

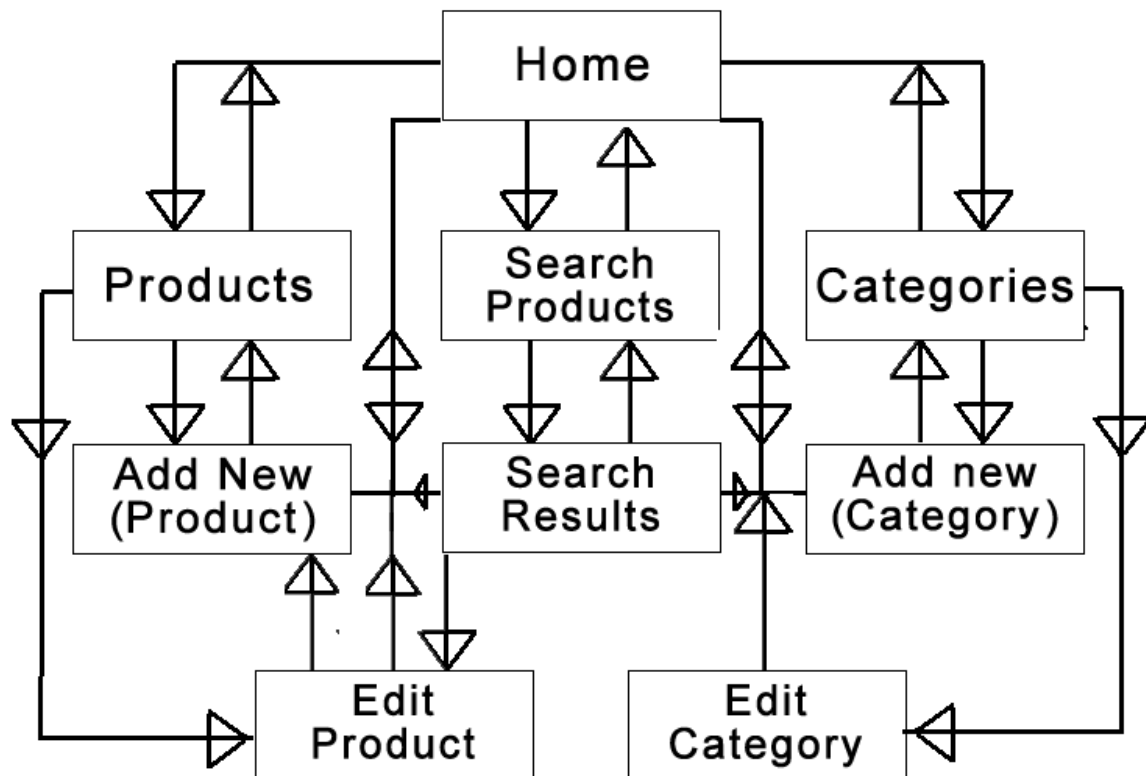
Web App Structure

Navigation (Information Architecture)

I have chosen a multi page design, making use of the Jinja template system for production efficiency. This allows the user to gain familiarity with the application quickly. A pop out menu from the left hand side will detail the applications functionality in full. The site navbar is a link to the dashboard for all pages.

Primary Function

This site is designed to take a collection from the MongoDB database and project information in an easy to manipulate fashion. In this case, the chosen content relates to a music shop inventory. The user can create, update or delete categories or products. As the database information changes, so will the dashboard reflect these changes, through product listing, and category listing.



Interaction Design

- Each area of the web app will be accessible from the dashboard. Designed for maximum efficiency, this allows the user to manipulate products and categories Easily and quickly
- The search function takes a string of words to search the product listing. Each word is searched independently. This allows for specific searches relating to products in specific categories. A “no results found” page allows the user to try search again, browse the products listing, or head back to the dashboard.
- Through search or browsing the product catalogue, an edit button will appear alongside each item. This allows the user to update or delete said product. The delete option is not available on the products page, as this could lead to accidental deletion of crucial information. Both update and delete buttons are coloured and labeled accordingly.
- Th dashboard displays a clear visual representation of all categories and products available. It makes use of interactive charts that can add or remove categories. This allows the user to compare specific categories for more accurate stock checking.