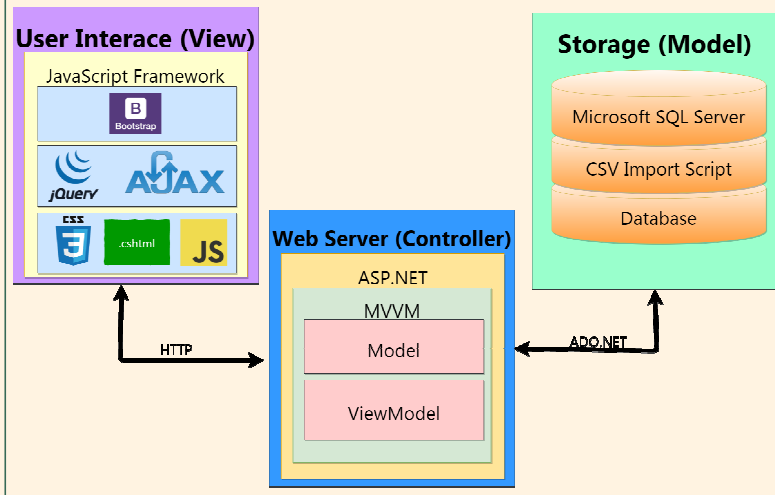


Rockwell Automation CampusNet System

Derrick Awuah Joseph Mitchell Cassandra Rodano Abdul Mujeeb
 Faculty Advisor: Dr. Sunnie S. Chung | Rockwell Automation Sponsor: Marzell Brown

Rosly's goal is to give companies an easy, cost effective, scalable web service system to manage their employee training opportunities.

System Architecture

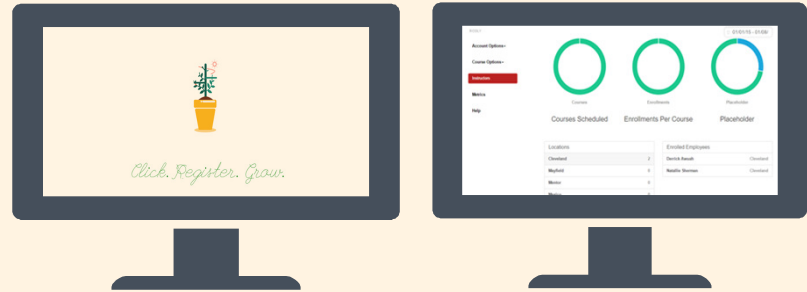


User Interface

JavaScript Framework

Responsive Webpage & Dynamic Webpage Changes

Design Goals: Increase Productivity, Intuitive Design, & Professional Look



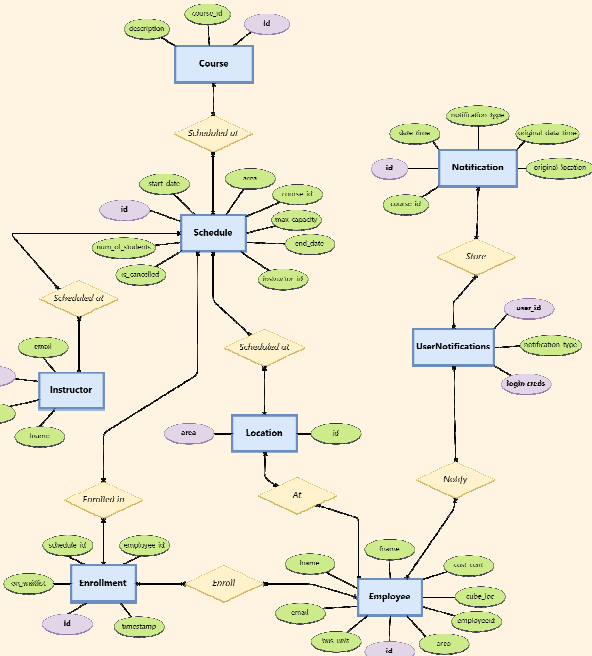
JavaScript Framework:

- Bootstrap: Responsive Webpage
- JQuery with Ajax: Dynamic Webpage Changes
- CSS, HTML, JavaScript

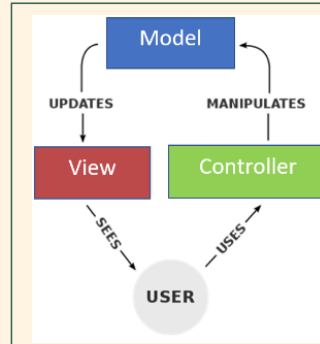
Database System Design

Microsoft SQL Server

Many – To – Many Relationships



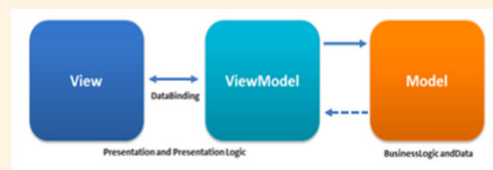
Web Server System Design



Model – View – Controller (MVC)

- Separation of Concerns
- Well Organized
- Full Control over Application Behavior

Model – View – ViewModel (MVMM) Architecture



- Model
 - Business Logic
- View and View Model
 - Data Binding
 - Presentation Logic