

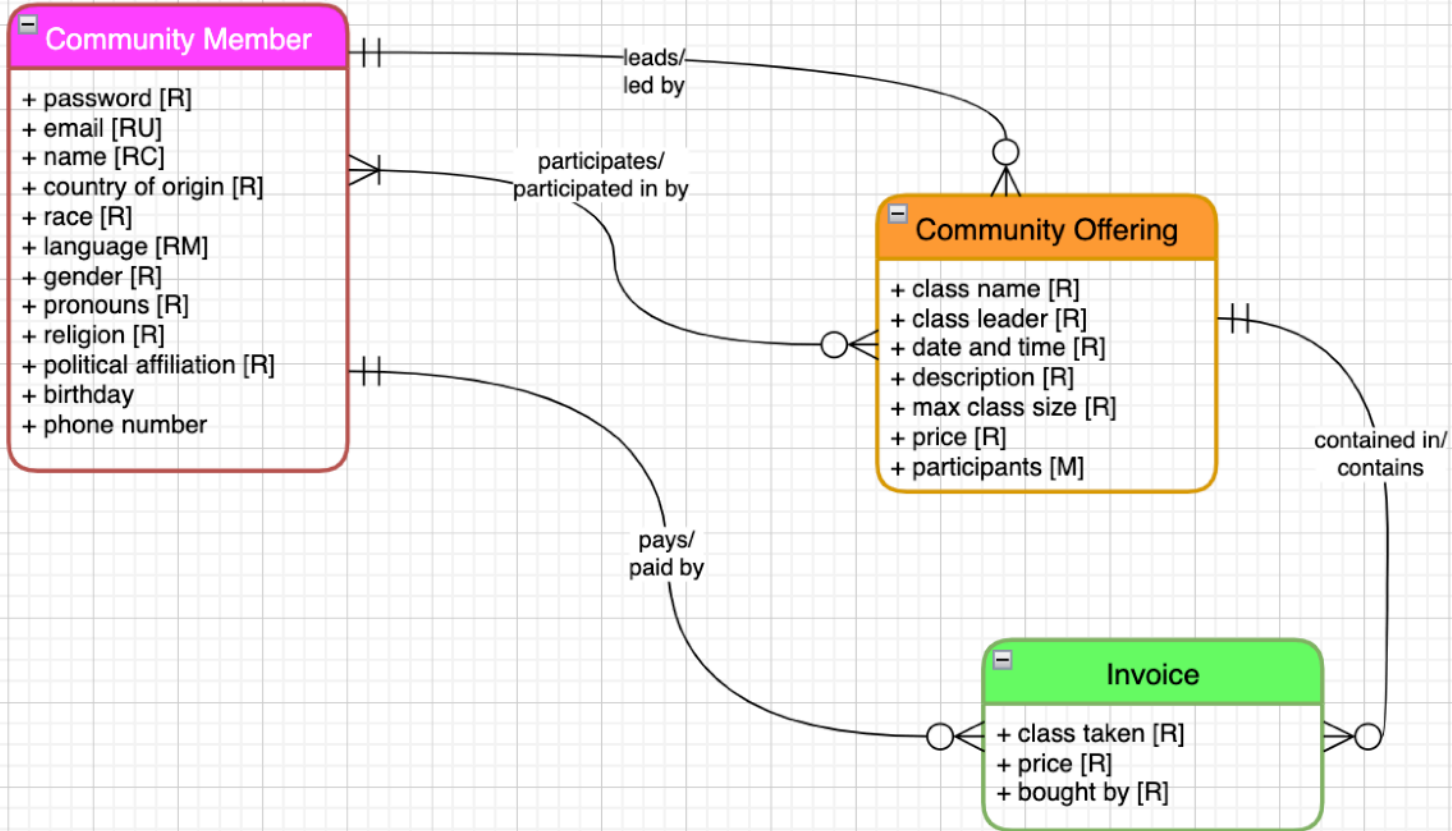
# COMMON DENOMINATOR

Community Learning Center

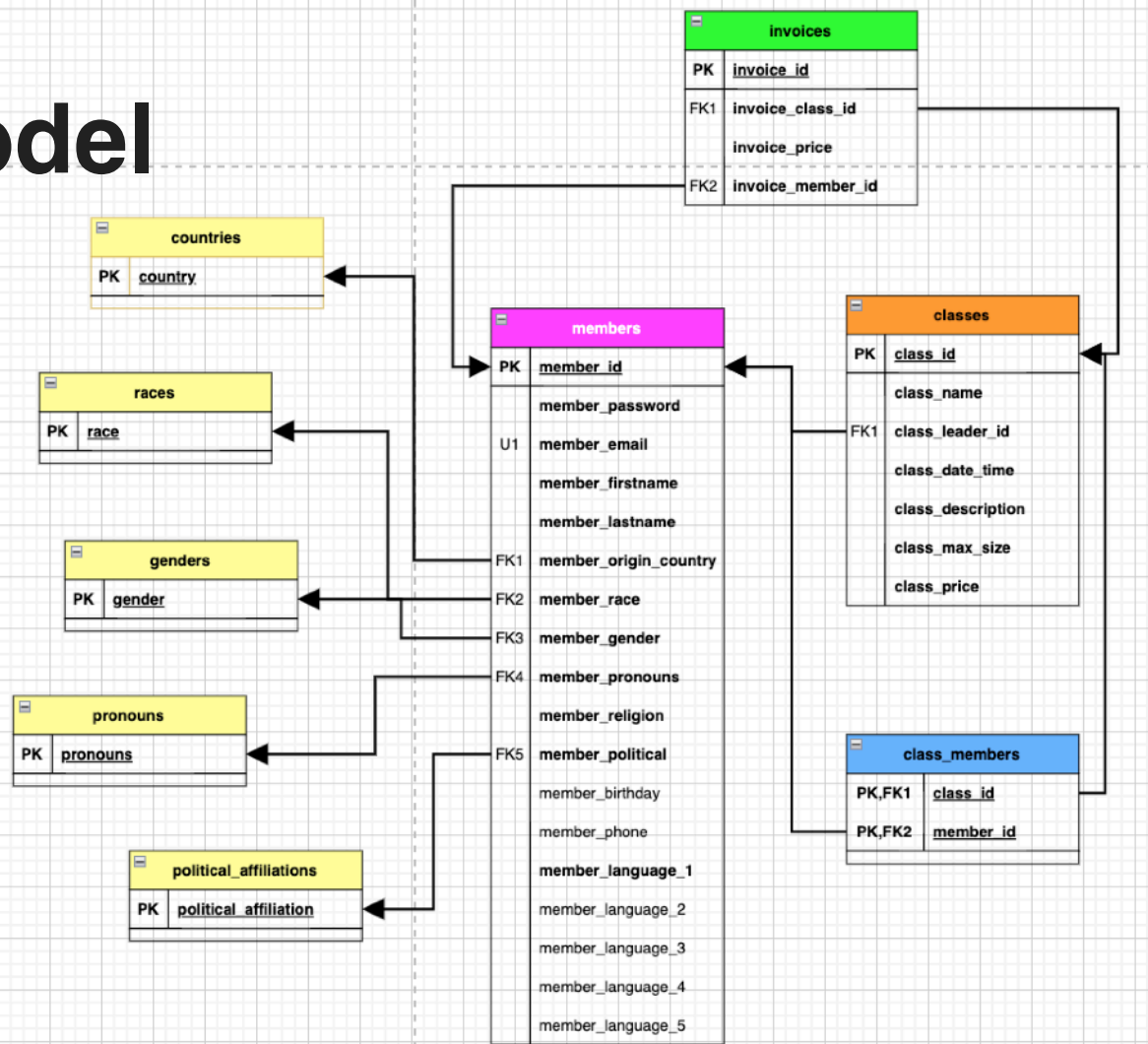
**Nina Schneider  
Aye T Hla  
Mike DeMaria**

**IST 659  
Final Project**

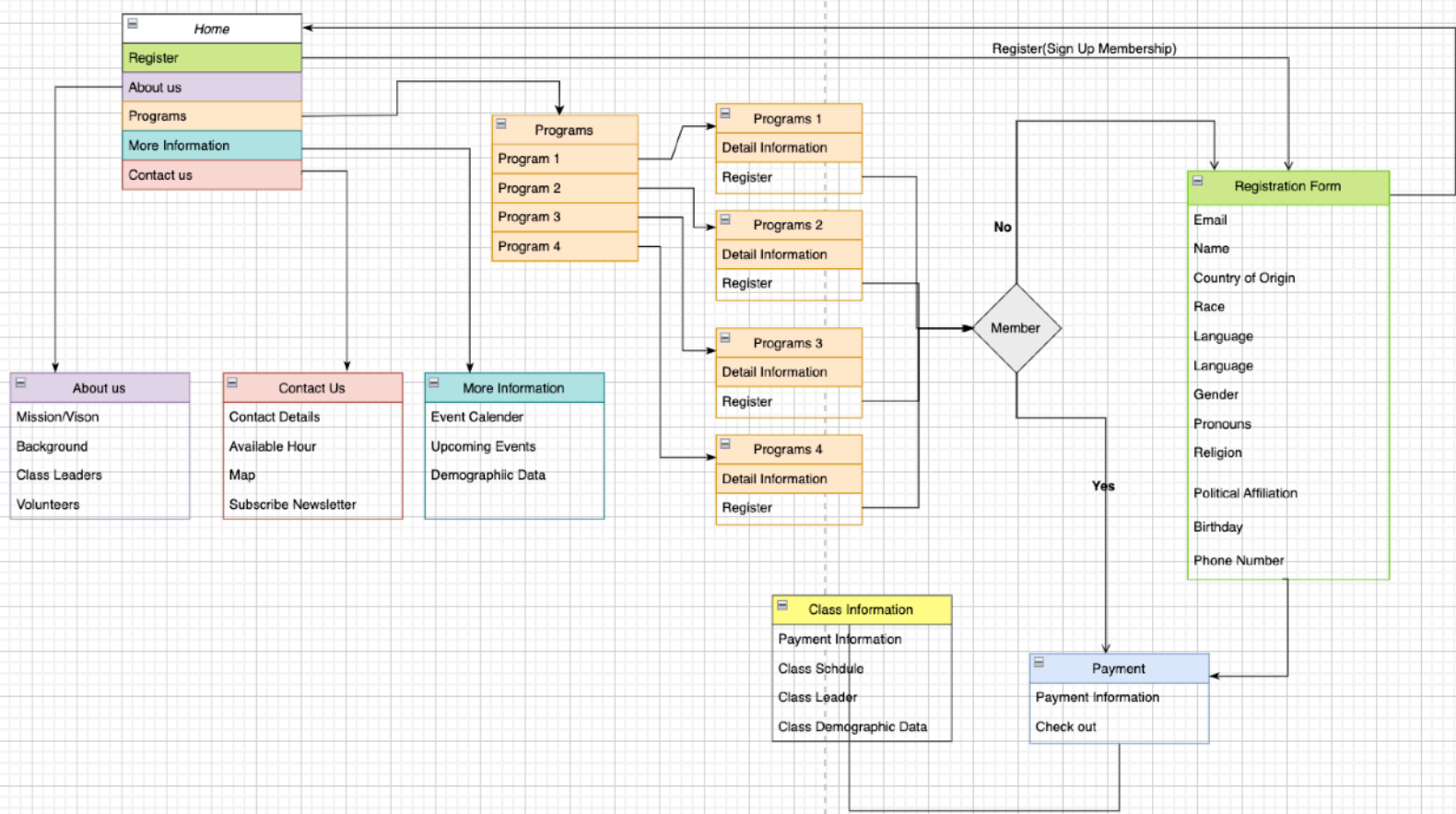
# Conceptual Model



# Logical Model

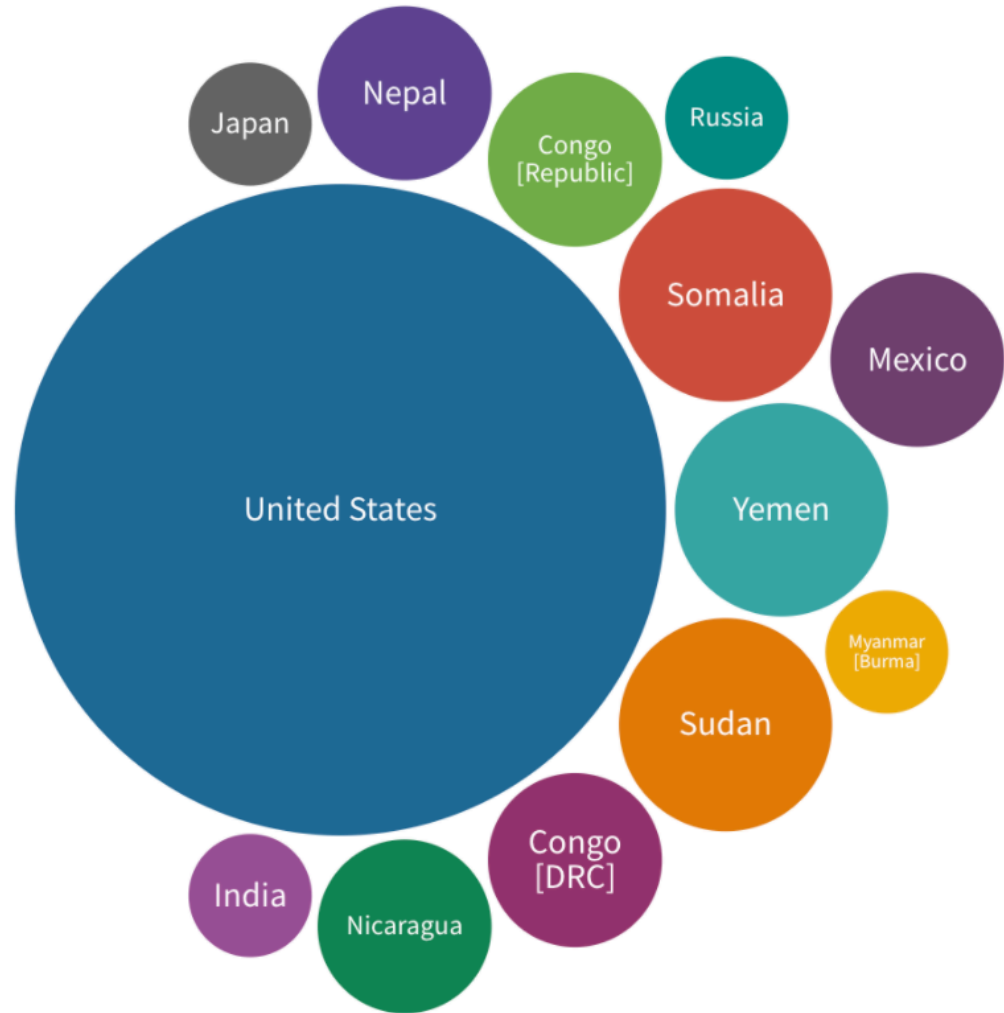


# Site Map



# Site Demo

<https://ahla01.wixsite.com/common-denominator>



# SQL Demo

## Common Denominator Developer And System Integration Guide

Below are the specifications for querying and modifying the Common Denominator database. System integrators should only perform inserts, updates or deletes through stored procedures. Queries should only be performed through views or the functions listed in the 'Views, Data Queries and Reports' section.

Common Denominator stores personally identifiable information (PII). Medical and financial information is not stored. Ensure that all integrators follow an equally restrictive privacy policy, and that secure coding techniques are practiced. We should consider all of our member's demographics information as confidential.

|                  |                  |            |           |
|------------------|------------------|------------|-----------|
| United States    | Native Hawaii... | Female     | He/Him    |
| Congo [Republ... | American Indi... | Non-binary | She/Her   |
| Yemen            | White            | Male       | They/Them |
| Sudan            | White            | Male       | He/Him    |
| Sudan            | White            | Male       | She/Her   |

```
-- UP FUNCTIONS
-- Let's see all the classes taught by a particular leader. R
CREATE FUNCTION f_classes_by_leader_id
  (@leaderid AS INT) RETURNS TABLE AS
RETURN
  (SELECT * FROM classes WHERE class_leader_id = @leaderid)
GO

-- Let's see all the classes taught by a particular leader. R
CREATE FUNCTION f_classes_by_leader_email
  (@leaderemail AS varchar(255)) RETURNS TABLE AS
RETURN
  (
    SELECT * FROM classes c
    JOIN members m ON c.class_leader_id = m.member_id
    WHERE member_email = @leaderemail
  )
GO
```

| class_name         | class_description       | member_name      | member...     | member_phone   | class_price |
|--------------------|-------------------------|------------------|---------------|----------------|-------------|
| Diversity Dialogue | Use our backgrounds ... | Flann Patriksson | cathedral@... | (206) 555-5833 | 0.00        |
| MATH POWERS        | Math tutoring, subje... | Flann Patriksson | cathedral@... | (206) 555-5833 | 10.00       |
| Brain Gardening    | Meditation class, te... | Flann Patriksson | cathedral@... | (206) 555-5833 | 0.00        |
| MATH POWERS        | Statistics Tutoring     | Flann Patriksson | cathedral@... | (206) 555-5833 | 25.00       |

# Questions and Answer



Thank you for your time and attention!  
Go out there and find the common denominators!