WEB APPLICATION DOCUMENTATION

MODELS

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LOCATION: ApplicationLayer/Models

Admin Class (Admin.cs)

```
public class Admin
{
    public int AdminId { get; set; }

    public string FirstName { get; set; }

    public string LastName { get; set; }

    public string Email { get; set; }

    public string Password { get; set; }
}
```

Course Class (Course.cs)

```
public class Course
{
    public int CourseId { get; set; }

    public string CourseNumber { get; set; }

    public string CourseTitle { get; set; }

    public string Description { get; set; }

    public string prereq { get; set; }

    public int unit { get; set; }



    public override string ToString()
    {
        return this.CourseId + "-" +  this.CourseTitle +
        "-" + this.Description + "-" + this.prereq + "-" + this.unit;
    }
}
```

Instructor To Course Class (Instructor_To_Course.cs)

```
public class Instructor_To_Course
{
    public int CourseId { get; set; }

    public string CourseTitle { get; set; }

    public int InstructorId { get; set; }


    public override string ToString()
    {
        return this.CourseId + "-" +  this.CourseTitle +
        "-" + this.InstructorId;
    }
}
```

Student To Course Class (Student_To_Course.cs)

```
public class Student_To_Course
{
    public int CourseId { get; set; }

    public string CourseTitle { get; set; }

    public int StudentId { get; set; }


    public override string ToString()
    {
        return this.CourseId + "-" +  this.CourseTitle +
        "-" + this.InstructorId;
    }
}
```

Enrollment Class (Enrollment.cs)

```
public class Enrollment
{
    public string StudentId { get; set; }

    public int ScheduleId { get; set; }

}
```

Logon Class (Logon.cs)

```
public class Logon
{
    public string UserName { get; set; }

    public string Password { get; set; }

    public string Id { get; set; }

    public string Role { get; set; }

    public override string ToString()
    {
        return this.UserName + "-" + this.Id + "-" + this.Role;
    }
}
```

Schedule Class (Schedule.cs)

```
public class Schedule
{
    public int ScheduleId { get; set; }

    public string Year { get; set; }

    public string Quarter { get; set; }

    public string Session { get; set; }

    public string Course { get; set; }

    public override string ToString()
    {
        return this.ScheduleId + "-"
        + this.Year + "-" + this.Quarter +
        + "-" + this.Session + "-" + this.Course;
    }
}
```

Student Class (Student.cs)

```
public class Student
{
    public string StudentId { get; set; }
```

```
    public string FirstName { get; set; }

    public string LastName { get; set; }

    public string Email { get; set; }

    public string Password { get; set; }

    public List<Schedule> Enrolled { get; set; }

    public override string ToString()
    {
        return this.StudentId + "-"
            + this.FirstName + "-"
            + this.LastName + "-"
            + this.Email + "-"
            + this.Password + "-";
    }
}
```

Instructor Class (Instructor.cs)

```
public class Instructor
{
    public string InstructorId { get; set; }

    public string FirstName { get; set; }

    public string LastName { get; set; }

    public string Email { get; set; }

    public string Password { get; set; }

    public override string ToString()
    {
        return this.InstructorId + "-"
            + this.FirstName + "-"
            + this.LastName + "-"
            + this.Email + "-"
            + this.Password + "-";
    }
}
```