Year 12 Computing: Software Development - School Assessed Task   
Part 1 – Data Collection Plan

The data collection methods are:  
Survey: For asking the questions that require a short answer, or to rate (the ‘out of five’ questions)  
Interview: For asking the more detailed questions such as the functions to include on the website, as these questions require a discussion between the developer and the client.  
Reports: Used for research purposes, included in the section below.

**RESEARCH TO DO:**

* *Check the Privacy Policy of other commercial websites.*  
  Privacy Policy regarding collecting information when users are contacting us. The purpose is to identify the social factors regarding the collection of personal information. This will be done through research.  
  Privacy policy regarding returns, delivery.  
  Start with the purpose of this policy, and what the written paper states regarding the website/business itself, the users (potentially readers), and other businesses.

Information to collect from users:

Name, e-mail addresses, enquiry. Rate out of five.

How we hold information collected:Information collected should be saved in a secure place with complex passwords.  
Information should NOT be provided to unauthorized personnel.

Include the following statement or an equivalent:  
By providing your personal information to us, you confirm that you have reviewed this Policy and consent to the collection and use of your personal information as specified.

Include when the privacy policy was last updated

* *What sort of design & development tools and platforms am I using? Why?*   
  Gliffy Diagrams will be used to design the software because it contains all the tools I require to design the website.  
  Atom/visual studio will be used to develop the software, to write the code, as it is not as complicated as other text editors such as NetBeans in regards to saving files, opening folders and changing between one file and another. It also runs quickly
* *What language is the best fit for this sort of software? Why did I choose this language? Can other languages do the same thing?*
* *Research common features/functions/attributes in other commercial websites, such as:*
* *How products are categorized,*
* *What to include in the homepage and the About Us page,*
* *What to include in the header & footer*
* *How the colour levels are used, meaning how dark and light colours are used together to show a nice looking website,*
* *The use of icons and the logo*
* *Special features, and extra things that attract my attention.*
* *Does the user have the ability to edit the data they provide about themselves?*

Events products have there own page  
Products are classified according to gender, age, event, specials, popular and latest arrivals.  
Info about online ordering, latest arrivals and search on Homepage.  
Header & footer include: navigation bar and search panel are always visible. Logo always visible (usually on the navigation bar)  
Each website has there own distinguishable style and colour and they include interactive features and visuals.  
When searching for items, it shows possible products that we’re looking for.  
Easy to change preferences, for example, they are kept on the side of the page at all times.  
Ads about their own products as well as for other websites.  
Using icons instead of words to improve usability.

**QUESTIONS**

1. *Name of the business? Logo? Tagline?*Kitchen Delight. See logo on the side. No tagline
2. *What good or service does your organization provide?*Homemade food.
3. *What is this software about? (Selling stuff, spreading a word, etc.)*The website is about selling homemade food.
4. *What is this software designed for? (purpose)*Advertising and marketing for the homemade food and trying to get customers.
5. *What is your ultimate goal behind this software?*Initially, to get people to buy the products, and eventually, to start a business from it.
6. *Is this software a way for you to communicate with your customers, or others?*Yes, by reviews and a ‘Contact us’ function.
7. *Is there a specific task that you are trying to make easier, faster, cheaper or better with this software?*It is cheaper to advertise online for the business considering that there is no shop to sell in.
8. *Why did you choose to make a website not just do what you want to do on social media?*The client prefers a website from social media because it is more professional, and allows the user to search for items on the menu as well as being able to create a ‘Wishlist’
9. *What sort of users are you targeting?*Gender: All  
   Age: All ages, except very young children)  
   Education level: Mature users.  
   Technical ability: Simple, easy to use, and enough (no complexity)  
   Special needs: No accessibility.  
   Culture: Multicultural.  
   Status: All.
10. *Stakeholders?*The designer & developer   
    My client  
    The customers  
    Website admin
11. *What colours do you want to have?*Mainly red, and the other colours in the logo.  
    (i.e. #FF2C2C  
    #F9E9E9  
    #FFFFFF)
12. *Do you want this website to open quickly and be easy to navigate in? (considering both the internet and the usability of the website)*Yes
13. *Are you willing to have this software to reflect a certain culture?*Multicultural, no specific culture.
14. *What language are we using?*English only.
15. *Exploring the ability of the owner to use, maintain or update the software:*

* *Out of five, with zero being poor and five being excellent, rate your ability to view product ratings and comments written by users.  
  5*
* *Out of five, with zero being poor and five being excellent, rate your ability to understand basic to moderate written code and maintain it.  
  4*
* *Out of five, with zero being poor and five being excellent, rate your ability to add a new product to the website or deleting an existing product.  
  5*

1. *What functions can you and your users perform? What function do you want your website to include?*Add a new product  
   Delete an existing product  
   Rate products  
   Write reviews/comments  
   Contact us  
   A catalogue website  
   A search panel  
   Navigation bar
2. *How much are you willing to pay to putting this website up on the internet for people to use? (Financial constraints)*Not something very fancy or hard to use, but simple and as cheap as possible.
3. *What would you like to include in the product page, meaning the page you get onto when you choose a dish?*Name of product, ID, price, description (or like a brief list of ingredients), photo, reviews.
4. *Where should this website operate? Which browser and which operating system? On what devices?*Browser: cross-browser (many different browsers to work on),
5. *What sort of security measures are you taking to protect the accounts of your users? What are the minimum requirements for a password? Where is the information collected going to be saved? For how long is the data collected going to be stored for?*At least 1 capital letter, 1 lowercase letter, 1 number  
   Two-factor authentication  
   Auto logout after 10 mins of inactivity
6. *What should we include in the About Us page?*A brief description of the business and the food it provides.
7. *What sort of preferences would you include in your catalogue page? How can people filter their options?*

The user should be able to search for items using keywords.

They should be able to apply preferences including: vegetarian/vegan, dairy free, meat, sweets.