**CookBook - Project Scope Specifics**

1. **Presentation Layer (User/Client interface):** 
   1. **Involves: HTML, CSS, XML (or JSON), JavaScript, ASP.Net, *Research, Testing***
      1. **HTML for web page layout**
      2. **CSS for styling web pages**
      3. **XML (or JSON) for data representation**
      4. **JavaScript for logic handling**
      5. **ASP for server request handling**
   2. **GUI Design Model (a visual outline)**
   3. **Web application pages:**
      1. **Home (Ex. Top recipes, random registered user profiles, signup and log-in links**
      2. **Signup/Registration Form**
      3. **Sign-in Form**
      4. **Profile**
      5. **Account view/edit (username, fullname, email, etc.)**
      6. **Cookbook**
      7. **Recipe Submission Form**
      8. **Recipe Calculator**
      9. **Search users, recipes**
      10. **About**
2. **Domain Layer (Business)**
   1. **Involves C#, SQL Query, HTTP Request, Json (or XML), research**
      1. **Create Model (visual of classes and object relationships)**
         1. **Modules/Packages/Namespaces:**
            1. **User**
            2. **Account**
            3. **Review**
            4. **Search**
            5. **Cookbook**
            6. **Messaging System**
      2. **Code implementation of the model**
         1. **Documentation (comments)**
         2. **Test cases**
         3. **Database query integration**
         4. **Web HTTP request integration**
3. **Data access Layer (Persistence)**
   1. **Involves SQL, DDL (Data Definition Language), Server setup**
   2. **Create Relational Database Model**
   3. **Implement model using DDL or Alternative for table creation**
   4. **Test get, post, put and delete statement**
   5. **Write queries to support Domain objects and HTTP request**