

Nielsen's Usability Heuristics Applied to the test of Diet Dash software

Problem ID	Image	Description	Heuristic Breached	Severity	Suggested Solution
1		When the user lands on the Home Page of the Diet Dash software they are greeted with the Welcome to __ and a Button to Start Shopping, there is a description of the usage of the software. There is also a banner of various system statuses such as the battery, connection, logo, time	8. Aesthetic and minimalistic design 10. Help documentation	Cosmetic	- The aesthetic of the design is quite simple in some ways but could use more design tropes such as the rule of thirds, colour, iconography, images, colour scheme- There should be a help button with legal information, customer support, website link, report bug
2		When the user reaches the page the main picture will show the product with a description of the product and then a add to shopping list with the name of product. Navigation buttons with arrows will also be shown as well as the Aisle number where the product is located and a shopping icon which shows the number of item's added	1. Visibility of System Status 5. Error prevention 7. Flexibility and efficiency of use	Major	- The status only shows what has been added in the basket, it does not show how the user ended up in this location, the user also has no need for some side buttons, no obvious back button, no suggested section, button too small- The error's that could occur here are adding too many items and having to go into basket to remove without a remove button here- Lack of clear navigation shortcuts such as quantity
3		When the user first log's in the user is greeted to choose the preferences of the system which will be used to filter products out of the store and alert the user to scanned goods that include the allergen's of diet requirements that are in the product	6. Recognition rather than recall 8. Aesthetic and minimalistic design	Catastrophic	- The system should have pre filtered allergen products and have a quick access sub menu whilst browsing to immediately switch to buy allergenic products in case someone else was with them - The core of the system, tag system should be used with icon's to tell customer's at a glance what are allergens and what are not, the system should switch the visual language specific to the dietary restrictions
4		When the user log's here the all the macronutrient information should be displayed in a clean and presentable ie format with all the core features of calorie tracking front and centre. This includes a bar that shows the calories in and out and how much is left	4. Consistency and Standards	Minor	- The size shape and visual clutter is not the same standard as the rest of the program and may be too complex for certain users to access with, while being too isolated may help certain users it may be too niche to use and develop