New Project > ASP.NET MVC4 “CodeTalk” > Internet Application

Rename CodeTalk project to CodeTalk.**Web**

Add 3 Class Library projects:

* CodeTalk.DataSource

DataSource

Domain

ServiceLayer

Web

* CodeTalk.Domain
* CodeTalk.ServiceLayer

Add references:

CodeTalk.**DataSource** ->

* CodeTalk.Domain
* EntityFramework

CodeTalk.**Domain** (none)

CodeTalk.**ServiceLayer**

* CodeTalk.DataSource
* CodeTalk.Domain

CodeTalk.**Web**

* CodeTalk.Domain
* CodeTalk.ServiceLayer
* EntityFramework

**Solution Structure**

4 projects:

|  |  |
| --- | --- |
| CodeTalk.Domain | \Models  \Contracts\Repositories  \Contracts\Services |
| CodeTalk.DataSource | \  \Repositories |
| CodeTalk.ServiceLayer | \ |
| CodeTalk.Web | \Controllers  \Views |

**Roadmap**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1. | [Model](CodeTalk2%20-%20Steps.docx#Model) |  |  |  |  |
|  |  | CodeTalk.**Domain** | Models\ | Talk.cs |  |
|  |  |  |  | Comment.cs |  |
| 2. | [Interfaces](CodeTalk2%20-%20Steps.docx#Interfaces) |  |  |  |  |
|  |  | CodeTalk.**Domain** | Contracts\Repositories\ | ITalkRepository.cs | using CodeTalk.Domain.Models; |
|  |  |  |  |  |  |
| 3. | [Context](CodeTalk2%20-%20Steps.docx#Context) |  |  |  |  |
|  |  | CodeTalk.**DataSource** | \ | CodeTalkContext.cs | using CodeTalk.Domain.Models; |
| 4. | [Repository](CodeTalk2%20-%20Steps.docx#Repository) |  |  |  |  |
|  |  | CodeTalk.**DataSource** | \Repositories\ | TalkRepository.cs | using CodeTalk.Domain.Models;  using CodeTalk.Domain.Contracts;  using CodeTalk.Domain.Contracts.Repositories; |
|  |  |  |  |  |  |
| 5. | [ServiceLayer](CodeTalk2%20-%20Steps.docx#ServiceLayer) |  |  |  |  |
|  |  | CodeTalk.**Domain** | Contracts\Services\ | ITalkService.cs | using CodeTalk.Domain.Models; |
|  |  |  |  |  |  |
|  |  | CodeTalk.**ServiceLayer** | \ | TalkService.cs | using CodeTalk.Domain.Models;  using CodeTalk.Domain.Contracts.Services;  using CodeTalk.DataSource;  using CodeTalk.DataSource.Repositories; |
|  |  |  |  |  |  |
| 6. | [Controller](CodeTalk2%20-%20Steps.docx#Controller) |  |  |  |  |
|  |  | CodeTalk.**Web** | \Controllers | TalkController.cs | using CodeTalk.Domain.Models;  using CodeTalk.ServiceLayer; |
|  |  |  |  |  |  |
| 7. | [Views](CodeTalk2%20-%20Steps.docx#Views) |  |  |  |  |
|  |  | CodeTalk.**Web** | \Views\Shared | \_Layout.cshtml |  |
|  |  | CodeTalk.**Web** | \Views\Talk | Index.cshtml  Insert.cshtml | @model IEnumerable<CodeTalk.Domain.Models.Talk>  @model CodeTalk.Domain.Models.Talk |