LDS Meetings

Database Design

# Meeting

A Meeting consists of the program and additional information.

The program portion of the meeting includes hymns, prayers, speakers, musical numbers, announcements, callings, releasing’s, testimonies, awards, and other informational stuff.

The additional information is information found on the program but not mentioned during the meeting. This can include pictures of a spiritual nature, a spiritual thought, missionaries from the ward, ward meeting times, contact information for temple recommends, address, ward leaders, etc.

Meeting types are sacrament, baptisms, primary, relief society, stake conference, priesthood.

Table Columns:

* meeting\_id, type: long – unique id associated with each meeting.
* meeting\_type, type: string - sacrament, stake, primary, rs, priesthood, baptism
* start\_datetime, type: date – contains the date and time of the meeting
* duration, type: int – duration of the meeting in minutes
* template\_id, type: int – identifies the template to be used for this meeting layout

# Meeting Data

Meeting data is all of the unique data associated with a meeting. It will provide the data that fills in the template items.

Table Columns:

* meeting\_id, type: long – id of the meeting
* field\_id, type: int – id of the field that data will fill in
* data, type: string – information for filling in the field

Note: the data information is dependent on the field type. Here are some specifications for field types:

* image: contains the name of the image. Images can be uploaded by a user where they will be stored in a /stake/ward directory structure. There will also be a common image area where users can pick from. The image name will be proceeded by ‘common:’, ‘stake:’ or ‘ward:’ to indicate where the image is residing.

# Meeting Template

The meeting template defines the layout of the program and additional information. It will consist of objects and the position of those objects on the screen or page if you will. Objects can be static or linear in nature. There can also be layers in a template. A layer can consist of objects that are under or over other layers. So for example if you want a background image the image can be placed as a static object on layer 1. All other objects can be placed on layer 2.

### Objects

Here is a list of objects:

1. image – any type of image
2. date – can be any date or date of the meeting, allows for linking to calendar
3. location – an address (this will allow google maps to be integrated into the info)
4. text – is made up of plain text and other specialized objects. Following are the specialized objects:
   1. plain old text
   2. position – this will contain the name of the person who currently fills the position indicated and will link to LDS tools, position names are preceded by #, e.g. #bishop, #chorister, #pianist
   3. stake name – auto filled from LDS tools
   4. ward name – auto filled from LDS tools
   5. contact – can be a member but will contain contact info as well as name
   6. calling – entering the calling will auto fill from LDS tools (e.g. bishop, chorister)
   7. member – name of a ward or stake member and will be associated with a member of the ward via some id info which will allow linkage to LDS tools
   8. section titles (sub: Program, Announcements, missionaries, etc)
   9. scripture references
   10. speaker
   11. hymn - the name of a hymn and the number. Will allow linkage to LDS Music
   12. prayer (sub: invocation, benediction)
   13. musical number – info such as who is singing, playing instruments, etc.
   14. calling – who is being called, position … can link to ward callings
   15. new members – several names linked to ward members
   16. releasing – who is being release, position … can link to ward callings
   17. award – young women recognition, baptism, primary graduation
   18. presiding – use #bishop,
   19. conducting
5. container – this is an object that contains other objects. The size of the object can be unlimited or limited with a scroll bar.
6. Event – this is a calendar event. Basically will contain an event title, location, date, time, description
7. Missionary – this contains information about a missionary, name, date returning, mission, contact information, other information