*Last Updated: April 20, 2013*

[**USe CASE # REC-1: “Recommendation SysteM”]**

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| Description:  This case outlines the capacity of the system to provide wine recommendations using user entered parameters. |
| Actors:  The user |
| Desired Outcome:  The user shall be able to receive a recommendation based upon their selected criteria and their previous wine ratings. |
| User Goals:  The user wants a recommendation from the system about what wine to drink. |
| Dependent Use Cases:  Use case for creating an account  Use case for logging in  Use case for viewing a wine  Use case for rating a wine  Use case for managing inventory  Use case for system database access |
| Involved Requirements:   * TBD |
| Details:   * **Priority:** 3 * **Progress Status:** Planning * **Test Phase Status:** Planned * **Frequency:** Custom |
| Pre-conditions:   1. The user has created an account and can log in. |
| Post-conditions:   1. The user is displayed the page of the wine they were recommended for the purpose of rating. |
| Trigger:   1. The user selects the “Recommend A Wine” option from one of the available screens. |
| Workflow:   1. The system shall prompt the user for a number of optional inputs to refine the recommendation. 2. The user shall fill in a select number of inputs. 3. The system shall suggest a wine based on the users previous wine ratings and the optional inputs selected by the user. |
| Alternate Paths:   1. N/A |
| Options:  The screen that the user enters the recommendation system from shall pre-define certain features of the recommendation algorithm. For example, if the user enters the recommendation screen from a wine pairing, the recommended wine type will be pre-entered as a filter for the algorithms search. |