**Abstract:**

Content Management System is an application to maintain offline content like, html content, text content into Database with following Data Dictionary.

**11. Data Dictionary**

Table:**AdminRegistration**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.No** | **Field Name** | **Data Type** | **Constraint** |
| 1. | FirstName | varchar(50) |  |
| 2. | LastName | varchar(50) |  |
| 3. | Dob | DateTime |  |
| 4. | Gender | varchar(10) |  |
| 5. | Email | varchar(50) | PK\_Email |
| 6. | Address | varchar(100) |  |
| 7. | Password | varchar(20) |  |

Table:**SubjectMaster**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.No** | **Field Name** | **Data Type** | **Constraint** |
| 1. | SubjectId | varchar(50) | PK\_SubjectId |
| 2. | SubjectName | varchar(50) |  |
| 3. | LastUpdatedOn | DateTime |  |
| 4. | Domain | varchar(50) |  |

Table: **ChapterMaster**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.No** | **Field Name** | **Data Type** | **Constraint** |
| 1. | SubjectId | varchar(50) | FK\_SubjectId |
| 2. | ChapterName | varchar(50) | PK\_ChapterName |
| 3. | LastUpdatedOn | DateTime |  |

Table: **TopicMaster**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.No** | **Field Name** | **Data Type** | **Constraint** |
| 1. | SubjectId | varchar(50) | FK\_SubjectId |
| 2. | ChapterName | varchar(50) | FK\_ChapterName |
| 3. | TopicName | varchar(50) | PK\_TopicName |
| 4. | LastUpdatedOn | DateTime |  |
| 5. | Content | varchar(MAX) |  |
| 6. | UploadedDate | Datetime |  |

Table:**LearnerProfile**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.No** | **Field Name** | **Data Type** | **Constraint** |
| 1. | FirstName | varchar(50) |  |
| 2. | LastName | varchar(50) |  |
| 3. | Dob | DateTime |  |
| 4. | Gender | varchar(10) |  |
| 5. | Email | varchar(100) | PK\_LPEmail |
| 6. | Remark | varchar(100) |  |
| 7. | Password | varchar(20) |  |

**Note: Please follow below Instruction:**

* 3 tier Architecture Model
* Microsoft coding standards
* Database should be normalized
* Use of SP for all database operations
* Appropriate security measures needs to implement.