

Database Design

1. **EVENT** (EVENT-NO, EVENTNAME, EVENT DATE, STARTTIME, EVENTTIME)
2. **CREATE EVENT** (EVENT-NO, START TIME, EVENT NAME, EVENT TIME, EVENT DATE)
3. **UPDATE EVENT** (EVENT -NO, EVENT NAME, START TIME, EVENT TIME, EVENT DATE)
4. **DELETE EVENT** (EVENT-NO, EVENT ID, REASON)
5. **EVENT VENUE** (EVENT-NO, NAME, ADDRESS, PHONE NUMBER, EMAIL ID, CAPACITY, SEAT MAP)
6. **APPROVAL** (EVENT-NO, UPDATE EVENT DETAILS, APPROVED DATE, APPROVED TIME, STATUS, REASON)
7. **EVENT ORGANIZER** (EVENT-NO, NAME, DEPARTMENT, EVENT DETAILS, SCHOOL ID)
8. **ARCHIVED EVENTS** (EVENT-NO, EVENT ID, DATE OF ARCHIVED)
9. **CREATE CONFIRMATION** (EVENT-NO, CONFIRMATION MESSAGE)
10. **APPROVAL CONFIRMATION** (UPDATED EVENT DETAILS, CONFIRMATION MESSAGE)
11. **EVENT MANAGEMENT** (NAME, EMAIL, PHONE-NO, DESIGNATION, IS APPROVED)
12. **LOGISTICS** (EVENT NAME, REQUIREMENT, ITEM PRICE)
13. **ADVERTISING** (EVENT NAME, MODE OF ADVERTISING, TYPE)
14. **UPDATE CONFIRMATION** (EVENT NAME, CONFIRMATION MESSAGE)
15. **EVENT DELETION CONFIRMATION** (EVENT ID, CONFIRMATION MESSAGE)
16. **SEATS** (NAME, AVAILABILITY, NUMBER OF SEATS, TICKET NUMBER)
17. **TICKETS** (TICKET NO, ISSUED DATE, TICKET PRICE)
18. **TICKET PURCHASE** (TICKET NO, DATE OF PURCHASE, PURCHASE STATUS, TOTAL AMOUNT, ADDITIONAL CHARGES, AMOUNT DUE)
19. **TICKET DELIVERY** (TICKET NO, CREATION DATE, DELIVERY DATE)
20. **USER** (NAME, ADDRESS, PHONE NUMBER, DEPARTMENT, ADDRESS)
21. **EMAIL CONFIRMATION** (STUDENT ID, DATE OF CONFIRMATION, DELIVERY STATUS, EMAIL BODY)
22. **CREDIT CARD** (STUDENT ID, CARD NUMBER, CARD TYPE, VALID THRU, CVV, CARD HOLDER NAME)
23. **PAYMENT** (CREDIT CARD NUMBER, PAYMENT ID, PAY DATE, AMOUNT PAID)
24. **PAYMENT PROCESSOR** (PAYMENT ID, NAME, PHONE NO, CARD TYPE)
25. **USER ACCOUNT**(USERNAME, PASSWORD, ACCOUNT STATUS, CREATION DATE, LAST LOGIN DATE)
26. **EMAIL CONFIRMATION** (DATE OF CONFIRMATION, DELIVERY STATUS, EMAIL BODY)
27. **CLOSED CONFIRMATION** (DATE OF CONFIRMATION, CONFIRMATION MESSAGE)

- 28. **CREATE CONFIRMATION** (DATE OF CONFIRMATION, CONFIRMATION MESSAGE)
- 29. **UPDATE CONFIRMATION** (DATE OF CONFIRMATION, CONFIRMATION MESSAGE)
- 30. **CONFIRMATION OF PURCHASE** (DATE OF CONFIRMATION, CONFIRMATION MESSAGE)
- 31. **ACCOUNT CLOSURE** (CLOSING REASON, CLOSING DATE, FEEDBACK)
- 32. **EMAIL TICKET** (PDF FILE NAME, JPEG FILE NAME)
- 33. **REFUNDS** (DELETE EVENT, AMOUNT, MODE OF REFUND, DATE OF REFUND, TIME OF REFUND, TRANSACTION ID)
- 34. **STUDENT** (CREDIT CARD, STUDENT ID, NAME, ADDRESS, PHONE)

PHYSICAL DESIGN

CREATE TABLE STUDENT

(STUDENT_ID	CHAR (10) NOT NULL,
LASTNAME	VARCHAR (20),
FIRSTNAME	VARCHAR (20),
STREET_ADDRESS	VARCHAR (30),
CITY	VARCHAR (25),
STATE	CHAR (2),
ZIP	VARCHAR (9),
PHONE	VARCHAR (15),
EMAIL	VARCHAR (40)
PRIMARY KEY (STUDENT_ID))	
INDEX NAME_INDEX ON STUDENT (LASTNAME)	

CREATE TABLE ACCOUNT

(USERNAME VARCHAR (12) NOT NULL,
PASSWORD VARCHAR (20) NOT NULL,
STUDENT _ID CHAR (10),
DATE_CREATED DATE,
DATE_LAST_UPDATED DATE,
STATUS CHAR (1),
DATE_CLOSED DATE,
REASON_CLOSED VARCHAR (120),
DATE_TERMINATED DATE,
PERSON_TERMINATING CHAR (9),
FOREIGN KEY (STUDENT _ID) REFERENCES STUDENT)

CREATE TABLE TICKET_PRICE

(EVENT_NO CHAR (6) NOT NULL,
CATEGORY_NO CHAR (4) NOT NULL,
PRICE NUMBER (6,2),
PRIMARY KEY (EVENT_NO, CATEGORY_NO),
FOREIGN KEY (EVENT_NO) REFERENCES EVENT,
FOREIGN KEY (CATEGORY_NO) REFERENCES CATEGORY)

CREATE TABLE PAYMENT

(CREDIT_CARD_NO CHAR (16) NOT NULL,
VALID_THRU DATE,
SECURITY_CODE CHAR (3) NOT NULL,
LASTNAME VARCHAR (20),

FIRSTNAME	VARCHAR (20))
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