Bits & Bytes – Questionnaire

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1. I intend to use a logo to follow a colour scheme for the website. Any preferred colours or existing logos you would like me to consider for the website’s colour scheme?

We would like a Logo and colour scheme for each page / form in the application. However, we don’t have one as yet and would be comfortable with you designing something suitable using paint etc. You can also select the colour schemes.

Please use any colour consistently throughout all pages so a consistent feel is present.

We are far more interested in functionality however – so please make this feature a “nice to have” rather than essential priority.

1. Are there any features that are necessary that will help provide a user-friendly interaction?

We expect the application to avoid making the user unnecessarily click through options or menus when not necessary. We are looking for a slick, user friendly experience that is as efficiently designed as possible

1. Which Systems can be accessed by which user roles?

There should be 2 staff roles – Sales Assistant, Manager.

**Sales Assistant** (access to view customer records, view all orders, makeorders for a customer, register a customers details (customers do not login – they are just listed in the same way stock is listed) , view stock, update stock)

**Manager** all functionality of Sales Assistant plus:

Adding new stock for sale

These next features are a “nice to have” rather than essential priority:

**Manager** should also be able to create new staff users and edit existing (i.e. change details and / or role).

**Manager** can access / run any reports if functionality is present for these

1. Other than the Store Manager and Assistant, are there any other user roles and can they access certain functionality (eg.Admin to manage page, moderator to manage user details)? Or is it just the two.

Only two for now

1. Are there any other systems in place (other than the stock control, sales and member control system), for example a system that allows staff to edit their own/members details, if so which user role can do access these systems

Staff should be allowed to edit a customers details on their behalf. Customers won’t have any direct access

1. Is there a system need to allow the user in control of the stock system to order more products if stock is low, if so, what stock amount would be considered as low

There is no need to “order” stock via this system. Our manual process of ordering stock from our suppliers will suffice for now.

When stock arrives we do need staff to have the ability to update stock counts for these products.

An additional feature that would be “nice to have” (but not essential) is that when stock hits 10 or fewer for any given product – an email is sent to the manager to remind them that we should create an order from the relevant supplier

1. Are there any security measures for staff to log in.

If you have time – it would also be nice to see some kind of multi-factor authentication.

Something like an SMS or Email to double authenticate login is industry standard.

However this is of low priority and not essential. So long as username and password works correctly we are happy

1. What kind of product information and staff information do you need stored

We have provided a sample order form for assistance

In addition, we expect you to utilise common sense / common development approaches. We are open to solutions.

In terms of stock we expect a minimum of:

ProductID, product name, category, price, stock level and any other relevant (image if possible)

Customer: Email + standard user attributes

Staff: StaffID, password + standard user attributes + role, salary, dateHired

Order: OrderId, CustomerEmail, Order Date, Order Total + any other relevant

OrderLines should also be stored with standard attributes

1. What do you mean by customer Id and Membership Id? (e.g.: Do all members have both a customer Id and Membership Id, do all customers who are not a member have a customer Id when they buy a product)

These are mainly references to how our old (inefficient) system operated.

In the new application - Customers should automatically be enrolled as “members” when making a purchase if they haven’t already been registered. For security – all customers who shop at Big Vision must be registered. We do not allow anonymous purchases.

Customers will have an email address (unique) and a membership Id (also unique). Please treat references of Customer Id and Membership ID as one and the same

1. Are there any reports required (e.g. Total orders, total customers, sales for the day, stock reports), if so in what format and who can access them?

This is a nice to have feature and not essential.

However we would like managers to be able to run reports if possible. The formats we would accept are PDF, Excel, word, Any other valid. Your choice.

Reports we would like are:

All orders for a day

All stock that has less than 20 stock count

All orders for a customer

1. Is there any pre-existing date from your database.

We want a fresh start. With this in mind you will be asked to produce sample products / staff members etc to demonstrate the system functionality

1. When does the completed Bits & Bytes System need to be built by?

Design should be complete by 24th March and Coding and Testing should be complete by 26th May

The application needs to be fully completed (including testing and evaluation) ready for launch on Sunday 9th June at the latest (earlier is better)

1. What budget do you have in mind for me to hand you a complete functional system?

£59,000

1. Are there any specific payment methods you want included and excluded (example of payment methods could be cash, bank transfer, debit card, credit card, pay pal, google pay, stripe)

The **minimum** we require is a “simulated” payment system during the initial release of the software - where a form is displayed when a user selects to make their payment which provides the opportunity to input bank card, expiry, account name and ccv number in order to make the order as paid.

Ideally, if possible, we would prefer the system to link into one of the many payment gateway options out there such as Stripe, Paypal or any other relevant vendor

But if there are issues with this then please make sure the minimum is achieved

1. Are there any features that you would like to integrate in the future that will help scale your system?

At this time we are happy with what has been discussed. There are a number of “nice to have” features indicated above and if any / all of these are not present in the first version of the system that we receive we can discuss possible upgrade paths at that point