**Final Project**

**In**

**INTSDEV**

Submitted by:

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MI-121

**Military Ordinariate of the Philippines**

**About MOP**

The Military Ordinariate of the Philippines or MOP is a personal diocese of men and women in uniform or for the different branch of service. The said branch of service includes the Armed Forces of the Philippines (A.F.P.), Philippine National Police (P.N.P.), Bureau of Jail Management and Penology (B.J.M.P.), and the Philippine Coast Guard.

[**Armed Forces of the Philippines**](http://en.wikipedia.org/wiki/Armed_Forces_of_the_Philippines) **(AFP)**

This branch of the government is dependent to the Military Ordinariate of the Philippines as its own diocese. Also, it is one of the main branches of service that the diocese is handling. It is a volunteer force that is composed of three major branches: Philippine Army, Philippine Navy, and the Philippine Army. All under the Armed Forces of the Philippines is privileged to store their personal data including their Baptism, Confirmation and Wedding Certificate thus making the data secured and stored in one unique file system which is in MOP.

**Philippine National Police (PNP)**

This is the civilian national police force of the Philippines that aims to protect civilians and enforce the law. PNP is also part of the main dependent organization of the Military Ordinariate of the Philippines. All of the personal files of these men including their Baptism, Confirmation and Wedding Certificates are all going to be taken care of the Military Ordinariate of the Philippines.

**Philippine Coast Guard**

This government organization provides armed and uniformed service and also enforces law within Philippine waters. As one of the main branch of the Military Ordinariate of the Philippines it is also one of the main dependent branch of government that needs the service of MOP when it comes to the storage of Baptism, Confirmation and Wedding Certificates which are all important files.

**Bureau of Jail Management and Penology**

Is a branch of government that concerns the jail management and penology problems. This organization will need the services of the Military Ordinariate of the Philippines for the handling of Baptism, Confirmation and Wedding Certificates which is all-known as important and confidential files.

**Project Statement Form**

**Contact Information**

|  |  |  |
| --- | --- | --- |
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**Stake Holders**

**Team MOP**

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**Users**

The target users would be the employees under the Military Ordinariate of the Philippines (MOP) chancery office and the staff of each military chapel’s nationwide. The said staff will be those who will be using the system.

**Project Objectives**

**Short Term**

1. Make work fun less stressful.
2. It ordinates a system that will help their work much easier and less tedious. Also to give the client less worries to their system by making everything computerized.
3. For a more reliable and convenient data storage.
4. The data that the system will be collecting is going to be more reliable in a way that it will be stored in one place for the convenience of the employees and reliability.
5. Improved data availability and accessibility.
6. Different data is available throughout the system and data that will be stored will be improved by having all of it stored together and every time that new data is sent it will be kept immediately for it to become available more often.

**Long Term**

1. By bringing people together this means that every time they submit their personal data they are immediately affiliated with the Military Ordinate of the Philippines that is the reason for bringing people closer to the ordinariate.
2. No liabilities will be included after the system is done. Since this is a project made by BSIT students and only for the purpose of learning, there will be no cost of maintenance included. However, if there will be a time that the system will malfunction then the developers must help the client fix the system to keep it running and functioning.

**Success Factor**

**Short Term**

We can say that the project is successful if we meet the following requirements:

1. If the project is working and will bring more efficiency to the client and make every transaction much simpler and faster.
2. If all data that the system receive is reliable and convenient for the users of the system.
3. If the data holding the system can be accessed by the different chaplains nationwide.

**Long Term**

We can say that the project is successful for a long term if we meet the following requirements:

1. If the created system will be used for every transaction that the client will make.
2. If it brings much more convenience to the users than the old manual transactions.
3. If it can generate enough revenue to maintain the system.

**Vision Scope**

1. **Business Requirements**
   1. **Background, Business Opportunity, and Customer Needs**

The Military Ordinariate of the Philippines or MOP is a personal diocese of men and women in uniform or for the different branch of service. The said branch of service includes the Armed Forces of the Philippines (A.F.P.), Philippine National Police (P.N.P.), Bureau of Jail Management and Penology (B.J.M.P.), and the Philippine Coast Guard. MOP keeps an extra record of the certificates from all of the Catholic Chapels of the different branch of service. MOP staff can release, produce, or modify a certificate only if the client’s records are missing within their respective chapels. Before any process is done, MOP staffs first finds the records of the client to their pile of record books before the certificates or record is produced or edited.

With the use of the MOP Chancery Certificate Storage System, MOP Chancery staff as the admin user can easily list, modify, or print the desired records of their respective clients. Instead of searching into their record books, which is time consuming, they can just easily search for the records in the system by putting some information about the client and the system will list all related records to the user’s inputted information. The staffs of the military chapels as the regular users are enabled to view the system records of their respective chapel and print the desired record. The regular users can also notify the other users, if requested by the client, for them to be able to view the record of a client.

* 1. **Business Objectives and Success Criteria**

|  |  |
| --- | --- |
| BO – 1 | Decrease the time consumed in searching for the records of the clients by 60-70% within the first 6 months following the initial release. |
| BO – 2 | Different military chapel staffs are enabled to immediately print the requested certificate of the client instead of encoding first the record to produce the certificate. |
| BO – 3 | MOP staff can list specific details stored in the system. |
| SC – 1 | MOP staff will increase the productivity rate by 60% - 80%. |
| SC – 2 | Workloads will be down by 40% - 50%. |

* 1. **Business Risks**

|  |  |
| --- | --- |
| BR – 1 | MOP staff will not be able to access the MOP Chancery Certificate Storage System when they cannot login the system. |
| BR – 2 | The system might not be able to access when the computers or servers are suddenly down. |
| BR – 3 | Records are accessible by all employees that can access the system and records can be modified by anyone accessing the system. |

1. **Vision of the Solution**
   1. **Vision Statement**

MOP Chancery Certificate Storage System is a database system that will allow the users of the Military Ordinariate of the Philippines to store, modify, print, view or search all necessary data required for issuing the requested certificates (Baptismal and Confirmation) and marriage contract of the person under all Catholic Chaplains in active Military, Police, Coast Guard Service, and Bureau of Jail Management and Penology. Using the MOP Chancery Certificate Storage System, their work process will be more efficient and the employees will be more productive in terms of processing the data into more useful information.

* 1. **Major Features**

|  |  |
| --- | --- |
| FE - 1 | Allows adding of new records to the system |
| FE - 2 | Enables the admin users to edit the existing records |
| FE - 3 | Users (both admin and regular) are enabled to print the selected records |
| FE - 4 | The system is enabled to display more detailed viewing of the records |

* 1. **Assumption and Dependencies**

|  |  |
| --- | --- |
| AS – 1 | The system will be available anywhere with the use of the internet and only exclusive to the staff of MOP chancery and the staffs of the different military chapels to operate. |
| AS – 2 | Data within the system is secured because the staff of MOP chancery and the staffs of the military chapels are the only one that could access the system. |
| AS – 3 | To make sure that the system will be secured, the system will have a login function to prevent data attacks and user verification. |
| DE – 1 | The system is only accessible via internet |

**3. Business Context**

* 1. **Stakeholder Profiles**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Stakeholder | Major Value | Attitudes | Major Interest | Constraints |
| MOP Chancery Chief | Less tedious work and increased productivity. | Committed to give service as the workload will be much easier to deal with. | To access and view the data inside the system. |  |
| MOP Chancery Employees | Less tedious work and increased productivity. | Committed to give service as the workload will be much easier to deal with. | To make data more reliable to report within the system. |  |
| Military Chapels Employee | Less tedious work and increased productivity. | Committed to give service as the workload will be much easier to deal with. | To acquire the records of their client within the system. | Can only access the records covered by their respective chaplains. |

**Event Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Event | Trigger | Source | Activity/Use Case | Response | Destination |
| Creation of Documents | Client sends the filled-out registration form or the marriage license | Client | Filled-out registration form or marriage license will be received | The church/chapel staff now keeps the filled-out registration forms or marriage license | Church/Chapel files |
| Storing of Documents | Church/Chapel employees waits for the event day to process the requested document | Church/Chapel | Church/Chapel holds the record until the day of event | Church/Chapel stores the document and gives it to the MOP chancery annually to be recorded | Church and System |
| Requesting a certificate | Client goes to the designated church/chapel for the request | Client | Certificate is requested | Client waits for the church/chapel staff with the request | Church/Chapel |
| Searching of records | Church/Chapel employee search for any record | System | Records will be searched and confirms it afterward if it is from the client | Client confirms the record that it came from him/her | Church/Client |
| Producing the certificate | New certificate copy | System | Producing of the requested certificate | Printing of the requested certificate | Church/Chapel |
| Updating of records | The church/chapel sends the data from the client to the MOP Chancery for update | Church/Chapel  /Client | The required documents for update must be presented to confirm any update | The MOP Chancery updates the record | System |

**Use Case**

**Brief Format**

1. **Creation of documents**

Any client must fill out the registration form for Baptism and Confirmation in order for them to get the certificates they desire. In addition to that, if the person or couple is getting married, they must get an application for marriage certificate, license, and notice to obtain their marriage contract.

1. **Storing of documents**

The church holds the filled up registration form and marriage license requirements and waits the day of the event to process the required certificate. All data gathered is stored in the system annually.

1. **Requesting a certificate**

A client goes to one of the military chapels and asks for a certain certificate.

1. **Searching of records**

The person in-charge in the church searches for the records of the client in the system. Once the record is found, the person in-charge verifies to the client that the record is correct, if correct go to no. 5, if records needs to be updated go to no. 6.

1. **Producing the certificate**

The person in-charge prints the requested certificate of the client.

1. **Updating the records**

The person in-charge sends the client to the MOP chancery to update the records. The client must submit an affidavit of discrepancy, birth certificate and the request for correction coming from the chapel. Once the client submits it, the staffs of the chancery will update the records of the client in the system and will issue a certification that the record has been corrected. When the record is corrected, it can now be printed.

**Casual Format**

1. **Creation of Documents**

**Main Success Scenario:**

The client only needs to fill-out a registration form to create a document for Baptism and Confirmation. Moreover, there is a different process with regards to getting the marriage contract as the couple needs to get an application form for marriage certificate, license, and notice to their nearest city hall before getting a registration form that creates the document.

Alternate Scenarios:

* If the client asked for a document and did not have any record from Baptism or Confirmation, then the client must get a registration form from the church where the event was or will be held.
* The couple who would like to get their marriage certificate must provide an application form for marriage license to their respective city hall to create the document and eventually record their data.

1. **Storing of Documents**

**Main Success Scenario:**

Registration forms that are filled-out will be stored annually to the MOP Chancery. The said forms for Baptism, Confirmation and Wedding will be kept in the church and will be released only if the records are to be stored in the system.

Alternate Scenarios:

* If the client filled-out an incomplete registration form, then the transaction will be automatically forfeited.
* In the event where the data is lost the owner of the record must fill-out another registration form for Baptism and Confirmation while give another marriage license to create another record for the Wedding.

**3. Requesting a certificate**

**Main Success Scenario:**

The client will request the desired certificate from the chapel.

Alternate Scenarios:

* If the client could access the internet then it is possible to obtain the desired document with the authorization of the administrator.

**4. Searching of records**

**Main Success Scenario:**

The person in-charge in the church searches for the records of the client in the system. Once the record is found, the person in-charge verifies to the client that the record is correct, if correct go to no. 5, if records needs to be updated go to no. 6.

Alternate Scenarios:

* If the specification described by the client is not on the record it automatically tells the client must consider checking the information that he/she gave before requesting.
* The person in-charge list multiple values based on the description given by the client.

**5. Producing the certificate**

**Main Success Scenario:**

The employee that is in-charge shall print the document thus producing the desired document.

Alternate Scenarios:

* The personnel assisting the client mistakenly print another certificate other than the request of the client thus having data redundancy.
* If the server suddenly fails, it prompts the user that the data received is not complete and must get the file again to receive the data desired.

**6. Updating the records**

**Main Success Scenario:**

The person in-charge of the church sends the client to the MOP Chancery to perform record updates. The client would need an affidavit of discrepancy, a birth certificate and a copy of the chapel request to be able to update the current record. Once the client submitted the requirement then that is the time the staff of the chancery update the records of the client and will issue a certification that the record has been corrected. When the record is corrected, it can now be printed.

Alternate Scenarios:

* If the client fails to submit an in any of the requirements for the update then the entire process will be forfeited.
* Any request for record updates will be finalized after the client submits the mandatory requirements.

**Fully-Dressed Format**

1. **Creation of documents**

**Primary Actors:** Church Secretary

**Stakeholders and Interests:**

* Church Client: Gives thedata recorded in the system.
* Church Secretary Gets the record of the client.
* MOP Chancery staff Add and updates of the record of the clients. Prints the record if needed.

**Preconditions:** Church secretary is identified and authenticated.

**Success Guarantee (Postcondition):** Data is kept for record storing.

**Main success scenario (or basic flow):**

|  |  |
| --- | --- |
| **Actor Intention** | **Client Responsibility** |
|  | 1. The client signs up for registration of baptismal and confirmation. Or the client gives the application for marriage certificate, license, and notice to the secretary for the marriage contract. |
| 1. The secretary receives the documents created by the client. |  |

**Extension (or Alternate flow):**

1. If the civilian employee asked for a document and did not have any record from Baptism or Confirmation, then the client must get a registration form from the church where the event was or will be held.
2. The couple who would like to get their marriage certificate must provide an application form for marriage certificate, license, and notice to their respective city hall to create the document and eventually record their data

**Special Requirements:**

* Computer Hardware

**2. Storing of documents**

**Primary Actors:** Church Secretary

**Stakeholders and Interest:**

* Church Secretary Keeps the record of the client.
* MOP Chancery staff Add and updates of the record of the clients. Prints the record if needed.

**Preconditions:** Church secretary is identified and authenticated.

**Success Guarantee (Postcondition):** Gathered data is kept in the church and data will be annually stored in the system.

**Main success scenario (or basic flow):**

|  |  |
| --- | --- |
| **Actor Intention** | **System Responsibility** |
| 1. The secretary assigned in the church will keep the data of its clients and will store it in the system annually. |  |
|  | 1. The system stores all records kept by the chapels. |

**Extension (or Alternate Flow):**

1. If the client filled-out an incomplete registration form, then the transaction will be automatically forfeited.
2. In the event where the data is lost the owner of the record must fill-out another registration form for Baptism and Confirmation while give another marriage license to create another record for the Wedding.

**Special Requirements:**

* Computer Hardware

1. **Requesting a certificate**

**Primary Actors:** Church Client

**Stakeholders and Interests:**

* Church Client Requests for certificate and requests for updating the record.
* Church Secretary Access the system and views the records of the system.
* MOP Chancery Staff Add and update of the records of the client. Prints the record of necessary.

**Preconditions:** Church client is identified and authenticated.

**Success Guarantee (Postcondition):** Records in the system is viewed by the staffs either in the church or in the MOP Chancery.

**Main Success Scenario (or Basic flow):**

|  |  |
| --- | --- |
| **Actor Intention** | **Client Responsibility** |
|  | 1. The client request of his/her certificate in the church. |
| 1. The secretary accepts the request of the client. |  |

**Extension (or Alternate flow):**

1. The client could go directly to the MOP Chancery to get the certificate instead of going first to church.

**Special Requirements:**

* Computer Hardware
* Database Server

1. **Searching of records**

**Primary Actors:** Church Secretary

**Stakeholders and Interest:**

* Church secretary Searches the system for the records of the client.
* MOP Chancery Staff Add and updates of the record of the clients. Prints the record if needed.

**Preconditions:** Church secretary is identified and authenticated.

**Success Guarantee (Postcondition):** Records in the system is viewed by the church personnel.

**Main Success Scenario (or Basic flow):**

|  |  |
| --- | --- |
| **Actor Intention** | **System Responsibility** |
| 1. The secretary or person in-charge to the church are enabled to view the records stored in the system. |  |
|  | 1. The system lists the records according to the given description of the client. |
| 1. The secretary confirms if the record is correct. If correct, the secretary prints the certificate. If not correct, the secretary will request the client to go to the MOP Chancery for the update of records. |  |

**Extension (or Alternate flow):**

1. The records of the client could not be found annually updating of the system.
2. The personnel list multiple values based on the description given by the client.

**Special Requirements:**

* Computer Hardware
* Database Server

1. **Producing the certificate**

**Primary Actors:** Church Secretary person in-charge

**Stakeholders and Interests:**

* Church Secretary Prints the records requested by the client
* MOP Chancery Staff Add and updates the records of the system. Prints the records if necessary.

**Preconditions:** Church secretary is identified and authenticated.

**Success Guarantee (Postcondition):** The church personnel view and prompt the admin user that he/she will print a record.

**Main Success Scenario (or Basic flow):**

|  |  |
| --- | --- |
| **Actor Intention** | **System Responsibility** |
| 1. The personnel assisting the client prints the requested certificate of the client |  |
|  | 1. The system connects to the database and gets the selected certificate of the user. |
| 1. The personnel assisting the client can now print the certificate coming from the system. |  |

**Extension (or Alternate flow):**

1. The personnel assisting the client mistakenly print another certificate other than the request of the client thus having data redundancy.
2. If the server suddenly fails, it prompts the user that the data received is not complete and must get the file again to receive the data desired.

**Special Requirements:**

* Computer Hardware
* Database Server

1. **Updating the records**

**Primary Actors:** MOP Chancery Staff

**Stakeholders and Interests:**

* Church Secretary The personnel direct the client to the MOP Chancery office for the update of the record.
* Church Client The client goes to the Chancery office to inform the staff about the updating of records.
* MOP Chancery Staff Updates the record of the client in the system.

**Preconditions:** MOP Chancery Staff is identified and authenticated.

**Success Guarantee (Postcondition):** The user views and updates the record of the client.

**Main Success Scenario (or Basic flow):**

|  |  |  |
| --- | --- | --- |
| **Actor Intention** | **Client Responsibility** | **System Responsibility** |
|  | 1. The client goes to the MOP Chancery and gives the requirements for the update of the records. |  |
| 1. The MOP staff gets the request for update and affidavit, and then updates the record of the client in the system. |  |  |
|  |  | 1. The system connects to the database and saves the new record of the client. |
| 1. The MOP staff creates a certification that the record has been updated and can now print the certificate. |  |  |

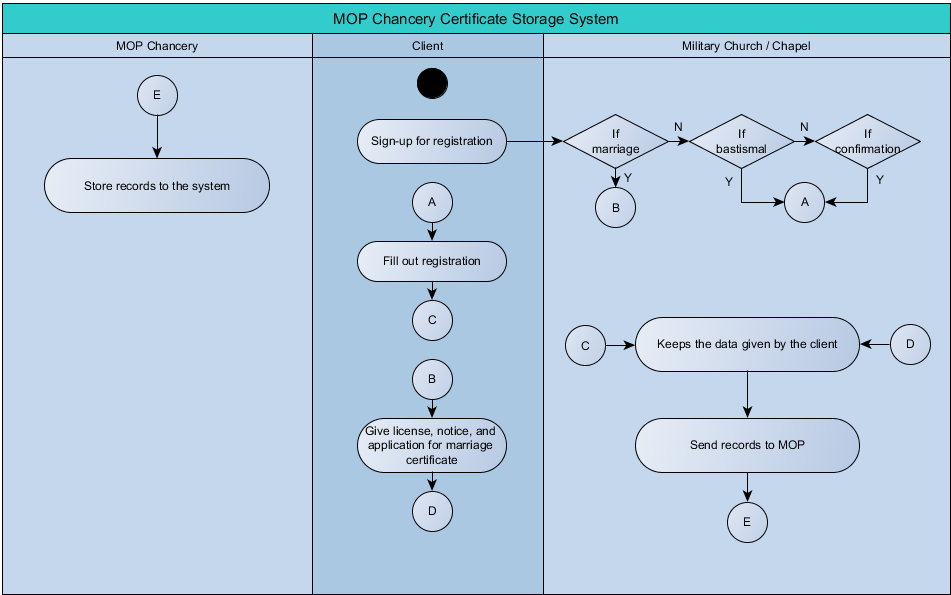
**Extension (or Alternate flow):**

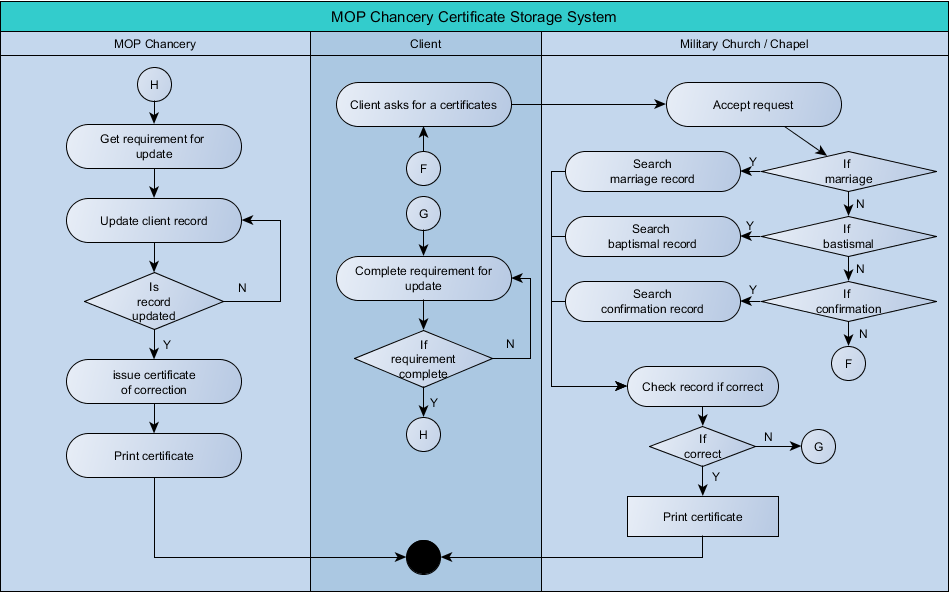
* If the client fails to submit an affidavit and request of update from the church then the entire process will be forfeited.
* Any request for record updates will be finalized after the client submits the mandatory requirements.

**Special Requirements:**

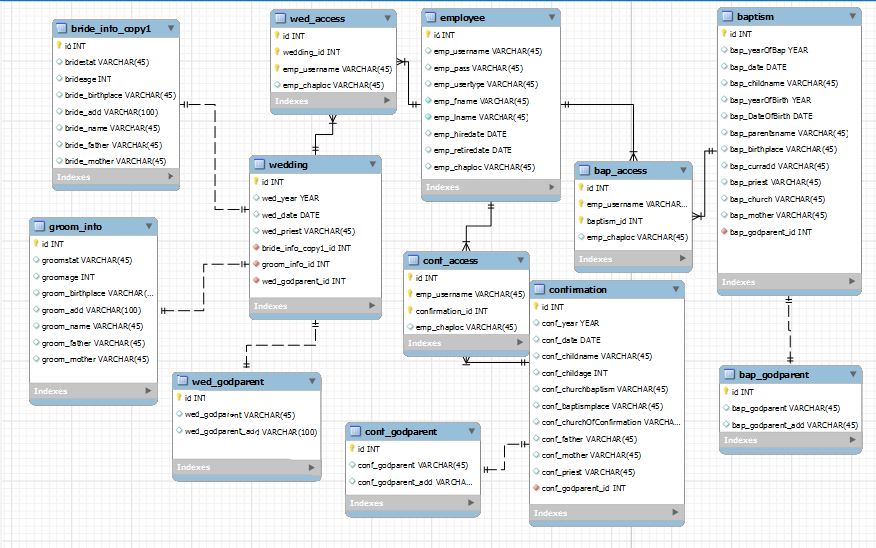
* Computer Hardware
* Database Server

**Activity Diagram**

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**Entity Relationship Diagram (ERD)**

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**Data Dictionary**

**bapgodparent**

Table comments: bapgodparent

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Links to** | **Comments** | **MIME** |
| id | int(11) | No |  |  |  |  |
| b\_fname | varchar(45) | Yes | *NULL* |  |  |  |
| b\_lname | varchar(45) | Yes | *NULL* |  |  |  |
| b\_address | varchar(100) | Yes | *NULL* |  |  |  |
| baptismal\_id | int(11) | No |  | baptismal -> id |  |  |

**Indexes**

| **Keyname** | **Type** | **Unique** | **Packed** | **Column** | **Cardinality** | **Collation** | **Null** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Yes | No | id | 0 | A | No |  |
| fk\_bapGodParent\_baptismal1\_idx | BTREE | No | No | baptismal\_id | 0 | A | No |  |

**baptismal**

Table comments: baptismal

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Links to** | **Comments** | **MIME** |
| id | int(11) | No |  |  |  |  |
| bap\_bapDate | date | No |  |  |  |  |
| bap\_priest | varchar(45) | Yes | *NULL* |  |  |  |
| bap\_church | varchar(45) | Yes | *NULL* |  |  |  |
| bap\_churchAdd | varchar(100) | Yes | *NULL* |  |  |  |
| Employee\_id | int(11) | No |  | employee -> id |  |  |
| client\_id | int(11) | No |  | client -> id |  |  |

**Indexes**

| **Keyname** | **Type** | **Unique** | **Packed** | **Column** | **Cardinality** | **Collation** | **Null** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Yes | No | id | 0 | A | No |  |
| fk\_baptismal\_Employee1\_idx | BTREE | No | No | Employee\_id | 0 | A | No |  |
| fk\_baptismal\_client1\_idx | BTREE | No | No | client\_id | 0 | A | No |  |

**church**

Table comments: church

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** | **MIME** |
| id | int(11) | No |  |  |  |
| ch\_name | varchar(45) | Yes | *NULL* |  |  |
| ch\_address | varchar(100) | Yes | *NULL* |  |  |
| ch\_priest | varchar(45) | Yes | *NULL* |  |  |

**Indexes**

| **Keyname** | **Type** | **Unique** | **Packed** | **Column** | **Cardinality** | **Collation** | **Null** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Yes | No | id | 0 | A | No |  |

**client**

Table comments: client

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** | **MIME** |
| id | int(11) | No |  |  |  |
| c\_fname | varchar(45) | No |  |  |  |
| c\_middlename | varchar(45) | Yes | *NULL* |  |  |
| c\_lname | varchar(45) | No |  |  |  |
| c\_dateOfBirth | date | Yes | *NULL* |  |  |
| c\_placeOfBirth | varchar(45) | Yes | *NULL* |  |  |
| c\_address | varchar(100) | Yes | *NULL* |  |  |
| c\_dateOfDeath | date | Yes | *NULL* |  |  |

**Indexes**

| **Keyname** | **Type** | **Unique** | **Packed** | **Column** | **Cardinality** | **Collation** | **Null** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Yes | No | id | 0 | A | No |  |

**clientrel**

Table comments: clientrel

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Links to** | **Comments** | **MIME** |
| id | int(11) | No |  |  |  |  |
| client\_id1 | int(11) | No |  | client -> id |  |  |
| client\_parent | int(11) | No |  | client -> id |  |  |
| relationship | varchar(45) | No |  |  |  |  |

**Indexes**

| **Keyname** | **Type** | **Unique** | **Packed** | **Column** | **Cardinality** | **Collation** | **Null** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Yes | No | id | 0 | A | No |  |
| client\_id1 | 0 | A | No |
| relationship | 0 | A | No |
| fk\_clientRel\_client1\_idx | BTREE | No | No | client\_id1 | 0 | A | No |  |
| fk\_clientRel\_client2\_idx | BTREE | No | No | client\_parent | 0 | A | No |  |

**confgodparent**

Table comments: confgodparent

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Links to** | **Comments** | **MIME** |
| id | int(11) | No |  |  |  |  |
| c\_fname | varchar(45) | Yes | *NULL* |  |  |  |
| c\_lname | varchar(45) | Yes | *NULL* |  |  |  |
| c\_address | varchar(100) | Yes | *NULL* |  |  |  |
| confirmation\_id | int(11) | No |  | confirmation -> id |  |  |

**Indexes**

| **Keyname** | **Type** | **Unique** | **Packed** | **Column** | **Cardinality** | **Collation** | **Null** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Yes | No | id | 0 | A | No |  |
| fk\_confGodParent\_confirmation1\_idx | BTREE | No | No | confirmation\_id | 0 | A | No |  |

**confirmation**

Table comments: confirmation

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Links to** | **Comments** | **MIME** |
| id | int(11) | No |  |  |  |  |
| conf\_confDate | date | No |  |  |  |  |
| conf\_bapChurch | varchar(45) | Yes | *NULL* |  |  |  |
| conf\_bapAdd | varchar(100) | Yes | *NULL* |  |  |  |
| conf\_church | varchar(45) | Yes | *NULL* |  |  |  |
| conf\_priest | varchar(45) | Yes | *NULL* |  |  |  |
| Employee\_id | int(11) | No |  | employee -> id |  |  |
| client\_id | int(11) | No |  | client -> id |  |  |

**Indexes**

| **Keyname** | **Type** | **Unique** | **Packed** | **Column** | **Cardinality** | **Collation** | **Null** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Yes | No | id | 0 | A | No |  |
| fk\_confirmation\_Employee1\_idx | BTREE | No | No | Employee\_id | 0 | A | No |  |
| fk\_confirmation\_client1\_idx | BTREE | No | No | client\_id | 0 | A | No |  |

**employee**

Table comments: employee

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Links to** | **Comments** | **MIME** |
| id | int(11) | No |  |  |  |  |
| emp\_username | varchar(45) | No |  |  |  |  |
| emp\_password | varchar(45) | No |  |  |  |  |
| emp\_usertype | varchar(45) | No |  |  |  |  |
| emp\_fname | varchar(45) | No |  |  |  |  |
| emp\_lname | varchar(45) | No |  |  |  |  |
| emp\_hireDate | date | Yes | *NULL* |  |  |  |
| emp\_retireDate | date | Yes | *NULL* |  |  |  |
| emp\_chapAssign | varchar(45) | Yes | *NULL* |  |  |  |
| church\_id | int(11) | No |  | church -> id |  |  |

**Indexes**

| **Keyname** | **Type** | **Unique** | **Packed** | **Column** | **Cardinality** | **Collation** | **Null** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Yes | No | id | 0 | A | No |  |
| fk\_Employee\_church1\_idx | BTREE | No | No | church\_id | 0 | A | No |  |

**margodparent**

Table comments: margodparent

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Links to** | **Comments** | **MIME** |
| id | int(11) | No |  |  |  |  |
| m\_fname | varchar(45) | Yes | *NULL* |  |  |  |
| m\_lname | varchar(45) | Yes | *NULL* |  |  |  |
| m\_address | varchar(100) | Yes | *NULL* |  |  |  |
| marriage\_id | int(11) | No |  | marriage -> id |  |  |

**Indexes**

| **Keyname** | **Type** | **Unique** | **Packed** | **Column** | **Cardinality** | **Collation** | **Null** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Yes | No | id | 0 | A | No |  |
| fk\_marGodParent\_marriage1\_idx | BTREE | No | No | marriage\_id | 0 | A | No |  |

**marriage**

Table comments: marriage

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Links to** | **Comments** | **MIME** |
| id | int(11) | No |  |  |  |  |
| mar\_marDate | date | Yes | *NULL* |  |  |  |
| mar\_priest | varchar(45) | Yes | *NULL* |  |  |  |
| Employee\_id | int(11) | No |  | employee -> id |  |  |
| client\_id | int(11) | No |  | client -> id |  |  |
| client\_id1 | int(11) | No |  | client -> id |  |  |

**Indexes**

| **Keyname** | **Type** | **Unique** | **Packed** | **Column** | **Cardinality** | **Collation** | **Null** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Yes | No | id | 0 | A | No |  |
| fk\_marriage\_Employee1\_idx | BTREE | No | No | Employee\_id | 0 | A | No |  |
| fk\_marriage\_client1\_idx | BTREE | No | No | client\_id | 0 | A | No |  |
| fk\_marriage\_client2\_idx | BTREE | No | No | client\_id1 | 0 | A | No |  |

**position**

Table comments: position

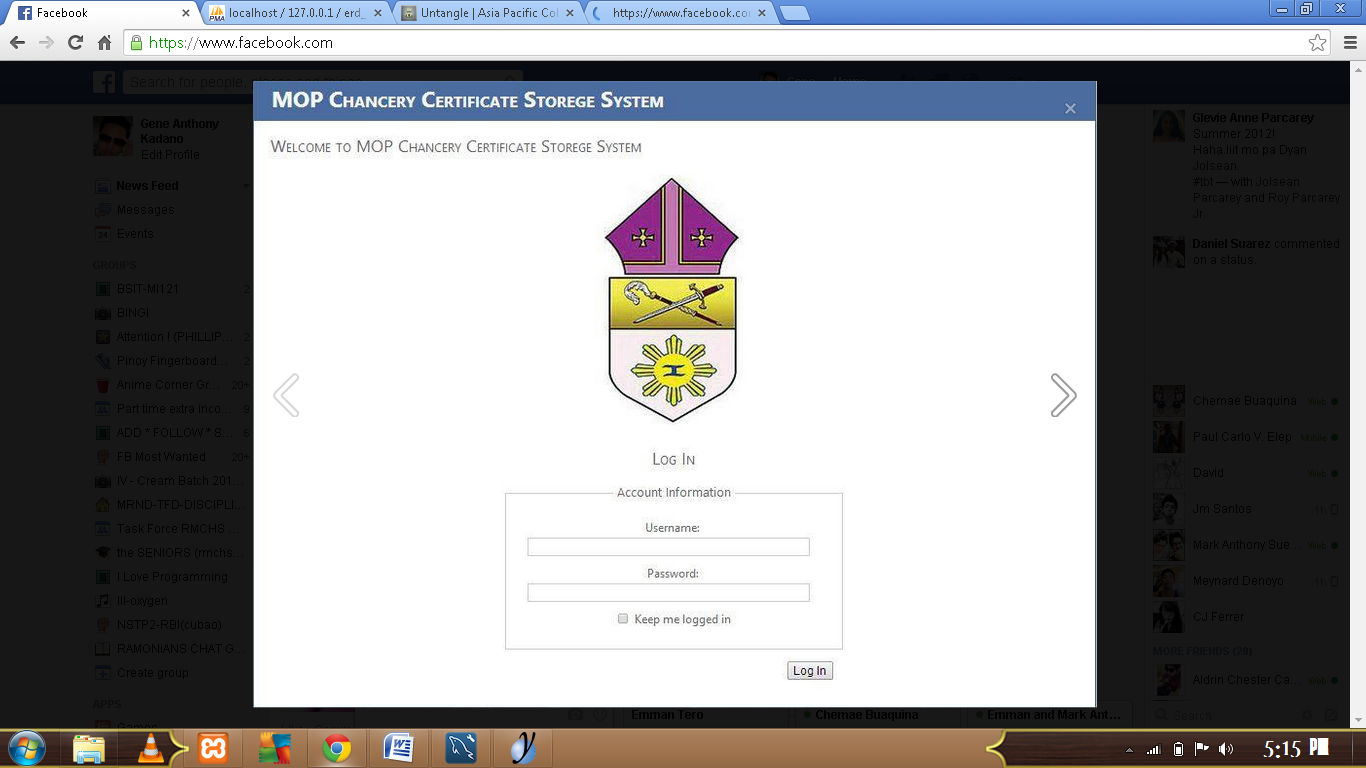
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Links to** | **Comments** | **MIME** |
| id | int(11) | No |  |  |  |  |
| rank | varchar(45) | Yes | *NULL* |  |  |  |
| afpServiceNum | int(11) | Yes | *NULL* |  |  |  |
| branchOfService | varchar(45) | Yes | *NULL* |  |  |  |
| unitAddress | varchar(45) | Yes | *NULL* |  |  |  |
| positioncol | varchar(45) | Yes | *NULL* |  |  |  |
| client\_id | int(11) | No |  | client -> id |  |  |

**Indexes**

| **Keyname** | **Type** | **Unique** | **Packed** | **Column** | **Cardinality** | **Collation** | **Null** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Yes | No | id | 0 | A | No |  |
| fk\_position\_client\_idx | BTREE | No | No | client\_id | 0 | A | No |  |

[Open new phpMyAdmin window](http://localhost/phpmyadmin/db_datadict.php?db=erd_mop&table=position&server=1&target=&token=8aabca795160b544ddadb3ee1f7fc1ca)

**GUI Design**

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