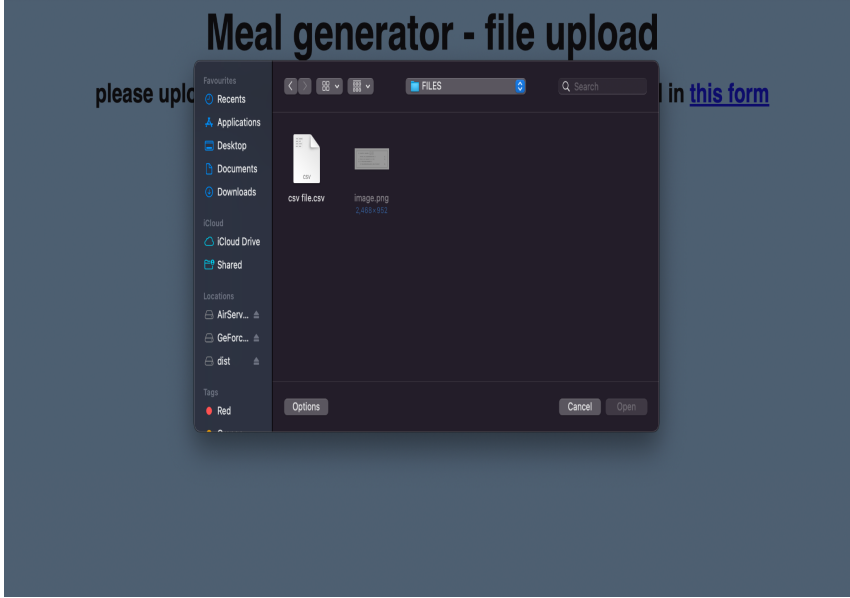
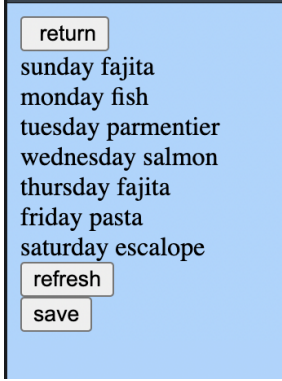



Evaluation of the product

No	Success criteria	evaluation
1	A place where clients can upload csv files.	 <p>Figure 1</p> <p>met: File upload only accepts csv files as a form of validation, the file then gets imported to the database</p>
2	To be able to spit out a meal for each day of the week	 <p>Met:</p> <p>Figure w</p> <p>Each day of the week has a meal associated with it as seen above</p>
3	To be able to be easily understood	<p>Met : Very easy to move from component to component and to over all use the features, usability is fine according to client (APPENDIX A - evaluation of product by client - march 2023)</p>

	and clear (userfriendly)	
4	To be able to redo and ask to remake the menu	 <p>Met: Refresh button completely regenerates the weekly menu with a click of a button</p>
5	Needs to follow the specific conditions provided by the client	Met: Client was overall pleased with the menus generated when running the program as they matched there set conditions (APPENDIX A - evaluation of product by client - march 2023) , It was also met as the conditions provided were coded into the program to ensure this.
6	Can be used by all members of the family	Met: It has very simple design and button functionalities with clear indications and client said the user friendliness is easy (APPENDIX A - evaluation of product by client - march 2023) which ensures it can be used by all members regardless of age or experience with technology
7	Provide different meals for each day of the week	Met: Client rated 8/10 for meal generation as “only being able to provide one category for the meals” (APPENDIX A - evaluation of product by client - march 2023) limits the generation effectiveness and how well the meal plan turns out. However over all unique meals are provided - referring back to figure 2 we can see this.
8	To use the meals from the csv file to make the schedule	Met: No external data was used to generate other then from the csv file or forms submitted by client
9	Have a clear and aesthetic user interface	Need improvement as user rated 7/10 on the “look and feel” and hoped for the design to be more “attractive”. (APPENDIX A - evaluation of product by client - march 2023)

Recommendations for Further Development

One feature that could be implemented is taking into consideration how much family members prefer a meal, providing it with higher weighting and chance of getting chosen due to its favoritism over others. This could be done by the client by adding a new column in the csv file that includes how much family members prefer that meal over others through a numerical value, and the algorithm will take this into account when generating the meals. This would allow for the system to be implemented and for the meal plans generated to be used as they would please the family members' preferences and conditions to a higher extent.

Another feature could include how easy a meal could be prepared, this would allow for the system to take into account the time available for cooking and preparing meals that my client has. This again would be an extra column in the csv file provided by the client that would include the difficulty of preparing the meals by providing a score from 1 - 10. when generating a meal the client would be able to choose the amount of time they have for cooking or if they expect a busy work week ahead which would notify the system to focus on generating meals that are ranked and considered easy to cook .

A third feature that the client said they would have liked to see was to be able to "regenerate meals for specific days " (APPENDIX A - evaluation of product by client - march 2023) rather than the whole week. This stems from the fact that if the client likes a certain meal for a specific day but not for all days, if the client regenerated the meals the meal for the specific day they liked would also be regenerated and lost. This feature would give the option for the client to lock certain days when regenerating meals to ensure that specific meals are kept and not regenerated as well.