Service Finder

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Mission Statement

The aging of America requires additional resources and personnel to help our increasingly aging population grow old with grace and dignity. Our nursing home care model is failing and economic pressures often do not allow family members to care for their own. Organizations that do exist to help fill these gaps frequently do not have the resources necessary to fully support their mission.

This project stems from the needs of these support organizations and is an effort to provide a tool that will improve the efficiency of finding support resources for their clients.

The mission of this project is to help care managers find service organizations that match the needs of their clients.

Database & Wireframe

The database will consist of five tables with a few many-to-many relationships between data objects.

One-to-Many Many-to-Many

Table 1

|  |  |
| --- | --- |
| CLIENTS |  |
| Id | Int |
| ClientName | String |
| Location | String |
| CaseMgr | String |

Table 2

|  |  |
| --- | --- |
| NOTES |  |
| NoteId | Int |
| Content | String |
| ServiceName | String |

Table 3

|  |  |
| --- | --- |
| SERVICES |  |
| ServiceId | Int |
| ServiceName | String |

Table 4

|  |  |
| --- | --- |
| SERVICE PROVIDERS |  |
| ProvId | Int |
| ProvName | String |
| Location | String |
| ServiceName | String |

Table 5

|  |  |
| --- | --- |
| LOCATIONS |  |
| Location | String |
| County | String |
| ZipCode | String |

Additional Tables

Additional tables for expanded functionality may include database structure and functionality based on the time frame required for a needed service and the time frame available for the provision of a service.

Endpoints

The primary user of this app is the Case Manager who will enter data into the Note table and will use information from the other tables to find and coordinate the provision of service from a Service Provider. Although the Case Manager (CM) is the primary user, the CM only has access to get/post data to the Note table. The administration of the remaining tables will be conducted by the ‘clinical’ managers of the CM. They will post/edit/delete information about Service Providers. No information will be allowed to be deleted from Notes.

Features

|  |  |
| --- | --- |
| Version 1.0 / MVP | Version 2.0 / Stretch Goals |
| * This app will be Full Stack WebMVC with front and back end specialization. * The database structure will be heavy on many-to-many relationships. * Basic feature is matching service need with service provider. | * The app would benefit from future development that incorporates time frames for both the needed service and service availability. Scheduling. * Integration with a mapping app would also provide benefit. |

Schedule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Day 1** | **Day 2** | **Day 3** | **Day 4** | **Day 5** | **Day 6** | **Day 7** |
| Planning  Document | Back end  coding to  achieve  MVP. | Back end  coding to  achieve  MVP. | Front end  Coding to  achieve  MVP. | Front end  Coding to  achieve  MVP. | Front end  Coding to  achieve  MVP. | Back end feature  testing &  refinement. |
| **Day 8** | **Day 9** | **Day 10** | **Day 11** | **Day 12** | **Day 13** | **Day 14** |
| Back end feature  testing &  refinement. | Front end  feature  testing & refinement | Front end  feature  testing & refinement | Front end  feature  testing & refinement | Overall testing &  refinement | Readme |  |
| **Day 15** | **Day 16 –** Due Date. |  |  |  |  |  |