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Database Driven events page for universities

Group #16

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# Project Description / Overview

Jesse… Add the description here.

We accomplished this goal by building a website using the Model, View, Controller (MVC) architecture in the C# language. The front-end of the project is built entirely in .cshtml (a hybrid of C# and HTML) and it uses JavaScript to connect to a REST API Controller layer. From there, we’ve built a Contracts project that the front-end requests are converted to. These Contracts (named Request and Response, respectfully) are sent to the Database Connection layer where we use ADO.NET to insert into the Database, hosted in SQL Server and interfaced with SQL Server Management Studio.

# GUI

Will add screenshots here once the front-end is fully finished.

# ER-Model

# 3NF decomposition

# The Relational Data Model

# Table Populations

# SQL Examples and Results

# Constraint Enforcements

# Software Installation instructions

The website requires a few pre-requisites in order to install on a Windows Machine / Server (which the website was built for). These pre-requirements are as follows:

1. Internet Information and Services is enabled on your Windows PC / Server. For more information on how to do this, please look here: <https://docs.microsoft.com/en-us/previous-versions/ms181052(v=vs.80)>
2. SQL Server and SQL Server Management Studio is installed on your machine.

# Advanced Features

# Conclusions and Observations