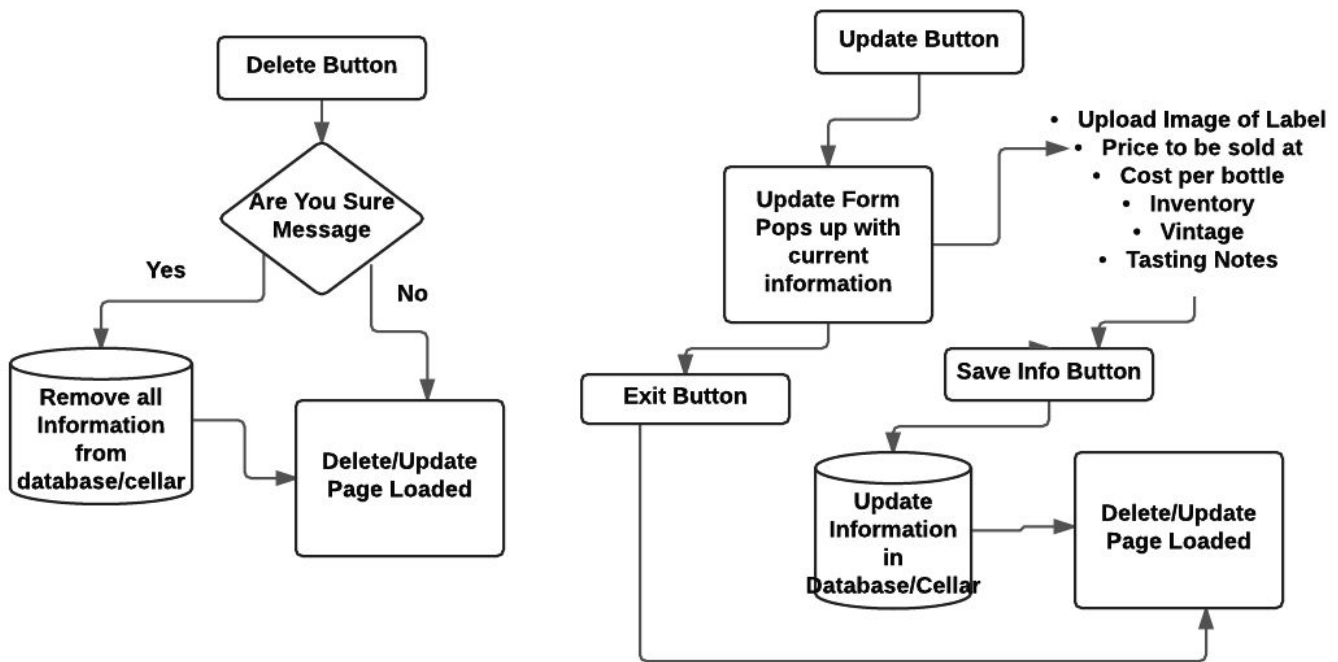
## Back-End Page/Management Portal

- Log Out Option
  - Signs user out and loads Login/Home Page
- Navigation
  - View/Search Inventory
  - Add Inventory
  - Update/Delete Inventory
  - Financial Reports
  - Wine List Display
- View/Search Inventory
  - Display current Inventory in users database on the landing page alphabetically (limited amount), in a truncated format
    - Winery
    - Inventory
    - Price
    - Cost
  - Filter through inventory to be displayed on the landing page
  - Methods of filtering
    - Varietal (Alphabetical)
    - Winery (Alphabetical)
    - Vintage (Youngest First)
    - Region (Alphabetical)
    - Costs (Lowest First)
- Add Inventory(all inventory will stored and maintained in a MongoDB)
  - Manually Enter/Include Fields for
    - Upload Image of Label
    - Price to be sold at
    - Cost per bottle
    - Inventory
    - Winery
    - Varietal
    - Vintage
    - Region
    - Tasting Notes
    - Winery information
  - Search Wine.com API to assist in adding new wine to users Inventory
  - API will be used to collect as much information as possible and populate the form
  - User will still be required to enter:
    - Price to be sold at
    - Cost per bottle
    - Inventory
  - User will press Add button to add to the inventory



## ● Delete/Update Inventory

- Delete Button will be available to remove entire wine and all information from database
  - User will be alerted “Are You Sure?” prompt
- An Edit Button will be available to update all information listed below:
  - Update/Change Quantity
  - Update/Change Vintage
  - Update/Change Cost
  - Update/Change Price
  - Update/Change Tasting Notes
- The Delete and Edit button will only be available in this view



- Financial Reports(OUT OF SCOPE-FOCUS ON THIS LAST)

- All information below will be available in just one report format for this version
  - Wine Costs
  - Wine Sales
  - Inventory on Hand
  - Top Selling Wine
  - Least Selling Wine
  - Select Date Range Functionality

# Front-End Display

(All information on the front-end will be dynamically displayed on a separate view that will be supplied from the users own database/wine cellar from the back end. Search functionality will be identical to the back-end.)

- Initial Display

- Initial Display will include entire contents of wine database/cellar in a truncated view organized Alphabetically
  - Winery
  - Varietal
  - Vintage
  - Price

- Wine Search/View

- Users will be able to scroll through entire selection of wine or search for specific selection
- Users Will be able to search based on:
  - Price
  - Winery
  - Varietal
  - Region
  - Vintage

- Wine Selection

- When user selects a bottle of wine, another screen will be loaded with more specific information:
  - Label Image
  - Price
  - Varietal
  - Winery
  - Region
  - Vintage
  - Tasting Notes
  - Winery Information

- Delete Inventory

- Hidden Button that would delete one bottle at a time to ensure accurate inventory that will be maintained by the admin user, not the customer
- If last bottle is deleted, the wine list will update to remove that wine from the list

# Deployment Plan

## Technologies to be used for Deployment

- HTML5, CSS3, Angular JS version 1.5.3 for overall layout and design
- Mongo DB for storing wine cellar and user information
- Wine API to assist in adding wine to database
- ipadpeek.com will be used as testing environment to ensure mobile friendliness
- GIT and GitHub for Version Control

## Project MILESTONES

If approval of this Scope of Work (v.#) is received by Prime Academy no later than 04/06/15 @ 5:00 p.m. CST, development shall become effective on 04/07/16, and the following deadlines will become effective. Changes, if necessary, will be reported by the SPM via email to [CLIENT CONTACT NAME]. CLIENT NAME acknowledges and agrees that CLIENT NAME'S failure to adhere to deadlines (including, but not limited to: Scope, expenses, and asset approval; providing sufficient assets; responding to communication from Prime Academy) will impact Prime Academy's deadlines and estimated cost and, in such instances, Prime Academy will not be responsible for missed deadlines, including final delivery/deployment, and increased costs and expenses.

Scope of Work Approved	Prime Academy	04/06/16
File Structure/Server Creation - 3 hours		04/07/16
Routes/MongoDB Creation - 3 hours		04/07/16
Login/Logout Authentication- 10 hours		04/08/16
Add Inventory-4 hours		04/11/16
View/Search Inventory-3 hours		04/11/16
Delete Inventory - 1 hour		04/11/16
Front End Display - 8 hours		04/12/16
Financial Reports - 5 hours(OUT OF SCOPE-FOCUS ON THIS LAST)		04/13/16
Finalize All Styling and Display - 6 hours		04/14/16
Test Deployment -2 hours		04/15/16
Respond to Test Deployment Issues-6 hours		04/15/16
QA Review Begins	Prime Academy	04/18/16
Deployment		04/19/16

## QA Testing

Prime Academy will perform QA testing on the documented features and functions of the project prior to its deployment. Our QA process starts with determining which inputs/actions cause deviation from desired behavior by starting with good/expected values and actions, progressing through reasonable but invalid inputs, and ending with extreme and invalid values. The overall aesthetic and large-scale attributes of a project are also scrutinized, including general usability, performance, and security.

## Supported Browsers & Devices

### Browsers

Application will fully support only the below listed browsers and QA will test only in the following browsers and versions. All browsers or versions not listed below are considered out of scope.

BROWSER NAME	VERSION	TYPE	SUPPORT
Chrome	49.0.2623		Full Support
Safari	9.1		Full Support
Firefox	43.0.1		Progressive

*Full support is defined as "All scoped and designed features will function as defined"*

*Progressive support is defined as "The product will be compatible with this browser, but certain features based on the browser's limitations may not be fully functional. Unless covered by the scope, the site/app will also not be pixel perfect to the original designs."*

*Supported browsers are assumed to be the versions listed without any add-ons, plug ins, or customizations.*

### Devices

Application will fully support only the below listed devices and QA will test only in the following devices and operating systems. All devices and operating systems not listed below are considered out of scope.

MANUFACTURER	DEVICE NAME	OS VERSION	SUPPORT
Apple	iPad	9	Full Support

*Full support is defined as "All scoped and designed features will function as defined"*

*Supported devices and operating systems are assumed to be the versions listed without any add-ons, plug ins, or customizations.*

*Native applications are tested on the hardware and OS listed. Mobile optimized sites are tested on the default, unmodified browser for the OS listed.*