Wine Information Network

Requirements

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PP	Requirement for Profile Page
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Di	Requirement for Displaying
RS	Requirement for Shelves of Recommender System
BS	Requirement for Backup System
Misc	Miscellaneous Requirements

	Priority
1	Highest Priority – Vital to Application
2	Medium Priority – Desirable, but not essential
3	Low Priority – Implement time permitting

	Progress Status
Planning	Requirement is being considered for project.
Designing	Details of requirement are being determined.
Developing	Requirement is being programmed.
Testing	Requirement is being tested to ensure it is working as designed.
Completed	Requirement is done. There is no more work to do.
Deferred	Development of requirement is on hold for future release.

HP-1: Homepage Display

Priority:	1
Description:	The system shall be able to display a given subset of the sorted popular wines on the homepage.
Progress Status:	Deferred
Associated Use Cases:	FP-1

HP-2: Login to System

Priority:	1
Description:	The system shall be able to validate user login credentials.
Progress Status:	Completed
Associated Use Cases:	RS-4, RS-5, FP-2

HP-3: Create Account

Priority:	1
Description:	The system shall be able to create (register) a user account
Progress Status:	Completed
Associated Use Cases:	FP-3

HP-4: Login with Facebook

Priority:	2
Description:	The system shall be able to allow users to login to their accounts via Facebook.
Progress Status:	Deferred
Associated Use Cases:	FP-2

HP-5: View Random Wine

Priority:	2
Description:	The system shall be able to select a wine from the database at random and display the wine to the user.
Progress Status:	Deferred
Associated Use Cases:	RS-1, RS-8

HP-6: View Random Wine Info

Priority:	2
Description:	The system shall display wine attributes about the randomly selected wine.
Progress Status:	Deferred
Associated Use Cases:	RS-1, RS-8, IWP-1

PP-1: View Profile

Priority:	1
Description:	The system shall be able to allow users to view their profile information.
Progress Status:	Completed
Associated Use Cases:	FP-2

PP-2: Popularity Count

Priority:	1
Description:	The system shall be able to retain a measure of user interest/rating of each wine.
Progress Status:	Completed
Associated Use Cases:	FP-1

PP-3: Popularity Sort

Priority:	1
Description:	The system shall be able to sort the count of users interested in a particular wine from highest to lowest.
Progress Status:	Deferred
Associated Use Cases:	FP-1

PP-4: Privacy Settings - Update

Priority:	3
Description:	The system shall update the configurations of the privacy settings in the database.
Progress Status:	Deferred
Associated Use Cases:	IS-12

PP-5: Edit User Account

Priority:	3
Description:	The system shall be able to edit an existing user account.
Progress Status:	Completed
Associated Use Cases:	FP-4

PP-6: Delete User Account

Priority:	3
Description:	The system shall be able to delete an existing user account.
Progress Status:	Completed
Associated Use Cases:	FP-5

S/R-1: Store Wine Bottle

Priority:	1
Description:	The system shall be able to add a wine to the general wine database.
Progress Status:	Completed
Associated Use Cases:	IS-1

S/R-2: Store Wine Attributes

Priority:	1
Description:	The system shall be able to store attributes associated with wines.
Progress Status:	Completed
Associated Use Cases:	IS-1

S/R-3: Store Storage Location

Priority:	2
Description:	The system shall be able associate a wine with a storage location.
Progress Status:	Completed
Associated Use Cases:	IS-1, IS-2

S/R-4: Store User Ratings

Priority:	1
Description:	The system shall be able to store user ratings.
Progress Status:	Completed
Associated Use Cases:	IS-1

S/R-5: Store User Reviews/Descriptions

Priority:	1
Description:	The system shall be able to store user reviews/descriptions.
Progress Status:	Completed
Associated Use Cases:	IS-1

S/R-6: Store User Account Info

Priority:	1
Description:	The system shall be able store information associated with a user account in the database.
Progress Status:	Completed
Associated Use Cases:	FP-2

S/R-7: Store Storage Location Attributes

Priority:	2
Description:	The system shall be able to store the attributes of a storage location: location name, location contents, associated user, and internal location ID.
Progress Status:	Completed
Associated Use Cases:	IS-2

S/R-8: Recognize Barcodes

Priority:	2
Description:	The system shall be able to recognize a bottle of wine from its barcode.
Progress Status:	Deferred
Associated Use Cases:	IS-1

S/R-9: Delete Wines

Priority:	2
Description:	The system shall be able to delete any number of wines from a user's inventory.
Progress Status:	Completed
Associated Use Cases:	IS-6

S/R-10: Add Item to Wishlist

Priority:	3
Description:	The system shall be able to add wines to a user's wishlist.
Progress Status:	Completed
Associated Use Cases:	IS-11

S/R-11: Delete Item from Wishlist

Priority:	3
Description:	The system shall be able to delete wines from a user's wishlist.
Progress Status:	Completed
Associated Use Cases:	IS-11

S/R-12: Delete an Inventory Location

Priority:	3
Description:	The system shall be able to delete a user's existing inventory location.
Progress Status:	Completed
Associated Use Cases:	IS-14

S/S-1: Filter Wines

Priority:	1
Description:	The system shall be able to filter wines in an inventory based on tags and location.
Progress Status:	Completed
Associated Use Cases:	IS-8

S/S-2: Sort Wines by Attribute

Priority:	1
Description:	The system shall allow the user to specify which attribute the inventory should be sorted by.
Progress Status:	Deferred
Associated Use Cases:	IS-8

S/S-3: Wine History - Everything

Priority:	2
Description:	The system shall display an archive of a user's inventory (ie every wine the user has ever owned).
Progress Status:	Deferred
Associated Use Cases:	IS-9

S/S-4: Wine History – Recently Added

Priority:	2
Description:	The system shall display a history of added wines (ie a list of the most recently added wines).
Progress Status:	Deferred
Associated Use Cases:	IS-9

S/S-5: Wine History – Removed

Priority:	2
Description:	The system shall display a history of removed wines (ie a list of removed wines).
Progress Status:	Deferred
Associated Use Cases:	IS-9

S/S-6: Search Database for Wine - Name

Priority:	1
Description:	The system shall allow the user to search for wines by name from the entire database or the inventory.
Progress Status:	Completed
Associated Use Cases:	IS-10, IRS-2

S/S-7: Search Database for Wine – Attri.

Priority:	1
Description:	The system shall allow the user to search for wines by attributes from the entire database.
Progress Status:	Deferred
Associated Use Cases:	IS-10, IRS-2

S/S-8: Search Inventory for Wine – Name

Priority:	1
Description:	The system shall allow the user to search for wines by name from their inventory.
Progress Status:	Completed
Associated Use Cases:	IS-10, IRS-2

S/S-9: Search Inventory for Wine – Attri.

Priority:	1
Description:	The system shall allow the user to search for wines by attributes from their inventory.
Progress Status:	Deferred
Associated Use Cases:	IS-10, IRS-2

Di-1: Display Wine Attributes

Priority:	1
Description:	The system shall be able to display wine attributes/tags.
Progress Status:	Completed
Associated Use Cases:	IS-1, IWP-1

Di-2: Display User Ratings

Priority:	1
Description:	The system shall be able to display user ratings
Progress Status:	Deferred
Associated Use Cases:	IS-1, IS-13

Di-3: Display User Reviews

Priority:	1
Description:	The system shall be able to display user reviews
Progress Status:	Deferred
Associated Use Cases:	IS-1, IS-13

Di-4: Display Wine Statistics

Priority:	2
Description:	The system shall display statistics about a specified wine.
Progress Status:	Deferred
Associated Use Cases:	IS-7

Di-5: Display Inventory Statistics

Priority:	1
Description:	The system shall display statistics about the inventory as a whole.
Progress Status:	Completed
Associated Use Cases:	IS-7

Di-6: Display Privacy Settings

Priority:	3
Description:	The system shall display the privacy settings of the user.
Progress Status:	Deferred
Associated Use Cases:	IS-12

Di-7: Display External Link

Priority:	3
Description:	The system shall be able to display links to external websites allowing the user to purchase the recommended wine.
Progress Status:	Deferred
Associated Use Cases:	RS-3

Di-8: Display Average Price

Priority:	3
Description:	The system shall be able to display the average price of a wine via a webpage.
Progress Status:	Deferred
Associated Use Cases:	IWP-3

Di-9: Autocomplete – Database Search

Priority:	3
Description:	The system shall display the names of wines that are a likely match the user's intended wine when searching the database for an individual wine.
Progress Status:	Deferred
Associated Use Cases:	IRS-2

Di-10: Autocomplete – Inventory Add

Priority:	3
Description:	The system shall display the names of wines that are a likely match the user's intended wine when adding a wine to the inventory.
Progress Status:	Completed
Associated Use Cases:	IRS-2

Di-11: Display Wishlist

Priority:	3
Description:	The system shall be able to keep track of wines added by the user to their wishlist.
Progress Status:	Deferred
Associated Use Cases:	IS-11

RS-1: Create Shelf

Priority:	1
Description:	The system shall be able to create a recommender shelf based on user-entered seed information.
Progress Status:	Completed
Associated Use Cases:	RS-4, RS-5

RS-2: Export Shelf Seed

Priority:	2
Description:	The system shall be able to export a link containing the seed data of a recommender system shelf.
Progress Status:	Deferred
Associated Use Cases:	RS-4

RS-3: Create Shelf – Preexisting Seed

Priority:	2
Description:	The system shall be able to create a new shelf from a previously created shelf export link.
Progress Status:	Deferred
Associated Use Cases:	RS-4, RS-5

RS-4: Remove Shelf - Database

Priority:	1
Description:	The System shall be able to remove a Shelf from the Recommendation Database for the User.
Progress Status:	Completed
Associated Use Cases:	RS-6

RS-5: Remove Shelf - Display

Priority:	1
Description:	The System shall be able to reflect the removal of a shelf in the User's Shelf List.
Progress Status:	Completed
Associated Use Cases:	RS-6

RS-6: Remove Shelf - Button

Priority:	1
Description:	The System shall display a Remove Button on the User's Active Shelf in the Shelf List.
Progress Status:	Completed
Associated Use Cases:	RS-6

RS-7: Store Shelves

Priority:	1
Description:	The System shall store a List of the User's Recommendation Shelves.
Progress Status:	Completed
Associated Use Cases:	RS-6, RS-7

RS-8: View Shelf List (Sidebar)

Priority:	1
Description:	The System shall present a list of the User's Recommendation Shelves to the User.
Progress Status:	Completed
Associated Use Cases:	RS-6, RS-7

RS-9: View Current Shelf

Priority:	1
Description:	The System shall display an Active Recommendation Shelf to the User.
Progress Status:	Completed
Associated Use Cases:	RS-4, RS-5, RS-6, RS-7

RS-10: Select Different Shelf

Priority:	1
Description:	The System shall allow the User to select an Inactive Shelf (from sidebar) to make it the Active Shelf.
Progress Status:	Completed
Associated Use Cases:	RS-7

RS-11: Shuffle Shelf

Priority:	2
Description:	The system shall display by default a shuffle shelf to pull random wines from each shelf.
Progress Status:	Deferred
Associated Use Cases:	RS-1, IW-1, RS-2

RS-12: Recommender to Inventory

Priority:	1
Description:	The system shall store a recommended wine in the user's inventory by copying its information from the main database to the user database.
Progress Status:	Completed
Associated Use Cases:	IRS-1

RS-13: Transfer Confirmation

Priority:	2
Description:	The system shall inform the user that the wine was added to their inventory through a popup.
Progress Status:	Deferred
Associated Use Cases:	IRS-1

RS-14: Generate Recommendations

Priority:	1
Description:	The system shall be able to generate recommendations of wines based on user preferences.
Progress Status:	Completed
Associated Use Cases:	RS-1

RS-15: Edit a Shelf

Priority:	1
Description:	The system shall be able to edit the seed wines of an existing recommendation shelf.
Progress Status:	Completed
Associated Use Cases:	RS-9

BS-1: Create XML File

Priority:	2
Description:	The system shall be able to create an XML file storing all information about a user's inventory.
Progress Status:	Deferred
Associated Use Cases:	IS-5

BS-2: Export XML File

Priority:	2
Description:	The system shall be able to allow downloading of an inventory XML file.
Progress Status:	Deferred
Associated Use Cases:	IS-5

BS-3: Upload XML File

Priority:	2
Description:	The system shall be able to upload a given inventory XML file.
Progress Status:	Deferred
Associated Use Cases:	IS-5

BS-4: Make Inventory from XML File

Priority:	2
Description:	The system shall be able to recreate a user inventory using information in an inventory XML file.
Progress Status:	Deferred
Associated Use Cases:	IS-5

Misc-1: Modify Storage Location

Priority:	2
Description:	The system shall be able to modify a storage location's name and picture
Progress Status:	Completed
Associated Use Cases:	IS-3

Misc-2: Modify Wine Attributes

Priority:	2
Description:	The system shall be able to modify a wine's attributes
Progress Status:	Completed
Associated Use Cases:	IS-4

Misc-3: Calculate Average Price

Priority:	3
Description:	The system shall be able to calculate the average price of a particular wine
Progress Status:	Deferred
Associated Use Cases:	IWP-3

Misc-4: Recognize System Abuse

Priority:	3
Description:	The system shall be able to recognize when reviews are inappropriate.
Progress Status:	Deferred
Associated Use Cases:	IWP-2

Misc-5: Remove System Abuse

Priority:	3
Description:	The system shall be able to delete inappropriate reviews.
Progress Status:	Deferred
Associated Use Cases:	IWP-2

Misc-6: Logout User

Priority:	3
Description:	The system shall allow the user to log out.
Progress Status:	Completed
Associated Use Cases:	FP-6