

# Test Plan

Test	Reason
Add data - Laura Butler	You may need to add data if a new member of staff came to work at the business.
Edit Data - Manager (hourly pay)	Editing data may be used to change any details about the staff members.
Delete Data - Kelsey Pete	You may have to delete data if a member of staff has moved on to a different job etc.
Sort by - Job Title	I will be able to see the jobs in which, the members of staff working at Topshop have to perform.
Sort by - Address 2	I will be able to see easily where a certain member of Topshop staff lives.
Search for - Members of staff that live in Bridgend	You are able to see the members of staff that live in Bridgend.
Search for - Sales Assistants	I will be able to see what members of Topshop staff have to perform this certain role.
Complex search for - Cleaners who live in Bridgend	Able to see the members of staff that have this job title working in the area.
Complex search for - Managers and Assistant Managers	See the people who perform there job titles.

Test Plan for the Database.

<u>Number</u>	<u>Action</u>	<u>Reason</u>	<u>Expected results</u>	<u>Results</u>
1	Query 1 (simple search for surnames.)	To check information on members who have forgotten their cards.	All information for that member should appear.	All information on that member appeared.
2	Query 2 (simple search for membership numbers.)	The details of the member will appear on screen when they want to rent a game.	All information for that member should appear.	All information on that member appeared.
3	Query 3 (complex search for members from Treorchy who have rented out a total of over 10 games and currently have 3.	I want to know how popular the shop is in the nearby area.	Two results should appear.	Two results appeared.
4	Query 4 (complex search for female members who have rented out more than 4 games.	I want to know how interested girls are in the shop.	One result should appear.	One result appeared.
5	Sort 1 (ascending membership number.)	I want the database to be more organized.	The lowest membership number should appear first and the highest last.	The lowest membership number appeared first and the highest last.
6	Sort 2 (descending total number of games rented.)	I want to know which members have rented the most games.	The member that rented the most games should be at the top of the list.	The member that rented the most games was at the top of the list.
7	Change the name of member 114 from Tom to Thomas.	The name was entered incorrectly.	The name should be changed.	The name was changed.
8	Delete the record for member number 112.	The member is moving away and does not wish to remain in the club.	The record should be deleted.	The record was deleted.

# Xenos Games

Prosiect gan Adam Thomas: Siop gêmiau cyfrifiaduron "Xenos Games"

## Plan Profi

### **Prawf #1: Newid & Dileu**

Mae Mr. Xenos wedi sylwi ar gwpl o gamgymeriadau yn y databas. Yn gyntaf, mae Sam Samson yn gweithio i'r FBI ac wedi gorchmynnu i Mr. Xenos dynnu pob gwybodaeth amdano o'i ddatbas, ac felly mae rhaid dileu'r record. Yn ail, wrth fynd trwy'r hen recordiau eto, sylwodd Mr. Xenos fod Professor Branestawm yn byw yn rhif 222 Pagwell Main Street, nid 333, felly mae rhaid newid y record.

### **Prawf #2: Sort**

Er mwyn gweithio allan faint o gwsmeriaid a brynodd eu copïau o Xenophobia ar ôl 23 Ionawr 2005, mae Mr. Xenos eisiau gwneud sort ar y data fel bod y dyddiadau 'recent' ar dop y restr o gwsmeriaid.

### **Prawf #3: Query Syml**

Mae Mr. Xenos am ffeindio allan pwy sydd ddim wedi talu er mwyn anfon llythyr iddynt. Yn sgil hyn, rhaid gwneud query ar y field 'Paid?' i edrych am recordiau a ddywedai 'No'.

### **Prawf #4: Query Cymhleth #1**

Mae Mr. Xenos eisiau ffeindio allan cyfeiriadau'r rhai sy'n byw yn Smallville, USA, er mwyn anfon llythyr o flinder (apology). Pan anfonodd e'r gêm i'r bobl yna, mi roedd problem efo'r broses postio, a cyrhaeddodd y gêm wythnos yn hwyrach nag arfer. Yn sgil hyn rhaid gwneud query 'City/County: Smallville' And 'Country: USA'.

### **Prawf #5: Query Cymhleth #2**

Mae Mr. Xenos eisiau ffeindio allan pwy a brynodd copïau o'r gêm ar 27/09/2004 ac 05/05/2005, gan fod frysau wedi ymosod ar ei gyfrifiadur y diwrnod hynny, ac fe all Mr. Xenos anfon copïau newydd iddynt. Rhaid gwneud query 'Purchase Date: 27/09/2004 Or 05/05/2005'.

<b>Task</b>	<b>Reason</b>	<b>Expected Result</b>		
<b>Insert a record</b>	If a new member joins the class.	Were 30 records, now 31	31 Records	Inserting a record proved successful.
<b>Insert a field</b>	The member's Age.	Were 15 fields, now 16	16 Fields	Inserting a field proved successful.
<b>Amend a record</b>	If the member moves house there will be a change of Address.	30 records	30 Records	Amending a record proved successful.
<b>Delete a record</b>	If a member decides to leave the class for good.	Were 30 records, now 29	29 Records	Deleting a record proved successful.
<b>Graph</b>	To show the weight range of the class members.	There will be a wide spread of weights.	There is a wide spread of different weights.	My Graph proved successful.
<b>Simple Search</b>	To find member's who actually live in Ystrad Mynach and their Telephone numbers	11 records	The results from my Simple search show that there are 11 Records which fits the criteria.	My Simple Search proved successful.
<b>Sort</b>	Putting members in order of when they joined the class.	The 1 <sup>st</sup> date to be 18/10/2001 and the last date to be 04/10/2004	The dates are as a specified in my expected result. 18/10/2001 and 04/10/2004	My Sort proved successful.
<b>Complex Search</b>	I wanted to find all the member's with an Aimed Target Weight of less than 130 Kgs and have no medical problems.	5 records	The results of my Complex Search show that there are 5 Records which fit this criterion.	Complex Search proved successful.