Identify the primary use cases of your app and write a short paragraph describing what the use case covers.

Brainstorming primary use cases

1. Search for a specific drink/recipe
2. Adding ingredients
3. User authentication (user sign in/sign out)
4. Saving recipes
5. Finding help
6. Sharing recipes/drinks/ingredients

**Use Case List**

|  |  |  |
| --- | --- | --- |
| **ID** | **Primary Actor** | **Use Case Title** |
| 0 |  | Searching for a drink/recipe |
| 1 |  | Adding ingredients |
| 2 |  | User authentication |
| 3 |  | Saving recipes |
| 4 |  | Sharing recipes |
| 5 |  | Finding help |

**Sharing recipes:**

“Sharing recipes” use case is a quick way for people to post content from the “Student Drinker” app to Facebook. Users have an opportunity to share either the recipe they like or their own recipe with other Facebook users. It gives users a better experience of using the “Student Drinker” app, by letting other people know they are using the app.

|  |  |
| --- | --- |
| Use Case ID: | 4 |
| Use Case Name: | Sharing a link, posting a recipe on facebook |
| Created By: | Team 9 |
| Date Created: | 10/31/2016 |
| Last Updated By: | Team 9 |
| Date Last Updated: | 10/31/2016 |

|  |  |
| --- | --- |
| Actors: | Users |
| Description: | Repost a link to recipe on Facebook |
| Trigger: | The user clicks on the “repost” button |
| Preconditions: | 1. Internet connection 2. User agreed to a disclaimer and confirmed that they are 21 and older 3. User has selected a recipe and is viewing its personal page or sees it in the results of previous query |
| Postconditions: | A template of the post on Facebook, waiting to be confirmed or edited before that |
| Normal Flow: | 4.0 User has a link to a completed search, a particular recipe, or is performing the search  4.1 User is viewing results of a search or looking directly at a page of a recipe  4.2 User clicks on the “repost” button  4.3 User is redirected to Facebook and is showed the template for the repost message |
| Alternative Flows: | 4.1 User clicks on the “repost” button, but the record is missing   * Could happen if the owner of the recipe deletes the record |
| Exceptions: | 4.1.E.0 The web application displays “Page missing” and once the user clicks “ok”, he returns to the search results page or recipe page  4.1.E.1 Our server fails. Network error displayed  4.1.E.2 User runs out of memory allocated to browser; honestly, there’s nothing we can do here  4.2.E.3 User has to login on Facebook   * If user has an account with our website and it is linked with Facebook account, user can write/edit a message directly from our website * If user does not have an account/has not linked it with Facebook, he/she would be taken to Facebook, see a window with a suggested message for the recipe in the edit stage, ready to be posted |
| Includes: | Authorization use case (optional as users don’t have to be logged in to search drinks via an ingredient)  Authorization for facebook could be used to register a user and link accounts, allowing our website to repost on Facebook |
| Priority: | Medium Priority |
| Frequency of Use: | Likely used once in a few sessions, session length probably averages around 5 minutes |
| Business Rules: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: | Come up with a personalized phrase for each recipe |

**Adding ingredients :**

This use case allows users to add a number of ingredients that he or she has in the fridge. This function is only available to users who have an account on the website. Once ingredients are added, the user will have an option to generate a search with the added ingredients. The goal is to allow users to use saved ingredients in the future for additional searches.

|  |  |
| --- | --- |
| Use Case ID: | 1 |
| Use Case Name: | Adding ingredients |
| Created By: | Team 9 |
| Date Created: | 10/31/2016 |
| Last Updated By: | Team 9 |
| Date Last Updated: | 10/31/2016 |

|  |  |
| --- | --- |
| Actors: | Users |
| Description: | Adding ingredients |
| Trigger: | The user clicks on “add ingredients” button |
| Preconditions: | 1. Internet connection 2. User agreed to a disclaimer and confirmed that they are 21 and older 3. User is at the home page of the web application 4. The user is signed in |
| Postconditions: | 1. A list of added ingredients |
| Normal Flow: | 1.0 User clicks on the “add ingredients” button  1.0 User inputs the name of an ingredient  1.0 Suggested ingredients pop up that match the name of the ingredient  1.0 User clicks on the suggested ingredient that he/she was looking for and adds it to the list  1.0 User repeats the three steps above until done |
| Alternative Flows: | 1.1 User clicks on the “add ingredients” button  1.1 User inputs the name of an ingredient  1.1 Ingredient is not in the list of suggested ingredients; the user is urged to try another ingredient or check the spelling |
| Exceptions: | 1.1.E.0 The web application displays “No matching results” and asks the user to input another ingredient  1.0.E.1 Our server fails. Network error displayed  1.0.E.2 User runs out of memory allocated to browser; honestly there’s nothing we can do here |
| Includes: | Authorization use case |
| Priority: | Medium priority |
| Frequency of Use: | Not that often as the function is only used to save ingredient sets for faster search at a future login. |
| Business Rules: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: | Use search history to establish possible suggested ingredients |

**Saving recipes:**

What’s the point of having this resource if one can not store their favorites? This would save time for the registered users, perhaps unregistered users could be recognized through cookies. It would be useful to be able to save recipes to one’s favorites as a person is looking at a list of search results as well as when looking at a page of a recipe. Also, it would be great to get suggestions based on saved list of recipes, which in turn could be filtered, searched through, saved into lists (if there are themed parties, etc).

|  |  |
| --- | --- |
| Use Case ID: | 3 |
| Use Case Name: | Saving a recipe |
| Created By: | Team 9 |
| Date Created: | 10/31/2016 |
| Last Updated By: | Team 9 |
| Date Last Updated: | 10/31/2016 |

|  |  |
| --- | --- |
| Actors: | Users |
| Description: | Save a recipe |
| Trigger: | User clicks a “save” button |
| Preconditions: | 1. Internet connection 2. User agreed to a disclaimer and confirmed that they are 21 and older 3. User has selected a recipe and is viewing its personal page or sees it in the results of previous query 4. User is signed in |
| Postconditions: | A confirmation of saving a recipe |
| Normal Flow: | 3.0 User has a link to a completed search, a particular recipe, or is performing the search  3.0 User is viewing results of a search or looking directly at a page of a recipe  3.0 User clicks on the “save” button |
| Alternative Flows: | 3.1 User clicks on the “save” button, but the record is missing (Could happen if the owner of the recipe deletes the record |
| Exceptions: | 3.0.E.0 The web application displays “Page missing” and once the user clicks “ok”, he returns to the search results page or recipe page  3.1.E.1 Our server fails. Network error displayed  3.1.E.2 User runs out of memory allocated to browser; honestly, there’s nothing we can do here  3.2.E.3 User has to login on Facebook |
| Includes: | Authorization use case, mandatory |
| Priority: | High Priority |
| Frequency of Use: | Likely used a few times in a session, session length probably averages around 5 minutes |
| Business Rules: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: | Be able to create lists of saved drinks as desired by the users  Be able to categorize the overall list of saved recipes when viewing them |

**Finding Help:**

This use case is a button where the user can press to find customer service information and answers to questions for our web application. After the user presses the button, a new page will show up. On this new page, there will be a section called “Contact Information” where the user can find our email. There will be another section called “About Student Drinker.” This section gives short paragraphs on the background information about the web application and our team. Importantly, there is an “Faq” section too on the page. It is where the users can find frequently asked questions and answers/solutions to those questions.

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| --- | --- |
| Use Case ID: | 5 |
| Use Case Name: | Finding Help |
| Created By: | Team 9 |
| Date Created: | 10/05/2016 |
| Last Updated By: | Team 9 |
| Date Last Updated: | 10/31/2016 |

|  |  |
| --- | --- |
| Actors: | Users |
| Description: | Find help or contact information of the developers |
| Trigger: | A button named “Help/Faq” |
| Preconditions: | 1. Internet connection |
| Postconditions: | 1. A list of sections will show up. E.g. Contact Information, About Student Drinker, Faq, etc. 2. Related info. will be provided under each of their corresponding section for users to read |
| Normal Flow: | 5.0 User scrolls down to the bottom of the page  5.0 User clicks on the “Help/Faq” button  5.0 A new page will show up and user can scroll down to sections for help  5.0 User’s problems are resolved either from the Faq section or they get answers from the developers directly through email. |
| Alternative Flows: |  |
| Exceptions: | 5.0.E.1 Our server fails. Network error displayed  5.0.E.2 User runs out of memory allocated to browser; honestly there’s nothing we can do here  5.0.E.3 User has no internet connection |
| Includes: | Authorization use case (optional as users don’t have to be logged in to find help) |
| Priority: | Medium Priority |
| Frequency of Use: | Occasionally (when users go into problem with “Student Drinker”) |
| Business Rules: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: | Need an email for contacting the developers of “Student Drinker” |

**User Sign In:**

This use case is, simply, a way for users to sign in. If the user is not signed in, the top of the screen will have a “Sign In” link (if they are logged in, this will become a “Sign Out”), which will direct them to a page (or, perhaps, a pop-up) prompting them for their username and password (and a link if they have forgotten their username or password, which will be hashed in a database [I like BLAKE]), or to be logged in through Facebook (with one of those nice Facebook-provided buttons). If they have forgotten their password/username, they can input their email, and an email will be generated to reset the password. If, after 3 login attempts, they cannot, they will be prompted with a forgot password page. If after 9 they cannot, they will be unable to sign in.

|  |  |
| --- | --- |
| Use Case ID: | 2 |
| Use Case Name: | User Authentication |
| Created By: | Team 9 |
| Date Created: | 10/05/2016 |
| Last Updated By: | Team 9 |
| Date Last Updated: | 10/31/2016 |

|  |  |
| --- | --- |
| Actors: | Users |
| Description: | Users can sign in and sign out if they already made an account. |
| Trigger: | A pop-up box will appear for users after clicking the “sign-in” button on the top. The pop-up box will prompt the user for username and password. |
| Preconditions: | 1. Internet connection |
| Postconditions: | 1. Users are signed-in after they entered their username and password correctly 2. Users enter their email if they forgot their password or username |
| Normal Flow: | 2.0 On the top of the page, users click the “sign-in” button  2.0 A pop-up box will show up  2.0 Users enter their username and password  2.0 Users click the Enter button |
| Alternative Flows: | 2.1 Users click the “sign-in” button on the top of the page  2.1 A pop-up box will show up and the users click the Facebook-provided button to sign-in with their Facebook account |
| Exceptions: | 2.0.E.1 Our server fails. Network error displayed  2.0.E.2 User runs out of memory allocated to browser; honestly there’s nothing we can do here  2.0.E.3 User has no internet connection  2.1.E.1 User has no internet connection  2.1.E.2 Our server fails  2.1.E.3 Users don’t have facebook account |
| Includes: | Authorization use case (optional as users don’t have to be logged in to find help) |
| Priority: | Medium Priority |
| Frequency of Use: | Often (for users with accounts on Student Drinker) |
| Business Rules: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: | Need an email and/or Facebook account for creating an account |

**Search by Ingredient:**

This is one of the primary use cases of the app: to search for a drink by the ingredients in your fridge. At this point, this works solely by search bar and autofill, but in the future this may include a list box and filter (sweeter vs bitter*er* drinks, time/cost, etc.). The search will present a list of alcoholic beverages including the one or more ingredients that you have searched for (ingredients can be added or deleted), preferably listed in order of popularity, weighted for user preference (perhaps stored user-side as cookies or server-side if the user is registered). The user can then select the drink of choice, and is directed to a page with the recipe.

|  |  |
| --- | --- |
| Use Case ID: | 0 |
| Use Case Name: | Searching for a drink/recipe |
| Created By: | Team 9 |
| Date Created: | 10/05/2016 |
| Last Updated By: | Team 9 |
| Date Last Updated: | 10/05/2016 |

|  |  |
| --- | --- |
| Actors: | Users |
| Description: | Search by ingredient |
| Trigger: | The user clicks on the search bar |
| Preconditions: | 1. Internet connection 2. User agreed to a disclaimer and confirmed that they are 21 and older 3. User is at the home page of the web application |
| Postconditions: | 1. A list of drinks that contain the searched criteria |
| Normal Flow: | 0.0 User clicks on the “search by ingredient” button  0.0 User inputs the name of an ingredient  0.0 User is presented with a list of drinks that include the searched ingredient |
| Alternative Flows: | 0.1 User clicks on the “search by ingredient” button  0.1 User inputs the name of an ingredient  0.1 Ingredient is not in the list of acceptable ingredients; error displayed |
| Exceptions: | 0.1.E.0 The web application displays “No matching results” and asks the user to input another ingredient  0.0.E.1 Our server fails. Network error displayed  0.0.E.2 User runs out of memory allocated to browser; honestly there’s nothing we can do here |
| Includes: | Authorization use case (optional as users don’t have to be logged in to search drinks via an ingredient) |
| Priority: | Highest priority |
| Frequency of Use: | Likely multiple times per session, session length probably averages around 5 minutes |
| Business Rules: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: | Use search history to establish possible suggested drinks |