Team members: Jae Jeong, Nick Collins, Joshua Castaneda, Joseph Abousharkh
Work distribution

- Database Diagram: Josh
- Database Script: Nick
- Node.js web code: Joseph
- iOS app: Jae Jeong

Religions	**Religion_id**
Islam	2
Christianity	1
Judaism	3
Hinduism	4

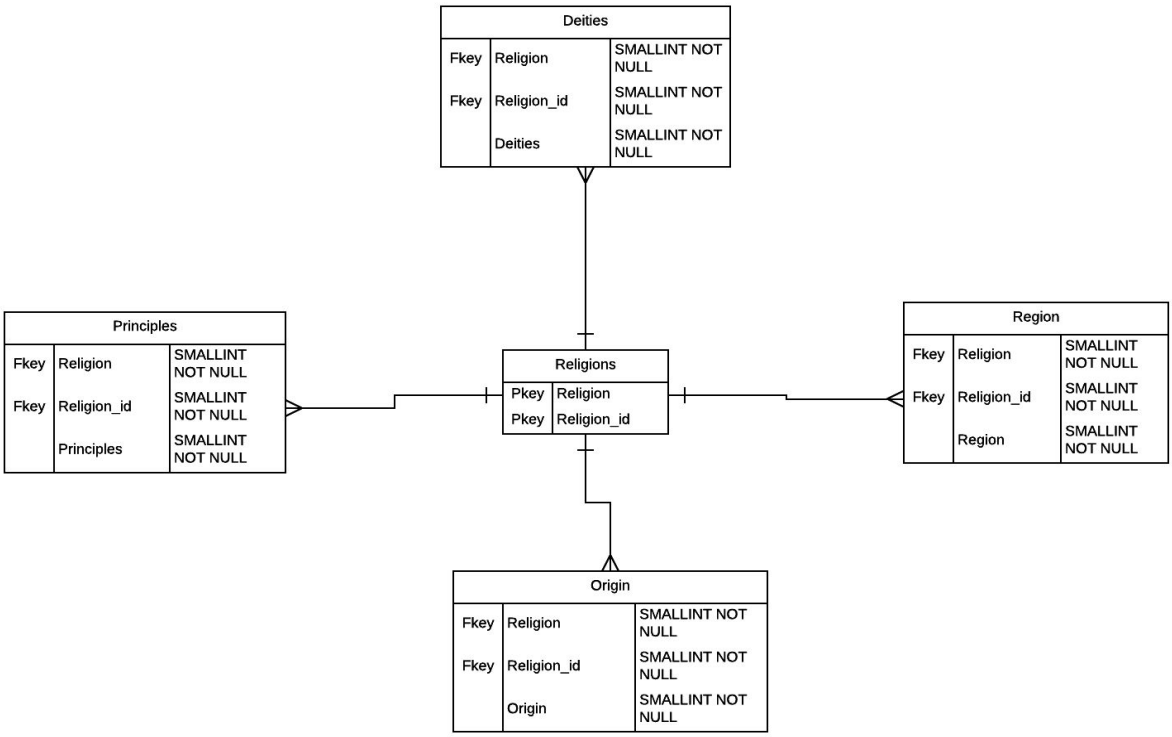
Deities
Allah
God
Yahweh
Vishnu and others

Regions
Middle East
Europe and former European colonies
The Levant
India and Southeast Asia

Origins
Mecca
Jerusalem
Jerusalem
India

Principles
Quran
Bible
Torah
Vedas

https://www.lucidchart.com/documents/edit/62361c9a-5f79-42df-94a5-46a8c3133035?shared=true&docId=62361c9a-5f79-42df-94a5-46a8c3133035&kme=Clicked%20E-mail%20Link&kmi=nicholascollins@amdg.rockhursths.edu&km_Link=DocInviteButton




```
CREATE TABLE Religions (
     Religion SMALLINT NOT NULL,
     Religion_id SMALLINT NOT NULL,
     PRIMARY KEY (Religion, Religions_id)
);
```

```
INSERT into Religions(Religion, Religion_id, last_update)
VALUES (2, 'Islam', NOW())

INSERT into Religions(Religion, Religion_id, last_update)
VALUES (1, 'Christianity', NOW())

INSERT into Religions(Religion, Religion_id, last_update)
VALUES (3, 'Judaism', NOW())

INSERT into Religions(Religion, Religion_id, last_update)
VALUES (4, 'Hinduism' NOW())


CREATE TABLE Region (
      Religion SMALLINT NOT NULL,
      Religion_id SMALLINT NOT NULL,
      Region SMALLINT NOT NULL,
      FOREIGN KEY (Religions_id) references religion (Religions_id)
      FOREIGN KEY (Religion) references religion (Religion)
);

INSERT into Region(Religion_id, Region, last_update)
VALUES (1, 'Europe and other various regions' NOW());

INSERT into Region(Religion_id, Region, last_update)
VALUES  (2, 'Middle East', NOW());

INSERT into Region(Religion_id, Region, last_update)
VALUES (3, 'The Levant', NOW());

INSERT into Region(Religion_id, Region, last_update)
VALUES (4, 'India and Southeast Asia', NOW());


CREATE TABLE Principles (
      Religion SMALLINT NOT NULL,
      Religion_id SMALLINT NOT NULL,
      Principles SMALLINT NOT NULL,
      FOREIGN KEY (Religions_id) references religion (Religions_id)
      FOREIGN KEY (Religion) references religion (Religion)

);
INSERT into Principles(Religion_id, Principles, last_update)
```

```
VALUES (2, 'Quran', NOW())

INSERT into Principles(Religion_id, Principles, last_update)
VALUES (1, 'Bible', NOW())

INSERT into Principles(Religion_id, Principles, last_update)
VALUES (3, 'Torah', NOW())

INSERT into Principles(Religion_id, Principles, last_update)
VALUES (4, 'Vedas' NOW())



CREATE TABLE Origin (
     Religion SMALLINT NOT NULL,
     Religion_id SMALLINT NOT NULL,
     Origin SMALLINT NOT NULL,
     FOREIGN KEY (Religions_id) references religion (Religions_id)
     FOREIGN KEY (Religion) references religion (Religion)

);

INSERT into Origin(Religion_id, Origin, last_update)
Values (1, 'Jerusalem', NOW());

INSERT into Origin(Religion_id, Origin, last_update)
VALUES (2, 'Mecca', NOW());

INSERT into Origin(Religion_id, Origin, last_update)
VALUES (3, 'Jerusalem' NOW((;

INSERT into Origin(Religion_id, Origin, last_update)
VALUES (4, 'India', NOW());



CREATE TABLE Deities (
     Religion SMALLINT NOT NULL,
     Religion_id SMALLINT NOT NULL,
     Deities SMALLINT NOT NULL,
     FOREIGN KEY (Religions_id) references religion (Religions_id)
```

```
      FOREIGN KEY (Religion) references religion (Religion)

      );


Insert into Deities(Religion_id, Deities, last_update)
Values (1, 'God', NOW());

Insert into Deities(Religion_id, Deities, last_update)
VALUES (2,'Allah', NOW());

Insert into Deities(Religion_id, Deities, last_update)
VALUES (3, 'YHWH', NOW());

Insert into Deities(Religion_id, Deities, last_update)
VALUES (4, 'Vishnu and Others', NOW());
```

Most interesting code in iOS project

```
override func prepare(for segue: UIStoryboardSegue, sender: Any?) {

     let second = segue.destination as! SecondViewController
     second.msg = TextField1.text

     }
```

Segue code: This code allows us to connect two or more viewcontrollers with a button, enabling the user to move between screens. As much as it is necessary and common in most iOS apps, it is interesting to know and apply that code. It was nice to see the simulator switching between different viewcontrollers by a click of a button.

Most interesting code in Node.js server-

```
app.post('/task', function(req, res) {
   console.log('/task req.body = ' + JSON.stringify(req.body));
   var insert = 'INSERT INTO tasks SET ?';
   connection.query(insert, req.body, function(err, rows) {
       if(err) {
           res.status(400).send('Bad Request');
       } else {
           res.status(201).send('Created');
```

We find this code to be the most interesting of the code from the Node.js part of the project because this section of code incorporates a little bit of material from every section and every activity that we had done during this semester. Starting off the First week with String functions and when to use Var can be shown. Connecting a database to the console and stringing it into a different series of data. Using if statements in the code to set a certain result if a certain chain of events happen. Now that we know the Fundamentals of code and they can clearly be seen in a simple text of code from above, our group now is able to look towards the future in our coding careers and reflect back on the starting weeks of this class when we learned those fundamental parts of every code system.