**Data Dictionary and Integrity Constraints**

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| --- |
| Management\_type |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Length | Data Type | Keys | Reference Table | Referential Integrity | Auto Increment | Not Null |
| Id | 11 | int | PK |  |  | True | True |
| type\_name | 255 | Varchar |  |  |  |  | True |

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| Table 1: Data Types, Integrity Constraints for Management\_type table. |

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| --- |
| Management |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Length | Data Type | Keys | Reference Table | Referential Integrity | Auto Increment | Not Null |
| Id | 11 | int | PK |  |  | True | True |
| Name | 255 | Varchar |  |  |  |  | True |
| Email | 255 |  |  |  |  |  | True |
| password | 255 |  |  |  |  |  | True |
| mng\_typ\_id | 11 | int | FK | Management\_type | on update: cascade  on delete: cascade | False | True |

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| Table 2: Data Types, Integrity Constraints for Management table. |

|  |
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| Faculty |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Length | Data Type | Keys | Reference Table | Referential Integrity | Auto Increment | Not Null |
| Id | 11 | int | PK |  |  | True | True |
| faculty\_name | 255 | Varchar |  |  |  |  | True |
| mng\_coordinator \_id | 11 | int | FK | Management | on update: cascade  on delete: cascade | False | True |

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| Table 3: Data Types, Integrity Constraints for Faculty table. |

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| Courses |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Length | Data Type | Keys | Reference Table | Referential Integrity | Auto Increment | Not Null |
| Id | 11 | int | PK |  |  | True | True |
| course\_name | 255 | Varchar |  |  |  |  | True |
| faculty\_id | 11 | int | FK | Faculty | on update: cascade  on delete: cascade | False | True |

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| Table 4: Data Types, Integrity Constraints for Courses table, |

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| Modules |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Length | Data Type | Keys | Reference Table | Referential Integrity | Auto Increment | Not Null |
| Id | 11 | int | PK |  |  | True | True |
| module\_name | 255 | Varchar |  |  |  |  | True |

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| Table 5: Data Types, Integrity Constraints for Modules table. |

|  |
| --- |
| Course\_Module |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Length | Data Type | Keys | Reference Table | Referential Integrity | Auto Increment | Not Null |
| Id | 11 | int | PK |  |  | True | True |
| course\_id | 11 | int | FK | Courses | on update: cascade  on delete: cascade | False | True |
| module\_id | 11 | int | FK | Modules | on update: cascade  on delete: cascade | False | True |

|  |
| --- |
| Table 6: Data Types, Integrity Constraints for Course\_Module table. |

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| Batches |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Length | Data Type | Keys | Reference Table | Referential Integrity | Auto Increment | Not Null |
| Id | 11 | int | PK |  |  | True | True |
| batch\_title | 255 | Varchar |  |  |  |  | True |

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| --- |
| Table 7: Data Types, Integrity Constraints for Batches table. |

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| --- |
| Batch\_Module |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Length | Data Type | Keys | Reference Table | Referential Integrity | Auto Increment | Not Null |
| Id | 11 | int | PK |  |  | True | True |
| batch\_id | 11 | int | FK | Batches | on update: cascade  on delete: cascade | False | True |
| module\_id | 11 | int | FK | Modules | on update: cascade  on delete: cascade | False | True |

|  |
| --- |
| Table 8: Data Types, Integrity Constraints for Batche\_Module table. |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Length | Data Type | Keys | Reference Table | Referential Integrity | Auto Increment | Not Null |
| Id | 11 | int | PK |  |  | True | True |
| assess\_type | 11 | int |  |  |  |  | True |
| assess\_details | 255 | Varchar |  |  |  |  | True |
| module\_id | 11 | int | FK | Modules | on update: cascade  on delete: cascade | False | True |

|  |
| --- |
| Assessment |

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| Table 9: Data Types, Integrity Constraints for Assessment table. |

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| --- |
| Students |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Length | Data Type | Keys | Reference Table | Referential Integrity | Auto Increment | Not Null |
| Id | 11 | int | PK |  |  | True | True |
| student\_name | 255 | Varchar |  |  |  |  | True |
| email | 255 | Varchar |  |  |  |  | True |
| Password | 255 | Varchar |  |  |  |  | True |
| Contact | 255 | Varchar |  |  |  |  | True |
| Address | 255 | Varchar |  |  |  |  | True |
| batch\_id | 11 | int | FK | Batches | on update: cascade  on delete: cascade | False | True |

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| --- |
| Table 10: Data Types, Integrity Constraints for Students table. |

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| --- |
| Claims |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Length | Data Type | Keys | Reference Table | Referential Integrity | Auto Increment | Not Null |
| Id | 11 | int | PK |  |  | True | True |
| claim\_details | 255 | Varchar |  |  |  |  | True |
| claim\_type | 255 | Varchar |  |  |  |  | True |
| submission\_date | 255 | Varchar |  |  |  |  | True |
| Status | 255 | Varchar |  |  |  |  | True |
| Student\_id | 11 | int | FK | Students | on update: cascade  on delete: cascade | False | True |
| asses\_id | 11 | int | FK | Assessments | on update: cascade  on delete: cascade | False | True |

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| Table 11: Data Types, Integrity Constraints for Claims table. |

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| Evidence |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Length | Data Type | Keys | Reference Table | Referential Integrity | Auto Increment | Not Null |
| Id | 11 | int | PK |  |  | True | True |
| evidence\_details | 255 | Varchar |  |  |  |  | True |
| upload\_date | 255 | Varchar |  |  |  |  | True |
| evidence\_file | 255 | Varchar |  |  |  |  | True |
| claim\_id | 11 | int | FK | Claims | on update: cascade  on delete: cascade | False | True |

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| Table 12: Data Types, Integrity Constraints for Evidence table. |