

Wine Information Network

**Requirements**

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**System Requirements Information Tables**

|  |  |
| --- | --- |
|  | Requirements Groupings |
| HP | Requirement for Homepage |
| PP | Requirement for Profile Page |
| S/R | Requirement for Storing and Removing |
| S/S | Requirement for Searching and Sorting |
| Di | Requirement for Displaying |
| RS | Requirement for Shelves of Recommender System |
| BS | Requirement for Backup System |
| Misc | Miscellaneous Requirements |

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

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|  | 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. |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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|  | 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 |

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|  | 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 |

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|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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|  | 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 |

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| --- | --- |
|  | 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 |

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|  | 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 |

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|  | 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 |

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|  | 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 |

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| --- | --- |
|  | 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 |

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|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |

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| --- | --- |
|  | 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 |