ENTITIES:-

1.TEACHER

2.STUDENT

3.COURSE

4.ENROLLMENT

5.CERTIFICATE

RELATIONS:-

| TEACHER | 1 | | 1 | STUDENT | **1:1** |
| | 1 | | 1 | | |

| TEACHER | 1 | | M | COURSE | **1:M** |
| | 1 | | 1 | | |

| TEACHER | 1 | | 1 | ENROLLMENT | **1:1** |
| | 1 | | 1 | | |

| STUDENT | 1 | | M | COURSE | **M:M** |
| | M | | 1 | | |

| STUDENT | 1 | | M | CERTIFICATE | **M:M** |
| | M | | 1 | | |

| STUDENT | 1 | | 1 | ENROLLMENT | **M:1** |
| | M | | 1 | | |

| COURSE | 1 | | 1 | CERTIFICATE | **1:1** |
| | 1 | | 1 | | |

| COURSE | 1 | | 1 | ENROLLMENT | **M:1** |
| | M | | 1 | | |

Diagram 1.0 — Master Maintenance

- Teacher → **Teacher Details** → 1.0 Master Maintenance
- Student → **Student Details** → 1.0 Master Maintenance
- Admin Staff → **Course Details** → 1.0 Master Maintenance
- 1.0 Master Maintenance → **Teacher Details** → Teacher Master
- 1.0 Master Maintenance → **Student Details** → Student Master
- 1.0 Master Maintenance → **Course Details** → Course Master

Diagram 2.0 — Enquiry

- Teacher → **Enquiry for teaching Course** → 2.0 Enquiry
- 2.0 Enquiry → **Confirmation** → Teacher
- Student → **Enquiry for Course** → 2.0 Enquiry
- 2.0 Enquiry → **Confirmation** → Student
- 2.0 Enquiry → **All Enquires** → Admin Staff
- Admin Staff → **Confirmation** → 2.0 Enquiry
- Teacher Master → **Teacher Details** → 2.0 Enquiry
- Student Master → **Student Details** → 2.0 Enquiry
- Course Master → **Course Details** → 2.0 Enquiry
- 2.0 Enquiry → **Enquiry Details** → Enquiry Details

3.0 Enrollment and Payment

Student
- Enrollment Request
- Confirmation of Course
- Fees Payment
- Receipt

Teacher
- Request for time slot
- Course Fess
- Confirmation for enrollment

Admin Staff
- Receipt
- Fees Payment
- Confirmation of Teacher
- Availability of Teacher
- Enrollment Request
- Confirmation to Student

Data Stores:
- Course Master — Course Details
- Teacher Master — Teacher Details
- Student Master — Student Details
- Enrollment Master — Enrollment Details
- Course Allocation — Course Allocation Details
- Payment Details — Payment Details
- Receipt Details — Receipt Details

4.0 Certification

Student
- Response of Test
- Test
- Result
- Certification

Teacher
- Test
- Result
- Response of Test

Admin Staff
- Result
- Attendance
- Certification

Data Stores:
- Teacher Master — Teacher Details
- Student Master — Student Details
- Course Master — Course Details
- Enrollment Master — Enrollment Details
- Course Allocation — Course Allocation Details
- Payment Details — Payment Details
- Certification Master — Certification Details