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	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. 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	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	*a. At any time user may leave this section 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

4. 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	1. While viewing the inventory report, the user indicates that they want to print the inventory report by clicking the associated button. 2. The inventory report is printed.
Extensions	2a. An error occurs in printing, which can occur for many different reasons. 1. The report is not printed.
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.

5. Enter delivery

Use Case Section	Comment
Use Case Name	Enter delivery
Scope	Stagbar application
Level	user goal
Primary Actor	Inventory manager
Stakeholders and Interests	Inventory manager: wants to be able to quickly and easily enter delivery for each alcohol
Preconditions	An administrator account exists with permissions that allow the administrator to enter delivery for at least one alcohol.
Success Guarantee	The delivery is saved into the database.
Main Success Scenario	1. Inventory manager navigates to designated page for managing data entry. 2. Inventory manager selects the button for entering deliveries. 3. Inventory manager selects the name(s) of alcohol based on their type on the bottom, and the amount for each alcohol at the top. 4. The database is updated with the delivery information.

Use Case Section	Comment
Extensions	*a. At any time user may leave this section 1. Any entered information entered is not saved. User will have to re-enter all information if he/she wishes to continue.
Special Requirements	N/A
Technology and Data Variations List	N/A
Frequency of Occurrence	Weekly.

6. 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	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	*a. At any time user may leave this section
	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

7. Retire alcohol

Use Case Section	Comment
Use Case Name	Retire alcohol
Scope	Stagbar application
Level	user goal
Primary Actor	Inventory manager
Stakeholders and Interests	Inventory manager: wants to be able to quickly and easily retire alcohols.
Preconditions	An administrator account exists with permissions that allow the administrator to retire alcohols.
Success Guarantee	The selected alcohol is marked as "retired" in the database, with retire date assigned to it.
Main Success Scenario	1. Inventory manager navigates to designated page for managing alcohols. 2. Inventory manager selects the button for retiring alcohols. 3. Inventory manager selects the checkboxes of alcohol. 4. The selected alcohol(s) is/are removed from the database.
Extensions	*a. At any time user may leave this section 1. Any entered information entered is not saved. User will have to re-enter all information if he/she wishes to continue. 3a. User has selected alcohol that is active ingredient to mixed drink. Pop-up warning appears, notifying user that retiring that particular alcohol is not possible. 1. User must repeat step 3.

Use Case Section	Comment
Special Requirements	N/A
Technology and Data Variations List	N/A
Frequency of Occurrence	Variable; occurs whenever need arises to retire alcohol(s).

8. 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	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	*a. At any time user may leave this section 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

9. 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	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. 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.
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	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
	information for the account including a username, password, and permissions.
	4. Inventory manager indicates that they have completed entering information by selecting the corresponding button.
	5. The user account is added to the database.
Extensions	*a. At any time user may leave this section
	1. Any entered information entered is not saved. User will have to re-enter all information if they wish to continue.
	3a. The inventory manager may enter invalid information
	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
Technology and Data Variations List	N/A
Frequency of Occurrence	Variable; occurs whenever a new user begins using the system.

10. Change user password

Use Case Section	Comment
Use Case Name	Change user password
Scope	Stagbar application
Level	user goal
Primary Actor	Inventory manager

Stakeholders and Interests	Inventory manager: Wants to be able to quickly and easily change any user's passwords. Guest user: Wants to be able to quickly and easily change own password.
Preconditions	An administrator account exists with permissions that allow the administrator to edit user passwords.
Success Guarantee	The password of a user account is modified in the database, and any attempt by the user to login using the old password will be unsuccessful.
Main Success Scenario	1. Inventory manager navigates to page for managing user accounts. 2. Inventory manager selects the button for changing password. 3. Inventory manager enters the username, old password, new password, and new password confirmation. 4. The old password is no longer associated with the user account in the database, and the new password is associated to the user account in the database.
Extensions	*a. At any time user may leave this section 1. Any entered information entered is not saved. User will have to re-enter all information if they wish to continue. 3a. Inventory manager enters nonexistent username, wrong old password and/or wrong new password confirmation. 1. Pop-up warning will appear, with the system asking the inventory manager to re-enter the relevant information.
Special Requirements	N/A

Use Case Section	Comment
Technology and Data Variations List	N/A
Frequency of Occurrence	Variable; occurs whenever one or more users needs to have his/her password changed.

11. Delete user accounts

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

Use Case Section	Comment
Main Success Scenario	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	*a. At any time user may leave this section 1. Any entered information entered is not saved. User will have to re-enter all information if they wish to continue. 3a. The inventory manager may select no user accounts 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
Technology and Data Variations List	N/A
Frequency of Occurrence	Variable; occurs whenever a user needs to be removed from the application.

12. Edit user permissions

Use Case Section	Comment
Use Case Name	Edit user permission
Scope	Stagbar application
Level	user goal
Primary Actor	Inventory manager
Stakeholders and Interests	Inventory manager: wants to be able to quickly and easily alter the permissions on an account that already exists. User: wants their newly modified permissions to be available on their account immediately.
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	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 they want to modify the permissions of. 4. The inventory manager makes the desired changes to the selected accounts permissions. 5. The database is updated with the newly modified permissions.

Use Case Section	Comment
Extensions	*a. At any time user may leave this section 1. Any entered information entered is not saved. User will have to re-enter all information if they wish to continue. 3a. The inventory manager may try to continue without selecting an account. 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
Technology and Data Variations List	N/A
Frequency of Occurrence	Variable; occurs whenever a user needs to have their permissions modified.

13. Create mixed drink

Use Case Section	Comment
Use Case Name	Create mixed drink
Scope	Stagbar application
Level	user goal
Primary Actor	Inventory manager
Stakeholders and Interests	Inventory manager: wants to be able to quickly and easily create mixed drinks.
Preconditions	An administrator account exists with permissions that allow the administrator to create mixed drinks.
Success Guarantee	The brand new mixed drink is saved into the database.

Use Case Section	Comment
Main Success Scenario	1. Inventory manager navigates to designated page for managing mixed drinks. 2. Inventory manager selects the button for new mixed drinks. 3. Inventory manager types the name desired for the new mixed drinks. 4. Inventory manager checks the checkboxes of ingredients to add ingredients. 5. Inventory manager enters the desired quantity (in ounces/bottles) for each ingredient entered. 6. The database is updated with new mixed drinks. 7. Inventory manager is offered by the system to repeat the process or be sent back to the home screen. 8. Inventory manager may repeat steps 2-7 until satisfied.
Extensions	*a. At any time user may leave this section 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	N/A
Frequency of Occurrence	Variable; occurs whenever need arises for new mixed drink.

14. Edit mixed drink

Use Case Section	Comment
Use Case Name	Edit mixed drink
Scope	Stagbar application

Use Case Section	Comment
Level	User-goal
Primary Actor	Inventory manager
Stakeholders and Interests	Inventory manager: wants to be able to quickly and easily modify ingredients of mixed drinks.
Preconditions	An administrator account exists with permissions that allow the administrator to modify ingredients of drinks.
Success Guarantee	The ingredient content associated with the drinks are modified in the database.
Main Success Scenario	1. Inventory manager navigates to designated page for managing mixed drinks. 2. Inventory manager selects the button for modifying mixed drink. 3. Inventory manager selects the drink that they wish to edit from a dropdown menu. 4. Inventory manager checks/unchecks the checkboxes of ingredients to add/remove ingredients. 5. Inventory manager enters the desired quantity (in liters/bottles) for each ingredient entered. 6. The database is updated with new ingredients for mixed drinks. 7. Inventory manager is offered by the system to repeat the process or be sent back to the home screen. 8. Inventory manager may repeat steps 2-7 until satisfied.

Use Case Section	Comment
Extensions	*a. At any time user may leave this section. 1. Any entered information is not saved. User will have to re-enter all information if they wish to continue. 4a. Inventory manager may try to remove all ingredients from mixed drink. 1. Pop-up warning will occur, warning the inventory manager to leave at least one ingredient behind. Any checking/unchecking done is cancelled by the system
Special Requirements	There must always be at least one ingredient left inside the mixed drink. A mixed drink cannot exist with zero ingredient.
Technology and Data Variations List	N/A
Frequency of Occurrence	Variable; occurs whenever a user needs to have ingredients of mixed drink modified

15. Retire/reinstate mixed drink

Use Case Section	Comment
Use Case Name	Retire/reinstate mixed drink
Scope	Stagbar application
Level	user goal
Primary Actor	Inventory manager
Stakeholders and Interests	Inventory manager: wants to be able to quickly and easily retire/reinstate mixed drinks.
Preconditions	An administrator account exists with permissions that allow the administrator to retire/reinstate mixed drinks.

Use Case Section	Comment
Success Guarantee	The mixed drink is marked as "retired" or "unretired" in the database, depending on its previous status.
Main Success Scenario	1. Inventory manager navigates to designated page for managing mixed drinks. 2. Inventory manager selects the button for retiring/reinstating mixed drinks. 3. Inventory manager selects the names of mixed drink and change each its status into retired or unretired. 4. The database is updated with the selected mixed drink(s) and new status.
Extensions	*a. At any time user may leave this section 1. Any entered information entered is not saved. User will have to re-enter all information if they wish to continue. 3a. User has attempted to reinstate mixed drink with retired ingredients. Pop-up warning appears. 1. User must repeat step 3.
Special Requirements	N/A
Technology and Data Variations List	N/A
Frequency of Occurrence	Variable; occurs whenever need arises to retire or reinstate certain mixed drink(s).

StagBar System

- View inventory (Read-only)
- View inventory reports
- Print inventory
- Enter inventory
- Enter new alcohol
- Enter alcohol sales
- Retire alcohol/ mixeddrink
- Create user account
- Alter user permissions
- Create mixed drink
- Edit mixed drink
- Delete user account

Guest

Inventory Manager