

CPSC 332 Database Project

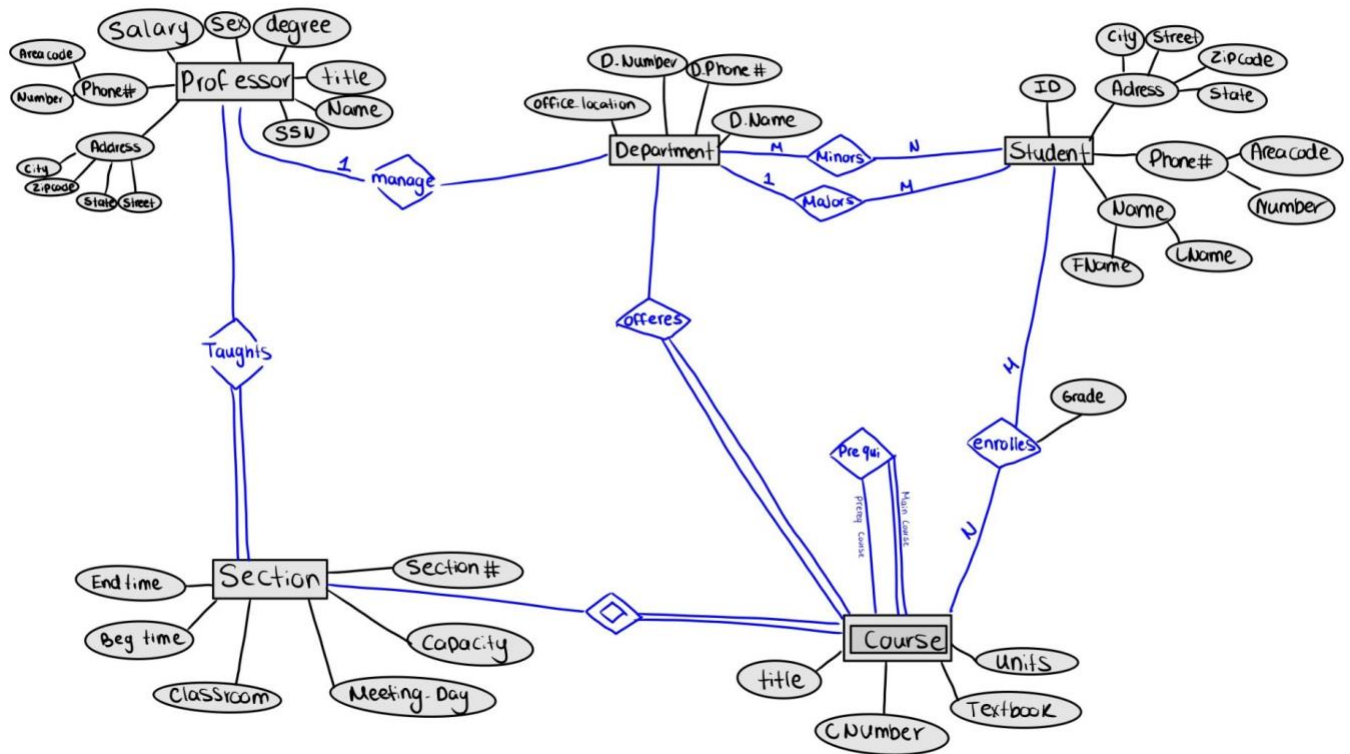
Group members:

Name	Last 4 CWID
Nayeli *****	****
Hiep ****	****
Poleth ****	****

Submission Account: cs332t31

Website: <http://ecs.fullerton.edu/~cs332t31/>

Entity-Relationship Model:



```
graph TD
    subgraph Professor
        P_SSN[SSN]
        P_Name[Name]
        P_Title[title]
        P_Sex[Sex]
        P_Salary[Salary]
        P_Phone[Phone#]
        P_Degree[degree]
        P_Address[Address]
    end

    subgraph Department
        D_DNumber[D.Number]
        D_Name[D.Name]
        D_Phone[D.Phone #]
        D_Location[office location]
        D_Chair[chair_professor_SSN]
    end

    subgraph Course
        C_CNumber[CNumber]
        C_Title[title]
        C_Textbook[Textbook]
        C_Units[units]
        C_DNumber[D.Number]
        C_Preq[prereq_course_number]
    end

    subgraph Section
        S_Section[Section #]
        S_CNumber[CNumber]
        S_Classroom[Classroom]
        S_Capacity[Capacity]
        S_Meeting[Meeting Day]
        S_BegTime[Beg time]
        S_EndTime[End time]
        S_PSSN[P.SSN]
    end

    subgraph Student
        S_ID[ID]
        S_FName[FName]
        S_LName[LName]
        S_Address[Address]
        S_Phone[Phone #]
        S_DNumber[D.Number]
    end

    subgraph Enroll
        E_Student[Student]
        E_CNumber[CNumber]
        E_Section[Section #]
        E_Grade[Grade]
    end

    subgraph Student_Minor
        SM_Student_ID[Student_ID]
        SM_DNumber[D.Number]
    end

    P_SSN --> D_Chair
    P_SSN --> S_PSSN
    D_Chair --> P_SSN
    C_DNumber --> D_DNumber
    C_Preq --> C_CNumber
    S_CNumber --> C_CNumber
    S_PSSN --> P_SSN
    S_DNumber --> D_DNumber
    S_DNumber --> E_Student
    E_CNumber --> C_CNumber
    E_Section --> S_Section
    SM_DNumber --> D_DNumber
```

PROFESSOR

<u>SSN</u>	Name	title	Sex	Salary	Phone#	degree	Address
------------	------	-------	-----	--------	--------	--------	---------

DEPARTMENT

<u>D.Number</u>	D.Name	D.Phone #	office location	chair_professor_SSN
-----------------	--------	-----------	-----------------	---------------------

COURSE

<u>CNumber</u>	title	Textbook	units	D.Number	prereq_course_number
----------------	-------	----------	-------	----------	----------------------

SECTION

<u>Section #</u>	<u>CNumber</u>	Classroom	Capacity	Meeting Day	Beg time	End time	P.SSN
------------------	----------------	-----------	----------	-------------	----------	----------	-------

STUDENT

<u>ID</u>	FName	LName	Address	Phone #	D.Number
-----------	-------	-------	---------	---------	----------

ENROLL

<u>Student</u>	<u>CNumber</u>	Section #	Grade
----------------	----------------	-----------	-------

Student_Minor

<u>Student_ID</u>	<u>D.Number</u>
-------------------	-----------------

PROFESSOR							
<u>SSN</u>	Name	title	Sex	Salary	Phone#	degree	Address

DEPARTMENT				
<u>D.Number</u>	D.Name	D.Phone #	office location	chair_professor_SSN

COURSE					
<u>CNumber</u>	title	Textbook	units	D.Number	prereq_course_number

SECTION							
Section #	C Number	Classroom	Capacity	Meeting Day	Beg time	End time	ESSN

STUDENT					
<u>ID</u>	FName	LName	Address	Phone #	D.Number

<u>Student</u>	<u>CNumber</u>	Section#	Grade
----------------	----------------	----------	-------

Student_Minor	
<u>Student_ID</u>	<u>D_Number</u>

Primary keys:

Professor (SSN)

Department (D.Number)

Course (CNumber)

Section (Section#, CNumber)

Student (ID)

Enroll (Student, CNumber)

Foreign keys:

Department (Professor) REFERENCES Section (Section#, CNumber)

Course (D.Number) REFERENCES Department (D.Number)

Section (CNumber) REFERENCES Course (CNumber)

Section (P_SSN) REFERENCES Professor (SSN)

Student (D.Number) REFERENCES Department (D.Number)

Enroll (Student) REFERENCES Student (ID)

Enroll (Section#) REFERENCES Section (Section#)

Student_Minor (Student_ID) REFERENCES Student (ID)

Student_Minor (D_Number) REFERENCES Department (D.Number)

SQL DDL:

```
CREATE TABLE Department (  
    D_Number VARCHAR(10) PRIMARY KEY,  
    D_Name VARCHAR(50),  
    D_Phone VARCHAR(20),  
    Office_Location VARCHAR(50)  
);
```

```
ALTER TABLE Department
ADD COLUMN Chairperson_Professor_SSN VARCHAR(14),
ADD CONSTRAINT fk_Chairperson_Professor_SSN
FOREIGN KEY (Chairperson_Professor_SSN)
REFERENCES Professor (SSN);
```

```
CREATE TABLE Professor (
    SSN VARCHAR(14) NOT NULL PRIMARY KEY,
    Name VARCHAR(50) NOT NULL,
    Title VARCHAR(50),
    Sex CHAR(1),
    Salary DECIMAL(10,2),
    Phone VARCHAR(20),
    Degree VARCHAR(50),
    Address VARCHAR(100)
);
```

```
CREATE TABLE Course (
    C_Number VARCHAR(10) NOT NULL PRIMARY KEY,
    Title VARCHAR(255) NOT NULL,
    Textbook VARCHAR(255),
    Units INT,
    D_Number VARCHAR(10) NOT NULL,
    Prerequisite_Course_Number VARCHAR(10),
    FOREIGN KEY (D_Number) REFERENCES Department (D_Number),
    FOREIGN KEY (Prerequisite_Course_Number) REFERENCES Course
(C_Number)
```

);

```
CREATE TABLE Section (  
    S_Number VARCHAR(15) NOT NULL,  
    C_Number VARCHAR(10) NOT NULL,  
    Classroom VARCHAR(50),  
    Capacity INT,  
    Meeting_Day VARCHAR(10),  
    Beginning_Time TIME,  
    End_Time TIME,  
    PRIMARY KEY (S_Number, C_Number),  
    FOREIGN KEY (C_Number) REFERENCES Course(C_Number)  
);
```

```
ALTER TABLE Section  
ADD COLUMN P_SSN CHAR(11),  
ADD CONSTRAINT FK_Section_Professor  
FOREIGN KEY (P_SSN)  
REFERENCES Professor(SSN);
```

```
CREATE TABLE Student (  
    ID VARCHAR(10) NOT NULL PRIMARY KEY,  
    Fname VARCHAR(50) NOT NULL,  
    Lname VARCHAR(50) NOT NULL,  
    Address VARCHAR(100),  
    Phone VARCHAR(20),  
    D_Number VARCHAR(10) NOT NULL,  
    FOREIGN KEY (D_Number) REFERENCES Department(D_Number)
```

);

```
CREATE TABLE Student_Minor (  
    Student_ID VARCHAR(10) NOT NULL,  
    Department_Number VARCHAR(10) NOT NULL,  
    PRIMARY KEY (Student_ID, Department_Number),  
    FOREIGN KEY (Student_ID) REFERENCES Student(ID),  
    FOREIGN KEY (Department_Number) REFERENCES  
Department(D_Number)  
);
```

```
CREATE TABLE Enroll (  
    Student VARCHAR(10) NOT NULL,  
    C_Number VARCHAR(10) NOT NULL,  
    S_Number VARCHAR(15) NOT NULL,  
    Grade VARCHAR(2),  
    PRIMARY KEY (Student, C_Number),  
    FOREIGN KEY (Student) REFERENCES Student(ID),  
    FOREIGN KEY (C_Number) REFERENCES Course(C_Number),  
    FOREIGN KEY (S_Number) REFERENCES Section(S_Number)  
);
```

SQL Queries:

```
INSERT INTO Department (D_Number, D_Name, D_Phone,  
Office_Location, Chairperson_Professor_SSN)  
VALUES
```

('CPSC', 'Computer Science', '657-278-3163', 'Computer Science Building, Room 202', '123-45-6789'),
('ENGL', 'English', '657-278-3163', 'Gordon Halls, Room 323B', '345-67-8901'),
('MATH', 'Mathematics', '657-278-3163', 'McCarthy Hall, Room 154', '234-56-7890');

INSERT INTO Professor (SSN, Name, Title, Sex, Salary, Phone, Degree, Address)

VALUES

('123-45-6789', 'Bernie Howell', 'Assistant Professor', 'M', 80000, '1-714-774-7821', 'PhD', '123 Main St CA 92702'),
('234-56-7890', 'Lisa Schaefer', 'Professor', 'F', 100000, '1-714-772-3485', 'PhD', '456 South West St CA 92865'),
('345-67-8901', 'Renato Archer', 'Professor', 'M', 120000, '1-714-819-2304', 'PhD', '789 Oakland St CA 92843');

INSERT INTO Course (C_Number, Title, Textbook, Units, D_Number, Prerequisite_Course_Number)

VALUES

('CPSC 121', 'Introduction to Computer Science', 'Starting Out with C++', 3, 'CPSC', NULL),
('CPSC 131', 'Data Structures and Programming Techniques', 'Data Structures and Algorithms in C++', 3, 'CPSC', 'CPSC 121'),
('ENGL 101', 'Composition and Rhetoric', 'The Norton Field Guide to Writing', 3, 'ENGL', NULL),
('MATH 150A', 'Calculus I', 'Calculus: Early Transcendentals', 4, NULL);


```
INSERT INTO Section (S_Number, C_Number, Classroom, Capacity,  
Meeting_Day, Beginning_Time, End_Time) VALUES  
( 'Section 01', 'CPSC 121', 'CS Building, Room 201', 30, 'MWF', '09:00:00',  
'09:50:00'),  
( 'Section 02', 'CPSC 121', 'CS Building, Room 332', 25, 'TTH', '11:00:00',  
'12:20:00'),  
( 'Section 01', 'CPSC 131', 'CS Building, Room 201', 40, 'MW', '01:00:00',  
'02:20:00'),  
( 'Section 02', 'CPSC 131', 'CS Building, Room 605', 20, 'TTH', '03:30:00',  
'04:50:00'),  
( 'Section 01', 'ENGL 101', 'Gordon Halls, Room 202', 35, 'MWF', '11:00:00',  
'11:50:00'),  
( 'Section 01', 'MATH 150A', 'McCarthy Hall, Room 601', 30, 'TTH', '10:00:00',  
'11:20:00');
```

```
UPDATE Section  
SET P_SSN = '123-45-6789'  
WHERE S_Number = 'Section 01' AND C_Number = 'CPSC 121';
```

```
UPDATE Section  
SET P_SSN = '123-45-6789'  
WHERE S_Number = 'Section 02' AND C_Number = 'CPSC 121';
```

```
UPDATE Section  
SET P_SSN = '123-45-6789'  
WHERE S_Number = 'Section 01' AND C_Number = 'CPSC 131';
```

```
UPDATE Section
```

```
SET P_SSN = '123-45-6789'
```

```
WHERE S_Number = 'Section 02' AND C_Number = 'CPSC 131';
```

```
UPDATE Section
```

```
SET P_SSN = '345-67-8901'
```

```
WHERE S_Number = 'Section 01' AND C_Number = 'ENGL 101';
```

```
UPDATE Section
```

```
SET P_SSN = '234-56-7890'
```

```
WHERE S_Number = 'Section 01' AND C_Number = 'MATH 150A';
```

```
INSERT INTO Student (ID, Fname, Lname, Address, Phone, D_Number)
```

```
VALUES
```

```
('103749882', 'Donny', 'Vazquez', '1232 Maryland St', '714-555-1212', 'CPSC'),
```

```
('932233223', 'Samuel', 'Patton', '4567 N. Hamilton St', '714-555-2121', 'CPSC'),
```

```
('123358250', 'Hazel', 'Merritt', '7890 Oakland St', '714-555-3434', 'CPSC'),
```

```
('796862879', 'Alice', 'Williams', '3213 Maple St', '714-555-4545', 'CPSC'),
```

```
('997342361', 'David', 'Lee', '987 North Cherry Drive St', '714-555-5656',
```

```
'ENGL'),
```

```
('339862886', 'Mary', 'Jones', '654 Lincoln St', '714-555-6767', 'ENGL'),
```

```
('736974249', 'Mark', 'Davis', '876 Cheddar Ave', '714-555-7878', 'MATH'),
```

```
('414101389', 'Karen', 'Taylor', '5434 South Birch St', '714-555-8989', 'MATH');
```

```
INSERT INTO Enroll (Student, C_Number, S_Number, Grade)
```

```
VALUES
```

```
('103749882', 'CPSC 121', 'Section 01', 'B'),
```

```
('932233223', 'CPSC 131', 'Section 01', 'A-'),
```

```
('123358250', 'ENGL 101', 'Section 01', 'C'),
```

('796862879', 'MATH 150A', 'Section 02', 'D+'),
('997342361', 'CPSC 121', 'Section 02', 'B-'),
('339862886', 'CPSC 131', 'Section 02', 'C+'),
('736974249', 'ENGL 101', 'Section 02', 'A'),
('414101389', 'MATH 150A', 'Section 01', 'C-'),
('103749882', 'ENGL 101', 'Section 01', 'B+'),
('932233223', 'MATH 150A', 'Section 01', 'D-'),
('123358250', 'CPSC 121', 'Section 02', 'F'),
('796862879', 'CPSC 131', 'Section 02', 'C'),
('997342361', 'ENGL 101', 'Section 02', 'A-'),
('339862886', 'MATH 150A', 'Section 02', 'B+'),
('736974249', 'CPSC 121', 'Section 01', 'B-'),
('414101389', 'CPSC 131', 'Section 01', 'D'),
('103749882', 'MATH 150A', 'Section 02', 'C+'),
('932233223', 'ENGL 101', 'Section 02', 'A'),
('123358250', 'CPSC 131', 'Section 01', 'B'),
('736974249', 'MATH 150A', 'Section 01', 'C-');

Web Interface & PHP Code:

1) index.php

```
<html>

<head>
  <title>Database Project</title>
  <style>
    h1 {
      font-size: 3em;
      color: #333;
      text-align: center;
      margin-top: 50px;
      margin-bottom: 50px;
    }
  </style>
</head>

<body>
  <div>
    <h1>Database Project</h1>
  </div>
</body>
</html>
```

```

        </style>
</head>

<body>
    <form method="POST">
        <h1>Welcome to Our Web Application Database Project</h1>
        <label for="user_type">Are you a professor or a
student?</label>
        <select name="user_type" id="user_type">
            <option value="professor">Professor</option>
            <option value="student">Student</option>
        </select>
        <input type="submit" value="Submit">
    </form>
</body>

</html>

<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $user_type = $_POST["user_type"];
    if ($user_type == "professor") {
        header("Location: professor.php");
        exit();
    } elseif ($user_type == "student") {
        header("Location: student.php");
        exit();
    }
}
?>

```

2) student.php

```

<html>

<head>
    <title>Database Project</title>
    <style>
        h1 {
            font-size: 3em;

```

```

        color: #333;
        text-align: center;
        margin-top: 50px;
        margin-bottom: 50px;
    }
    table {
        border-collapse: collapse;
        width: 100%;
    }
    th,
    td {
        padding: 8px;
        text-align: left;
        border-bottom: 1px solid #ddd;
    }
    th {
        background-color: #4CAF50;
        color: white;
    }
    tr:nth-child(even) {
        background-color: #f2f2f2;
    }
</style>
</head>

<body>
    <form method="GET">
        <h1>Welcome to Our Web Application Database Project</h1>
        <label for="search_course">Enter Course Number:</label>
        <input type="text" id="search_course" name="search_course">
        <input type="submit" value="Submit">
        <input type="button" value="Clear current query"
onclick="location.href='student.php';">
        <input type="button" value="Return to homepage"
onclick="location.href='index.php';">
    </form>
    <form method="GET">
        <label for="cw_id">Enter Student CWID:</label>
        <input type="text" id="cw_id" name="cw_id">
        <input type="submit" value="Submit">

```

```

        <input type="button" value="Clear current query"
onclick="location.href='student.php';">
        <input type="button" value="Return to homepage"
onclick="location.href='index.php';">
    </form>
    <?php
        // username and password need to be replaced by your
username and password
        // dbname is the same as your username

        $link = mysqli_connect('mariadb', 'cs332t9', 'br79JFW4',
'cs332t9');
        if (!$link) {
            die('Could not connect: ' . mysql_error());
        }
        echo 'Database loaded successfully.<p>';

        // Course sections query
        if (isset($_GET['search_course'])) {
            $search_course = mysqli_real_escape_string($link,
$_GET['search_course']);
            $section_query = "SELECT Section.S_Number,
Section.Classroom, Section.Meeting_day, Section.Beginning_time,
Section.End_time, COUNT(*) AS Enrollment FROM Section INNER JOIN
Enroll ON Section.S_Number = Enroll.S_Number AND Section.C_Number =
Enroll.C_Number WHERE Section.C_Number = '$search_course' GROUP BY
Section.S_Number";
            $section_result = $link->query($section_query);

            if ($section_result->num_rows > 0) {
                echo "<table>";
                echo "<tr><th>Section</th><th>Classroom</th><th>Meeting
Day</th><th>Time</th><th>Enrollment</th></tr>";

                while ($row = $section_result->fetch_assoc()) {
                    echo "<tr>";
                    echo "<td>".$row["S_Number"]."</td>";
                    echo "<td>".$row["Classroom"]."</td>";
                    echo "<td>".$row["Meeting_day"]."</td>";

```

```

        echo "<td>".$row["Beginning_time"]." -
".$row["End_time"]."</td>";
        echo "<td>".$row["Enrollment"]."</td>";
        echo "</tr>";
    }
    echo "</table>";
} else {
    echo "No results found.";
}

$section_result->free_result();
}

// Check for a submitted CWID
if (isset($_GET['cw_id'])) {
    $cwid = mysqli_real_escape_string($link, $_GET['cw_id']);

    // Query the database for the student's courses and grades
    $query = "SELECT Course.C_Number, Course.Title, Enroll.Grade
    FROM Enroll
    INNER JOIN Course ON Enroll.C_Number = Course.C_Number
    WHERE Enroll.Student = '$cwid'";
    $result = mysqli_query($link, $query);

    // Display the results in a table
    if (mysqli_num_rows($result) > 0) {
        echo "<table>";
        echo "<tr><th>Course Number</th><th>Course
Title</th><th>Grade</th></tr>";

        while ($row = mysqli_fetch_assoc($result)) {
            echo "<tr>";
            echo "<td>".$row["C_Number"]."</td>";
            echo "<td>".$row["Title"]."</td>";
            echo "<td>".$row["Grade"]."</td>";
            echo "</tr>";
        }

        echo "</table>";
    } else {

```

```

        echo "No results found.";
    }

    // Free the result set
    mysqli_free_result($result);
}

$link->close();
?>
</body>

</html>

```

3) professor.php

```

<html>

<head>
    <title>Database Project</title>
    <style>
        h1 {
            font-size: 3em;
            color: #333;
            text-align: center;
            margin-top: 50px;
            margin-bottom: 50px;
        }
        table {
            border-collapse: collapse;
            width: 100%;
        }
        th,
        td {
            padding: 8px;
            text-align: left;
            border-bottom: 1px solid #ddd;
        }
        th {
            background-color: #4CAF50;
            color: white;

```



```

    }
    tr:nth-child(even) {
        background-color: #f2f2f2;
    }
</style>
</head>

<body>
    <form method="GET">
        <h1>Welcome to Our Web Application Database Project</h1>
        <label for="search_ssn">Enter Professor SSN:</label>
        <input type="text" id="search_ssn" name="search_ssn">
        <input type="submit" value="Submit">
        <input type="button" value="Clear current query"
onclick="location.href='professor.php';">
        <input type="button" value="Return to homepage"
onclick="location.href='index.php';">
    </form>
    <form method="GET">
        <label for="search_course">Enter Course Number:</label>
        <input type="text" id="search_course" name="search_course">
        <label for="search_section">Enter Section Number:</label>
        <input type="text" id="search_section"
name="search_section">
        <input type="submit" value="Submit">
        <input type="button" value="Clear current query"
onclick="location.href='professor.php';">
        <input type="button" value="Return to homepage"
onclick="location.href='index.php';">
    </form>
    <?php
        // username and password need to be replaced by your username
and password
        // dbname is the same as your username

        $link = mysqli_connect('mariadb', 'cs332t9', 'br79JFW4',
'cs332t9');
        if (!$link) {
            die('Could not connect: ' . mysql_error());
        }

```

```

echo 'Database loaded successfully.<p>';

//Professor SSN query
if (isset($_GET['search_ssn'])) {
    $search_ssn = mysqli_real_escape_string($link,
$_GET['search_ssn']);
    $prof_query = "SELECT S_Number, C_Number, Classroom,
Meeting_day, Beginning_time, End_time FROM Section WHERE P_SSN =
'$search_ssn'";
    $prof_result = $link->query($prof_query);

    if ($prof_result->num_rows > 0) {
        echo "<table>";
        echo "<tr><th>Section</th><th>Course
Name</th><th>Classroom</th><th>Meeting Day</th><th>Time</th></tr>";

        while ($row = $prof_result->fetch_assoc()) {
            echo "<tr>";
            echo "<td>".$row["S_Number"]."</td>";
            echo "<td>".$row["C_Number"]."</td>";
            echo "<td>".$row["Classroom"]."</td>";
            echo "<td>".$row["Meeting_day"]."</td>";
            echo "<td>".$row["Beginning_time"]." -
".$row["End_time"]."</td>";
            echo "</tr>";
        }

        echo "</table>";
    } else {
        echo "No results found.";
    }
    $prof_result->free_result();
}

//Course and section number query
if (isset($_GET['search_course']) &&
isset($_GET['search_section'])) {
    $search_course = mysqli_real_escape_string($link,
$_GET['search_course']);

```

```

        $search_section = mysqli_real_escape_string($link,
$_GET['search_section']);

        $grades_query = "SELECT Grade, COUNT(*) as count FROM Enroll
WHERE C_Number = '$search_course' AND S_Number = '$search_section'
GROUP BY Grade";

        $grades_result = $link->query($grades_query);

        if ($grades_result->num_rows > 0) {
            echo "<table>";
            echo "<tr><th>Grade</th><th>Count</th></tr>";

            while ($row = $grades_result->fetch_assoc()) {
                echo "<tr>";
                echo "<td>".$row["Grade"]."</td>";
                echo "<td>".$row["count"]."</td>";
                echo "</tr>";
            }

            echo "</table>";
        } else {
            echo "No results found.";
        }
        $grades_result->free_result();
    }

    $link->close();
?>
</body>

</html>

```

Interface Screenshots:

Welcome to Our Web Applic

Enter Professor SSN:

Enter Course Number: Enter Section Number:

Database loaded successfully.

Welcome to

Enter Course Number:

Enter Student CWID:

Database loaded successfully.

Student List(use to know what to insert):

CWID	Fname	Lname	D_Num
103749882	Donny	Vazquez	CPSC
123358250	Hazel	Merritt	CPSC
339862886	Mary	Jones	ENGL
414101389	Karen	Taylor	MATH
736974249	Mark	Davis	MATH
796862879	Alice	Williams	CPSC
932233223	Samuel	Patton	CPSC
997342361	David	Lee	ENGL

Professor List (use to know what to insert):

SSN	Name
123-45-6789	Bernie Howell
234-56-7890	Lisa Schaefer
345-67-8901	Renato Archer

Course List (use to know what to insert)

Course Number	Sections
CPSC 121	Section 01 and Section 02
CPSC 131	Section 01 and Section 02
ENGL 101	Section 01 and Section 02
MATH 150A	Section 01 and Section 02

Picture of Output:

Welcome to Our Web Application Database Project

Enter Professor SSN:

Submit

Clear current query

Return to homepage

Enter Course Number:

Enter Section Number:

Submit

Clear current query

Return to homepage

Database loaded successfully.

Welcome to Our Web Application Database Project

Enter Professor SSN:

Submit

Clear current query

Return to homepage

Enter Course Number:

Enter Section Number:

Submit

Clear current query

Return to homepage

Database loaded successfully.

Section	Course Name	Classroom	Meeting Day	Time
Section 01	CPSC 121	CS Building, Room 201	MWF	09:00:00 - 09:50:00
Section 01	CPSC 131	CS Building, Room 201	MW	01:00:00 - 02:20:00
Section 02	CPSC 121	CS Building, Room 332	TTH	11:00:00 - 12:20:00
Section 02	CPSC 131	CS Building, Room 605	TTH	03:30:00 - 04:50:00

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Enter Professor SSN:

Enter Course Number: Enter Section Number:

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Enter Professor SSN:

Enter Course Number: Enter Section Number:

Database loaded successfully.

Grade	Count
B	1
B-	1

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Enter Course Number:

Enter Student CWID:

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Enter Course Number:

Enter Student CWID:

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Section	Classroom	Meeting Day	Time	Enrollment
Section 01	CS Building, Room 201	MW	01:00:00 - 02:20:00	3
Section 02	CS Building, Room 605	TTH	03:30:00 - 04:50:00	2

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Enter Course Number:

Enter Student CWID:

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Course Number	Course Title	Grade
CPSC 121	Introduction to Computer Science	B-
ENGL 101	Composition and Rhetoric	A
MATH 150A	Calculus I	C-