Technical Specification

[Age Ranger ASP.Net]

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# INTRODUCTION

## Objectives

A traditional web application to allow users to add new client details to the database and search the clients with their first name or last name.

## Scope

This application is for testing purpose.

# Functionality

Basic and traditional application and basic CRUD operations.

## Use Case Diagram

## Site Map

## Field Matrix

# Achitecture

## Architecture Overview

Application is designed using the singleton pattern.

## Component Structure

Application has supporting client components like Sqlite assemblies which can be integrated using the Nuget.

## Application Interfaces

Design.aspx is the only single page/

# CODE

## File Names and Structure

Design and Logic:

1. Details.aspx has the asp controls with bootstrap css file to style the elements and .cs file has all the business logic written in C#.

Display the cards of the user.

Content:

Bootstrap CSS files from Nuget.

Include the route map URL in RouteConfig.cs

## Libraries, WebConfig and Structure

1. Install Sqlite using the Nugetpackage manager
2. Added Web references for Sqlite
3. Other required web references.
4. Add the connection string for AgeRanger.db in Webconfig.

## Database Scheme Structure NA