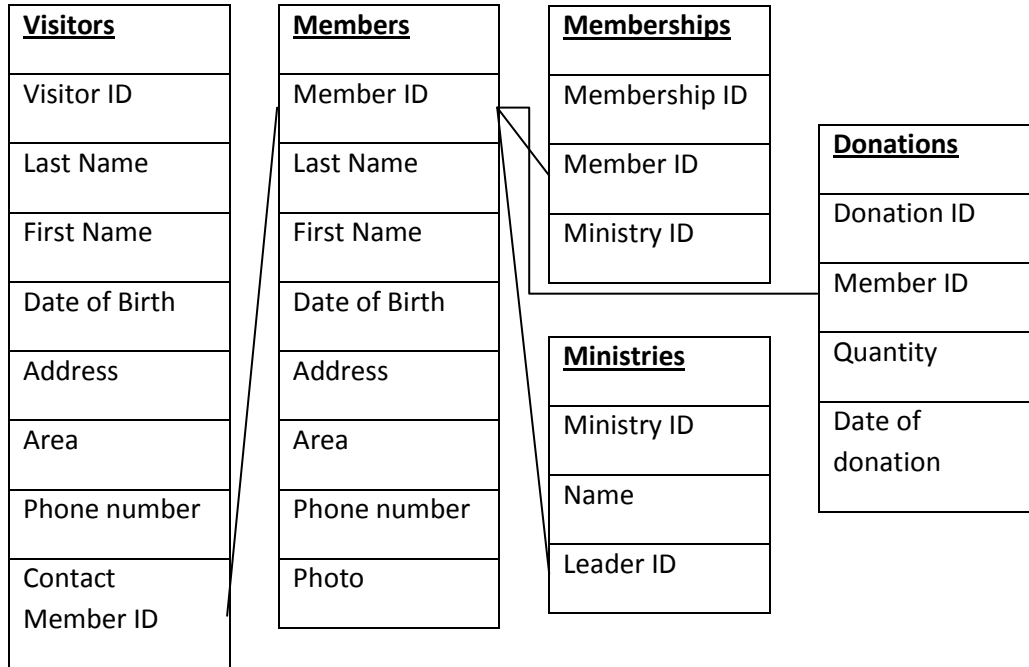


Criterion D: Product design—Overall structure

Tables:



| <u>Members</u> | | |
|----------------|------------|------------|
| Member ID | Autonumber | |
| Last Name | Text | Required |
| First Name | Text | Required |
| Date of Birth | Date/Time | |
| Address | Text | |
| Area | Text | |
| Phone number | Number | Input Mask |
| Photo | Image | |

| <u>Visitors</u> | | |
|------------------------|------------|------------|
| Visitor ID | Autonumber | |
| Last Name | Text | Required |
| First Name | Text | Required |
| Date of Birth | Date/Time | |
| Address | Text | |
| Area | Text | |
| Phone number | Number | Input Mask |
| Contact Member | Number | Required |

| <u>Memberships</u> | | |
|---------------------------|------------|----------|
| Membership ID | Autonumber | |
| Member ID | Number | Required |
| Ministry ID | Number | Required |

| <u>Ministries</u> | | |
|--------------------------|------------|----------|
| Ministry ID | Autonumber | |
| Name | Text | Required |
| Leader ID | Number | Required |

| <u>Donations</u> | | |
|-------------------------|------------|----------|
| Donation ID | Autonumber | |
| Member ID | Number | Required |
| Quantity | Currency | Required |
| Date | Date/Time | Required |

Forms (all created in Microsoft Office Word):

Sample Members form

IGLESIA LUZ Y VERDAD

Logo

Members

Last Name

Name

Date of birth

Phone number

Address

Area

Photo

IGLESIA LUZ Y VERDAD

Logo

Visitors

L Name

Name

Date of Birth

Phone Number

Address

Area

IGLESIA LUZ Y VERDAD

Logo

Ministries

Name

Leader

IGLESIA LUZ Y VERDAD

Logo

Donations

Member ID

Quantity

Date

IGLESIA LUZ Y VERDAD

Logo

Memberships

Member ID

Ministry ID

Internal structure

List of resources and techniques

| Resources | Details |
|-----------|---|
| Data | All data and images provided by Pastor Melgar |

| Techniques | Details |
|------------------------|---|
| Use of graphics fields | Entering images into the form and database, and resizing them to use the space better |
| Use of relationships | Relating fields to primary keys for easier access and less redundant data |
| Validation | Checking the number of telephone number digits, format, date format and data presence. |
| Reports and forms | Use of forms to insert data into every table and reports to be printed off every month from every table |
| Use of queries | An estimate of two or three queries per table to make search easier |
| Several data types | Text, numbers, dates and graphics |

Test plan

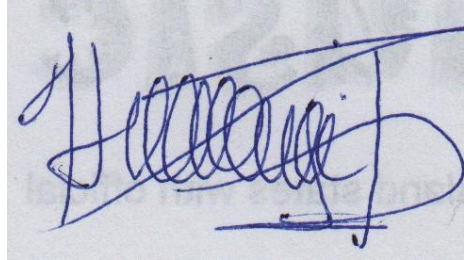
| Test item | Test data | Part of system tested | Expected outcome | Actual outcome | Comments | Ref in product |
|--|--|---|---|----------------|----------|----------------|
| Cover page testing – REQUIRED ELEMENT FOR CRITERION G | | | | | | |
| Web pages load from the cover page in three different | File naming to ensure home page is called Index.htm | Links on cover page are relative | Loads as required from 3 different locations | | | |

| | | | | | | |
|------------------------|--|------------------|--|-------|--|--|
| locations | | | | | | |
| Product testing | | | | | | |
| Fields | Valid or invalid data where appropriate | Input data | Valid or invalid | Works | | |
| Queries | Display of correct fields | Query | Correct fields when sought | Works | | |
| Forms | Correct input of data | Form | Data is in the right table in the right format | Works | | |
| Reports | Data is presented correctly | Report | Correct calculations and presentation | Works | | |
| Relationships | Relationships are correctly placed | Relationship | Fields link to tables successfully | Works | | |
| Switchboard | Switchboard is in order and buttons work | Form/Switchboard | Switchboard buttons work correctly | Works | | |

Agreement of client

I confirm that the requirement specification meets my needs and the designs above are appropriate for the creation of the product.

(Client)

A handwritten signature in blue ink, appearing to be 'H. M. J.', written on a light-colored background. The signature is stylized and somewhat cursive.