Benchmark: Bible Verse Application

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Technical Approach:

The technical approach for this assignment was to create a Bible Verse Search application using N-Layer web architecture. This was to be designed using a DAO design pattern With OOP principles. I started by opening a new .NET web application and created my verse model. From there I made the controller with views that I wanted the user to see. I implemented the DAO using a local SQL database with the verse information from scrollmapper/bible\_databases, and constructed the query statements that the controller and views can use to display the selected/searched for terms.

Explanation of how this application would be used to impact a Christian community, how would it serve the customer, and what problems it solves.

This application could help in a church or bible study setting. I would like to eventually implement a random daily affirmation part that could help keep peoples mind on track. Would love to even implement a search for verses that have to do with something the user is dealing with i.e. Difficult decision, and provide them with verses to help reaffirm them and give them comfort. This application could be used at home, school, or even work. There is no limits when it comes to the word of God and its impact on those who believe.

Database ER Diagram:

A screen shot of a computer program

Description automatically generated with low confidence

I utilized the SQL bible database from scrollmapper/bible\_databases with the American Standard- ASV1901 Bible.

Screenshots:

A screenshot of a computer

Description automatically generated with medium confidence

Home Page

A screenshot of a computer

Description automatically generated

Verse Search Form

A screenshot of a computer

Description automatically generated with medium confidence

Search result of the book of Ezra Chapter 2

A screen shot of a computer

Description automatically generated with low confidence

Here we searched Second Kings for the keyword Jesus, no results found.

A screenshot of a computer

Description automatically generated with medium confidence

Here we searched for the keyword God in the book of Ruth.