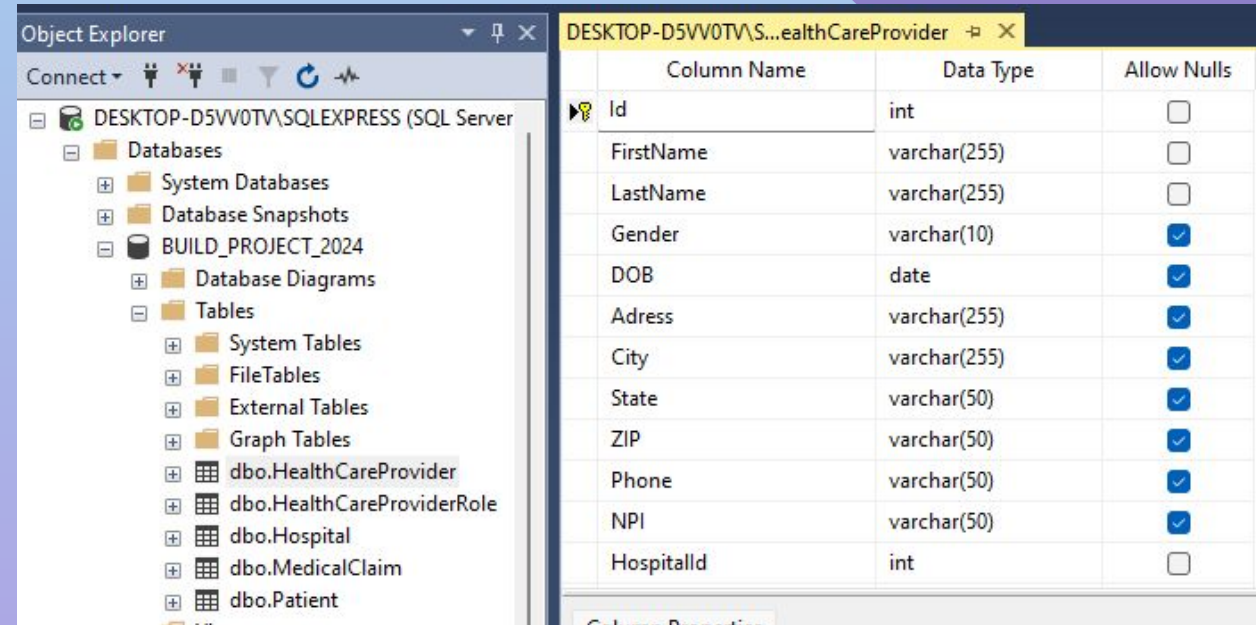# Build Fellowship
Web Application Project

By: Sheikh Arian

Simple hospital-themed database, presented through a functioning website.

Database Creation

- Tables created for:
  - HealthCare Providers
  - Provider Roles
  - Patients
  - Medical Claims
  - Hospital
- Keys created for each table.
  - Primary and Foreign keys.
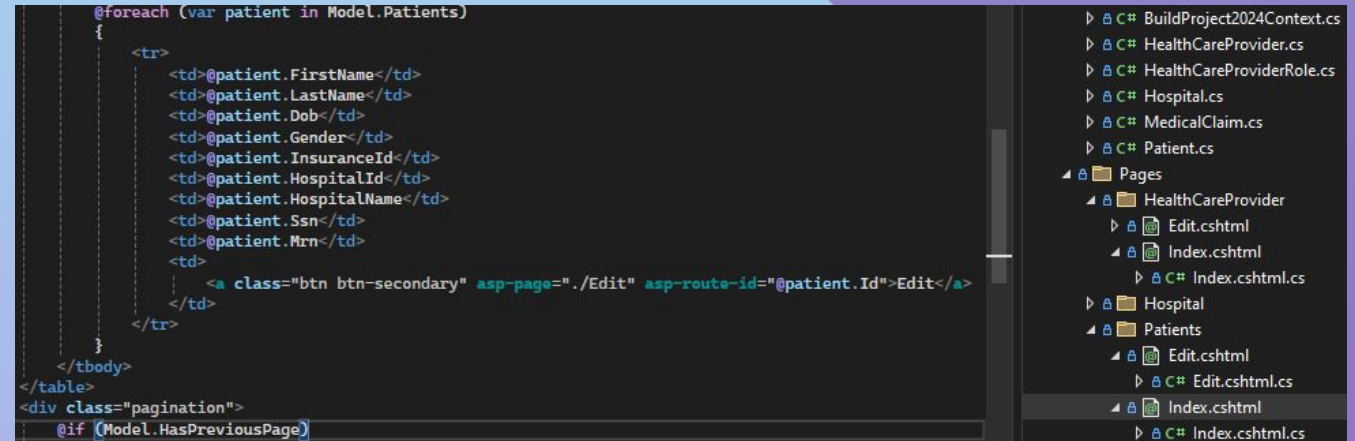- Specific Columns allow null values.

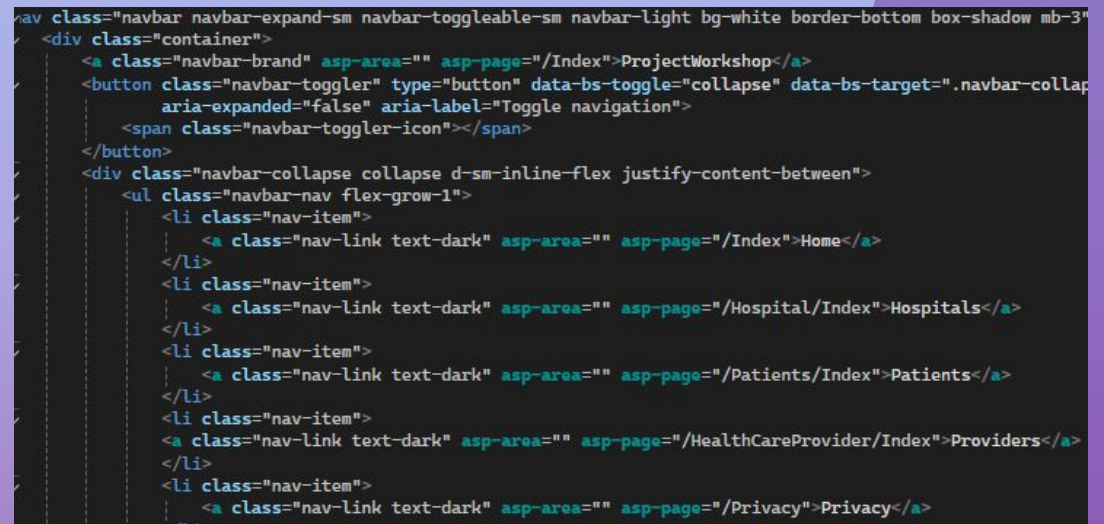HealthCare Provider table design. Some columns allow null.

Website Creation

- Obtains preset data for each table.
  - PageModels with get/set methods.
- Html files for layout design.
  - Basic presentation of data.
  - Links to members based on hospital.
- Layout file for general navigation.
  - Header bar with functional links.
- Buttons to add/edit database.
  - Can edit current data and save.
  - Able to create new patients, healthcare workers and hospitals.
  - DOB data field has functional calendar feature.

Basic layout file for Patient page, edit button can be seen.

General Layout file, header bar links can be seen.

Website Styling
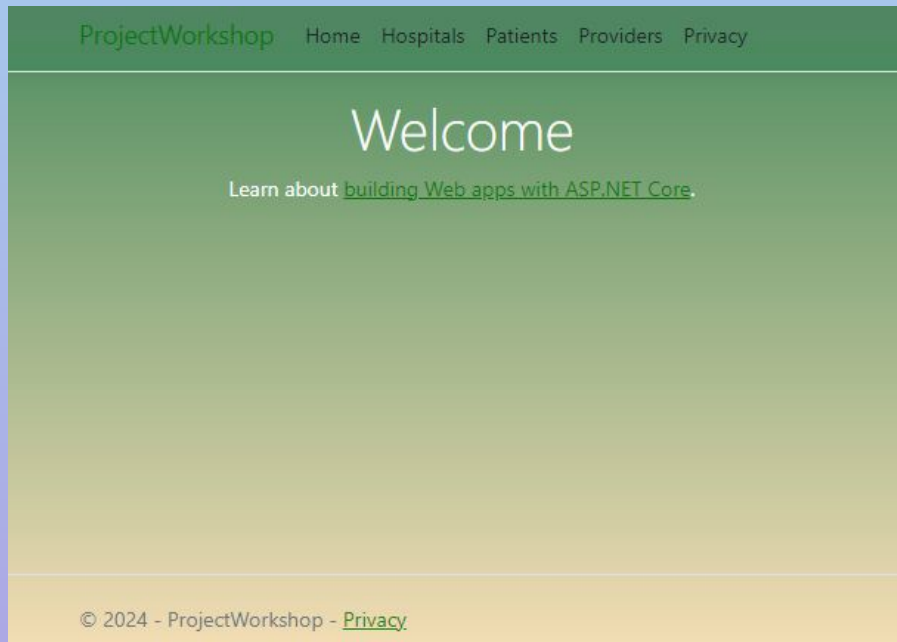
Green/Tan colorway background with specific White text for clarity.

Dark Green buttons and Dark Green link text for clarity.
Patients and Providers can show belonging Hospital.

Lessons? Challenges?

- Using multiple programs towards one goal.
    - SQL Management Studio for database creation.
    - Microsoft Visual Studio for database presentation.
- Utilizing web elements in junction with C#.
    - C# files for get/set methods of information.
    - Html and CSS files for website presentation.
- Having edit/add features for tables.
    - Showing current information of row being edited.
    - Saving new information to be showed on re-open.

Thank you
for this Opportunity!

This was an extremely educational experience.

Thank You
Pavel Tarasenko

Thank You
Build Fellowship

Thank You
Workshop-Mates