

StagBar Use Case Model

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1. View inventory

Use Case Section	Comment
Use Case Name	View inventory
Scope	Stagbar application
Level	user goal
Primary Actor	Inventory manager or regular user
Stakeholders and Interests	User: wants to be able to see an organized, up to date list of all the inventory currently on hand.
Preconditions	First time setup has been performed, populating the database with alcohol on hand.
Success Guarantee	Current inventory is displayed to the user.
Main Success Scenario	1. The user selects the option to view current inventory. 2. The current inventory is displayed.
Extensions	N/A
Special Requirements	N/A
Technology and Data Variations List	N/A
Frequency of Occurrence	Daily

2. View inventory reports

Use Case Section	Comment
Use Case Name	View inventory reports
Scope	Stagbar application
Level	user goal
Primary Actor	Inventory manager or regular user
Stakeholders and Interests	User: wants to be able to view an update, easily readable report on the desired information.
Preconditions	The initial setup has been completed, populating the database with inventory on hand. Some reports will also require that inventory be updated over a long enough period of time depending on the report and the time interval that is desired.
Success Guarantee	The report that is desired by the user is displayed..
Main Success Scenario	<ol style="list-style-type: none">1. The user navigates to the inventory report screen.2. The user is presented with all possible reports and chooses one.3. The chosen report is displayed to the user.4. The user repeats steps 2-3 to view all desired reports.5. The user indicates that they are finished viewing reports and are returned to the main menu.
Extensions	N/A
Special Requirements	N/A
Technology and Data Variations List	N/A

Use Case Section	Comment
Frequency of Occurrence	Weekly as inventory is taken.

3. Print inventory/report

Use Case Section	Comment
Use Case Name	Print inventory/report
Scope	Stagbar application
Level	user goal
Primary Actor	Inventory manager or regular user
Stakeholders and Interests	User: wants to be able to print the inventory report they are viewing immediately, and wants the report to be accurate, well organized, and easily readable.
Preconditions	The initial setup has been completed populating the database with inventory on hand, and the user is viewing the inventory report.
Success Guarantee	The formatted inventory report is printed.
Main Success Scenario	<p>1. While viewing the inventory report, the user indicates that they want to print the inventory report by clicking the associated button.</p> <p>2. The inventory report is printed.</p>
Extensions	<p>2a. An error occurs in printing, which can occur for many different reasons.</p> <p>1. The report is not printed.</p>
Special Requirements	N/A

Use Case Section	Comment
Technology and Data Variations List	The information in the report is formatted in a way that is easily readable for the user and printed on paper.
Frequency of Occurrence	Variable, occurs as often as a physical report is needed.

4. Enter new alcohol

Use Case Section	Comment
Use Case Name	Enter new alcohol
Scope	StagBar application
Level	User-Goal
Primary Actor	Inventory Manager
Stakeholders and Interests	Inventory Manager: wants to add a new brand of alcohol for the system to keep track of.
Preconditions	Inventory Manager is identified and authenticated.
Success Guarantee	New alcohol is added to database and ready to receive inventory and sales updates. The new alcohol will be visible on any new reports generated.

Use Case Section	Comment
Main Success Scenario	<ol style="list-style-type: none"> 1. Inventory manager navigates to designated page to enter new alcohol. 2. System presents form showing required fields for new alcohol entry. 3. Inventory manager selects a category for new alcohol. 4. Inventory manager enters name of new alcohol 5. Inventory manager enters initial weight in ounces and/or bottle count for new alcohol. 6. Inventory manager saves information. 7. System updates database with new information. 8. System informs inventory manager that information is saved 9. System allows inventory manager to enter another alcohol or return to home screen. 10. Inventory manager repeats steps 2-9 until satisfied.
Extensions	<p>*a. At any time user may leave this section</p> <ol style="list-style-type: none"> 1. Any entered information entered is not saved. User will have to re-enter all information if they wish to continue. 6a. User did not fill all required fields <ol style="list-style-type: none"> 1. System displays error to user 2. System highlights erroneous fields 3. System gives user opportunity to correct form. (see step 2)
Special Requirements	N/A

Use Case Section	Comment
Technology and Data Variations List	No additional entry formats considered at this time.
Frequency of Occurrence	Weekly

5. Enter inventory

Use Case Section	Comment
Use Case Name	Enter Inventory
Scope	StagBar Application
Level	User-Goal
Primary Actor	Inventory manager
Preconditions	Inventory Manager is identified and authenticated.
Success Guarantee	System has updated current amounts for select alcoholic beverages to reflect most recent entries. This data will be available to run reports such as identifying inventory discrepancies.

Use Case Section	Comment
Main Success Scenario	<ol style="list-style-type: none"> 1. Inventory manager navigates to designated page to enter inventory. 2. System presents form showing categories available for inventory entry. 3. Inventory manager selects a category for inventory entry. 4. System displays alcoholic beverages under selected category with fields available for user entry of current quantity 5. Inventory manager enters current quantity for an alcoholic beverage. 6. Inventory manager repeats step 5 until satisfied. 7. Inventory manager saves information. 8. System updates database with new information. Any beverages whose fields are left blank are not updated. 9. System informs inventory manager that information is saved 10. System allows inventory manager to choose another category or return to home screen. 11. Inventory manager repeats steps 2-9 until satisfied.
Extensions	<p>*a. At any time user may leave this section</p> <ol style="list-style-type: none"> 1. Any entered information entered is not saved. User will have to re-enter all information if they wish to continue.
Special Requirements	N/A
Technology and Data Variations List	No additional entry formats considered at this time.
Frequency of Occurrence	Weekly

6. Enter alcohol sales

Use Case Section	Comment
Use Case Name	Enter alcohol sales
Scope	StagBar Application
Level	User-Goal
Primary Actor	Inventory manager
Preconditions	Inventory Manager is identified and authenticated.
Success Guarantee	System has updated sold amounts for select alcoholic beverages to reflect most recent entries. This data will be available to run reports such as identifying inventory discrepancies.

Use Case Section	Comment
Main Success Scenario	<ol style="list-style-type: none"> 1. Inventory manager navigates to designated page to enter sales. 2. System presents form showing categories available for sales entry. 3. Inventory manager selects a category for sales entry. 4. System displays alcoholic beverages under selected category with fields available for user entry of sold quantity 5. Inventory manager enters amount sold for an alcoholic beverage. 6. Inventory manager repeats step 5 until satisfied. 7. Inventory manager saves information. 8. System updates database with new information. Any beverages whose fields are left blank are not updated. 9. System informs inventory manager that information is saved 10. System allows inventory manager to choose another category or return to home screen. 11. Inventory manager repeats steps 2-9 until satisfied.
Extensions	<p>*a. At any time user may leave this section</p> <ol style="list-style-type: none"> 1. Any entered information entered is not saved. User will have to re-enter all information if they wish to continue.
Special Requirements	N/A
Technology and Data Variations List	No additional entry formats considered at this time.
Frequency of Occurrence	Daily

7. Retire alcohol/mixed drink

An inventory manager navigates to the retire alcohol screen. The system presents a list of categories to select from. The inventory manager selects a category. The system presents a list of all alcoholic beverages under selected category. The inventory manager selects one or more beverages for deletion. The inventory manager confirms selection. The system retires the selected beverages in the database and removes them from future reports. The system tells the user that the deletion is completed and allows the user to start the process again or return to the home screen.

8. Create user accounts

Use Case Section	Comment
Use Case Name	Create user accounts
Scope	Stagbar application
Level	user goal
Primary Actor	Inventory manager
Stakeholders and Interests	<p>Inventory manager: Wants to be able to quickly and easily create a user account for a new user with the desired permissions associated with it.</p> <p>New user: wants their newly created account to be added to the database promptly so the account can be used as soon as needed. Wants their new account to allow them to perform the actions required for their job.</p>
Preconditions	An administrator account exists with permissions that allow the administrator to create new accounts.
Success Guarantee	A new user account is added to the database with the desired permissions. The user can log in to the new account and use it to perform desired actions.
Main Success Scenario	<ol style="list-style-type: none">1. Inventory manager navigates to page for managing user accounts.2. Inventory manager selects the button for creating a new user account.3. Inventory manager enters the desired

Use Case Section	Comment
	<p>information for the account including a username, password, and permissions.</p> <p>4. Inventory manager indicates that they have completed entering information by selecting the corresponding button.</p> <p>5. The user account is added to the database.</p>
Extensions	<p>*a. At any time user may leave this section</p> <p>1. Any entered information entered is not saved. User will have to re-enter all information if they wish to continue.</p> <p>3a. The inventory manager may enter invalid information</p> <p>1. The information is verified when the inventory manager indicates that they have finished entering information, and if any information is invalid the inventory manager will be forced to repeat step 3.</p>
Special Requirements	N/A
Technology and Data Variations List	N/A
Frequency of Occurrence	Variable; occurs whenever a new user begins using the system.

9. Delete user accounts

Use Case Section	Comment
Use Case Name	Delete user accounts
Scope	Stagbar application
Level	user goal
Primary Actor	Inventory manager

Use Case Section	Comment
Stakeholders and Interests	Inventory manager: Wants to be able to quickly and easily delete a user account. Wants to be certain that the account is completely deleted and a user can't use the account or any information about the account to maliciously regain access to the system.
Preconditions	An administrator account exists with permissions that allow the administrator to delete accounts. At least one other user account exists.
Success Guarantee	A user account is completely removed from the database and the account can no longer be used to access any aspect of the application in any way.
Main Success Scenario	<ol style="list-style-type: none"> 1. Inventory manager navigates to page for managing user accounts. 2. Inventory manager selects the button for deleting a user account. 3. Inventory manager selects the account(s) that they wish to remove. 4. Inventory manager indicates that they have selected all of the accounts that they wish to remove by pressing the associated button. 5. The user account is removed from the database.
Extensions	<p>*a. At any time user may leave this section</p> <ol style="list-style-type: none"> 1. Any entered information entered is not saved. User will have to re-enter all information if they wish to continue. <p>3a. The inventory manager may select no user accounts</p> <ol style="list-style-type: none"> 1. The information is verified when the inventory manager indicates that they have finished entering information, and if any information is invalid the inventory manager will be forced to repeat step 3.
Special Requirements	N/A

Use Case Section	Comment
Technology and Data Variations List	N/A
Frequency of Occurrence	Variable; occurs whenever a user needs to be removed from the application.

10. Alter user permissions

Use Case Section	Comment
Use Case Name	Alter user accounts
Scope	Stagbar application
Level	user goal
Primary Actor	Inventory manager
Stakeholders and Interests	<p>Inventory manager: wants to be able to quickly and easily alter the permissions on an account that already exists.</p> <p>User: wants their newly modified permissions to be available on their account immediately.</p>
Preconditions	An administrator account exists with permissions that allow the administrator to modify permissions on other accounts. At least one other user account exists.
Success Guarantee	The permissions associated with the desired user account(s) are modified in the database and the user(s) can act using their newly modified permissions.
Main Success Scenario	<ol style="list-style-type: none"> 1. Inventory manager navigates to page for managing user accounts. 2. Inventory manager selects the button for modifying permissions. 3. Inventory manager selects the user account that

Use Case Section	Comment
	<p>they want to modify the permissions of.</p> <p>4. The inventory manager makes the desired changes to the selected accounts permissions.</p> <p>5. The database is updated with the newly modified permissions.</p>
Extensions	<p>*a. At any time user may leave this section</p> <p>1. Any entered information entered is not saved. User will have to re-enter all information if they wish to continue.</p> <p>3a. The inventory manager may try to continue without selecting an account.</p> <p>1. The information is verified when the inventory manager indicates that they have finished entering information, and if any information is invalid the inventory manager will be forced to repeat step 3.</p>
Special Requirements	N/A
Technology and Data Variations List	N/A
Frequency of Occurrence	Variable; occurs whenever a user needs to have their permissions modified.

11. Create mixed drink

An inventory manager navigates to the create mixed drink screen. The system displays a form with the required fields for a new mixed drink. The inventory manager enters a name for the new drink. The inventory manager selects an alcoholic component from a list of all alcoholic beverages in the database. The inventory manager enters a quantity for the selected component. The inventory manager repeats the last two steps for all ingredients. The inventory manager saves the drink. The system saves the drink to the database and displays confirmation to the inventory manager. The system offers to allow the user to repeat the process or be sent back to the home screen.

12. Edit mixed drink

An inventory manager navigates to the edit mixed drink screen. The system displays a listing of all mixed drinks in the database. The inventory manager selects a mixed drink to edit. The system displays the drink name and all current ingredients and quantities. The inventory manager can then add new ingredients, remove old ingredients or edit quantities of existing ingredients. The inventory manager saves the drink. The system saves the drink to the database.

and displays confirmation to the inventory manager. The system offers to allow the user to repeat the process or be sent back to the home screen. (See UC 11 for more details on creating a mixed drink).

