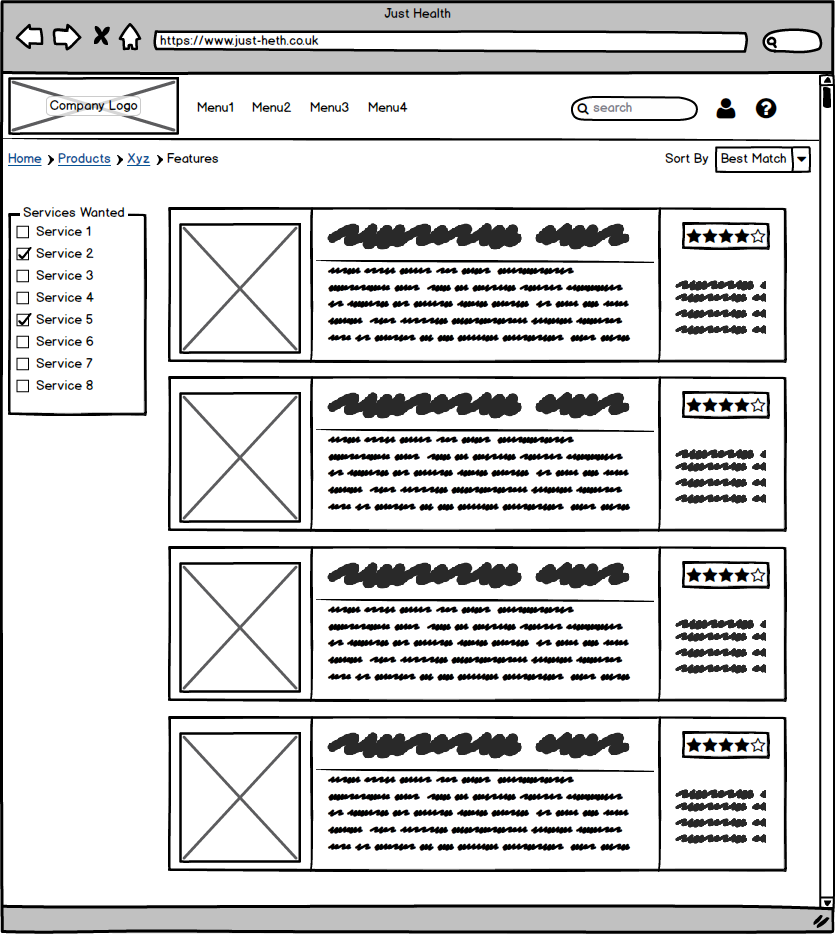
**Web Dev 202 - Angular2 Project**

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**Project Name: JustHealth**

# **Design:**

**The aim of the project is to create a SPA for a website to display a list of Medical Service Providers, with the option of sorting by rating, type or general serach (not in scope**



# Components:

## The components used are listed below, with a brief outline of their use:

* main-page
  + The purpose of the main-page component is to be the base layer for all other sub components for the main page in the project. The index.html file adds the menu as a component and the router-outlet. All elements of the router outlet are managed by this component. It creates all objects and passes them to relevant components for display. It is also used to handle all filter clicks and option changes form a higher level than their own components
* menu-component
  + The menu-component is used to hold the menu and all references to routes
* provider-group
  + The provide-group component is responsible for holding the checkboxes for the service provider groups, to allow users to filter by specific categories. It also binds the click event for the checkboxes to an event emitter
* provider-row
  + The provider-row component draws each provider as a checkbox with whatever properties it needs
* service-provider
  + This component is responsible for drawing the providers. It firstly inserts an order list to allow users to order their results, and then passes the list of providers to the service-provider-row component to draw within the page. This component also catches the change event for the order list, and emits an event to the parent components for action
* service-provider-categories
  + Is responsible for drawing the list of service provider categories as a sub component of the service-provider-row component