**Schema**

User(<u>UserID</u>, Fullname, Email)
This table will be called "User" since it represents the users of the app. The columns Fullname and Email are attributes of these users that are relevant to the function of the app. UserID is a unique id for each user and is the primary key of the table.

AuthToken(<u>AuthTokenID</u>, UserID)
- Foreign Key UserID references User

This table holds all the valid authentication tokens. These tokens represent those who have active and valid sessions. Since these sessions are saved for users, it contains a foreign key to the Users table. AuthTokenID is a unique id for each user session and is the primary key of the table.

GoogleLogin(<u>GoogleLoginID</u>, UserID)
- Foreign Key UserID references User

This table stores the login information of users who sign in with google. Since google logins are tied to particular users, there is a foreign key column that references the User table.

Ward(<u>WardID</u>, Name)
Stores the ward object. It is not combined with wardAdmin and programItem because there is a one to many relationship between ward and those tables. The ID column is the ID and The name is the name of the ward

WardAdmin(<u>WardAdminID</u>, UserID, WardID)
- Foreign Key UserID references User
- Foreign Key WardID references Ward

This table is just a connection between User and Ward to show what users are admins in a ward.

ProgramItem(<u>ProgramItemID</u>, WardID, Index, Title, Subtitle, Type)
- Foreign Key WardID references Ward

This stores an items in a ward program
- WardID- id of the ward the item is connected to
- Index- the order of this item in the list of items
- Title- title displayed for the item
- Subtitle- subtitle displayed for the item
- Type- Whether it is a Hymn or normal program item

**User**

| UserID | unsignedint |
|---|---|
| FullName | text |
| Email | text |

**AuthToken**

| AuthTokenID | text |
|---|---|
| UserID | unsignedint |

**GoogleLogin**

| GoogleLoginID | text |
|---|---|
| UserID | unsignedint |

**WardAdmin**

| WardAdminId | unsignedint |
|---|---|
| UserID | unsignedint |
| WardID | unsignedint |

**Ward**

| WardID | unsignedint |
|---|---|
| Name | text |

**ProgramItem**

| ProgramItemID | unsignedint |
|---|---|
| Index | unsignedint |
| Title | text |
| SubTitle | text |
| Type | text |
| WardID | unsignedint |