**Data Dictionaries // Confirm by Coders (Mon Tee, Htut Myat Linn, Kyaw Zayar Tun)**

1. **Table - Role**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table name – Role**  **Primary Key – RoleID**  **Foreign Key – none** | | | | |
| **Column Name** | **Type** | **Length** | **Key** | **Description** |
| RoleID | Int |  | Primary Key | Unique (AI)  Not null  Identification number of a role |
| Role | Varchar | 30 |  | Not null  The name of the role  (Administrator, Marketing Manager, Marketing Coordinator, Student, Guest) |
| Functionalities | Varchar | 255 |  | The accessible functions’ description |

1. **Table - Faculty**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table name – Faculty**  **Primary Key – FacultyID**  **Foreign Key – none** | | | | |
| **Column Name** | **Type** | **Length** | **Key** | **Description** |
| FacultyID | Int |  | Primary Key | Unique (AI)  Not null  Identification number of a role |
| Faculty | Varchar | 255 |  | Not null  The name of the faculty |
| ContactNumber | Varchar | 20 |  | Phone number of the faculty |

1. **Table – User**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table name – User**  **Primary Key – UserID**  **Foreign Key – FacultyID, RoleID** | | | | |
| **Column Name** | **Type** | **Length** | **Key** | **Description** |
| UserID | Varchar | 7 | Primary Key | Unique (AI)  Not null  Identification number of a user (e.g. U000001) |
| Username | Varchar | 30 |  | Username |
| FirstName | Varchar | 30 |  | User’s first name |
| LastName | Varchar | 30 |  | User’s last name |
| Email | Varchar | 30 |  | User Email |
| Password | Varchar | 16 |  | User password (hexadecimal: 8-16) |
| FacultyID | Int |  | Foreign Key | Identification number of faculty |
| RoleID | Int |  | Foreign Key | Identification number of role |
| LastLoginDate | Date |  |  | Last Login Date of the user |
| LastPasswordChangedDate | Date |  |  | Last Password Changed Date of the user |
| PasswordExpiredDate | Date |  |  | User password expired date |
| ProfileImage | Varchar | 255 |  | Profile picture of the user |

1. **Table – AcademicYear**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table name – AcademicYear**  **Primary Key – AcademicYearID**  **Foreign Key – none** | | | | |
| **Column Name** | **Type** | **Length** | **Key** | **Description** |
| AcademicYearID | Int |  | Primary Key | Unique (AI)  Not null  Identification number of Academic Year |
| AcademicYear | Varchar | 20 |  | Not null  Academic Year (e.g. 2024-2025) |

1. **Intake**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table name – Intake**  **Primary Key – IntakeID**  **Foreign Key – AcademicYearID** | | | | |
| **Column Name** | **Type** | **Length** | **Key** | **Description** |
| IntakeID | Int |  | Primary Key | Unique (AI)  Not null  Identification number of Academic Year |
| Intake | Varchar | 50 |  | Not null  Intake of the academic year |
| AcademicYearID | Int |  | Foreign Key | Not null  Identification Number of Academic Year |
| ClosureDate | Date |  |  | Closure date for contribution submission |
| FinalClosureDate | Date |  |  | Final closure date for contribution update process |

1. **Table – ContributionCategory**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table name – ContributionCategory**  **Primary Key – ContributionCategoryID**  **Foreign Key – none** | | | | |
| **Column Name** | **Type** | **Length** | **Key** | **Description** |
| ContributionCategoryID | Int |  | Primary Key | Unique (AI)  Not null  Identification number of contribution category |
| ContributionCategory | Varchar | 255 |  | Not null  Contribution Category (e.g. poem, article, short stories) |

1. **Table – Contribution**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table name – Contribution**  **Primary Key – ContributionID**  **Foreign Key – ContributionCategoryID, UserID, IntakeID** | | | | |
| **Column Name** | **Type** | **Length** | **Key** | **Description** |
| ContributionID | Int |  | Primary Key | Unique (AI)  Not null  Identification number of contribution |
| IntakeID | Int |  | Foreign Key | Not null  Identification number of Intake |
| ContributionCategoryID | Int |  | Foreign Key | Not null  Identification number of Contribution Category |
| ContributionCover | Text |  |  | To specify the contribution main cover |
| ContributionTitle | Varchar | 70 |  | Not null  The title of the contribution (Word count limitation should be set for the title) |
| ContributionFilePath | Text |  |  | Word file path of the contribution |
| UserID | Varchar | 7 | Foreign Key | Identification number of user |
| SubmittedDate | Date |  |  | Contribution submission date |
| ContributionStatus | Varchar | 20 |  | The status of contribution (Upload, Reject, Update, Select, Publish) |
| ViewCount | Int |  |  | The count of users who view the contribution |

1. **Table – ContributionImage**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table name – ContributionImage**  **Primary Key – ContributionImageID**  **Foreign Key – ContributionID** | | | | |
| **Column Name** | **Type** | **Length** | **Key** | **Description** |
| ContributionImageID | Int |  | Primary Key | Unique (AI)  Not null  Identification number of contribution image |
| ContributionImagePath | Text |  |  | Image file path of the contribution image |
| ContributionID | Int |  | Foreign Key | Not null  Identification number of contribution |

1. **Table – Feedback**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table name – Feedback**  **Primary Key – FeedbackID**  **Foreign Key – ContributionID, UserID** | | | | |
| **Column Name** | **Type** | **Length** | **Key** | **Description** |
| FeedbackID | Int |  | Primary Key | Unique (AI)  Not null  Identification number of feedback |
| ContributionID | Int |  | Foreign Key | Not null  Identification number of Contribution |
| UserID | Varchar | 7 | Foreign Key | Not null  Identification number of User |
| FeedbackGivenDate | Timestamp |  |  | Feedback date |
| Feedback | Varchar | 255 |  | Feedback |

1. **Table – Comment**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table name – Comment**  **Primary Key – CommentID**  **Foreign Key – ContributionID, UserID** | | | | |
| **Column Name** | **Type** | **Length** | **Key** | **Description** |
| CommentID | Int |  | Primary Key | Unique (AI)  Not null  Identification number of comment |
| UserID | Varchar | 7 | Foreign Key | Not null  Identification number of User |
| ContributionID | Int |  | Foreign Key | Not null  Identification number of Contribution |
| CommentText | Varchar | 255 |  | The text of comments on the selected contributions |
| CommentDate | Timestamp |  |  | Commented date |

1. **Table – Inquiry**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table name – Inquiry**  **Primary Key – InquiryID**  **Foreign Key – UserID** | | | | |
| **Column Name** | **Type** | **Length** | **Key** | **Description** |
| **InquiryID** | Int |  | Primary Key | Unique (AI)  Not null  Identification number of inquiry |
| UserID | Varchar | 7 | Foreign Key | Not null  Identification number of User |
| InquiryDate | Timestamp |  |  | Inquiry Date |
| InquiryStatus | Varchar | 30 |  | Status of Inquiry (Pending / Resolved) |
| PriorityLevel | Varchar | 30 |  | Priority level of inquiry (Low, Medium, High) |
| ResponeDate | Timestamp |  |  | Response date to inquiry |