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leed code:

Contribution: normlization

DBMS :College Event Management System, phr using google fit  
product name: cems  
table names :user, events, payment, registration  
**key word:**  
relationship

* user

domain:

Attribute:

* -email

Constrain:  
composite key, primary key , foreign key, check constrain

Tuple:  
  
  
  
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**Normalization:**  
Integrity , redundancy  
1nf

2nf

3nf

4nf

5nf  
users(master table),events, payment(transaction), registration  
  
1nf: user(there is a column name user\_id it is primary key)  
2nf:-No partial dependency, events(remove event id) is 2nf

3nf:-no partial transitive partial dependency

Student\_info,student\_id,name,job\_id,Jobe\_name,Native\_place\_id,native\_place  
1 nf:-student can be the primary key hence 1nf

Student role Table:  
student\_id , job\_id  
student table:

Student\_id,name,Native\_id,native\_place

Job table:

Job\_id, Job\_name

3nf:- student role table

Student\_id,name,native\_id  
jobs table:  
job\_id , job\_name  
Native Table: Native\_id, native\_name

Create

Insert

Delete

Query:  
create table user(

Name varchar(20,100),

Email varchar(10,40)

)

Insert into name values(“ram”)

Delete table user  
  
join:  
u.user\_id,

u.name,

e.event\_id

e.reg\_date

select

join e.user\_id on e.event\_id  
  
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DTD

Cdata:character data

PCdata:-parsed character data  
  
DTD:

<!element login EMPTY>

<!ATTLIST login timeout CDATA”0”0>

Xml

<login timeout=”10”></login>

Frontend:html,css, Tailwind CSS, react js,android,flutter,flask

Backend:my sql,oracle,Jason, sql lite,firebase,mangodb(no sql)

Language:python,php

Framework:xampp,ai(tenserflow,xai frame work)

Editor:  
  
full stack ai engineer

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| --- | --- | --- | --- | --- | --- | --- |
| Module name | | Sub module name | | | description | |
| Event management | | Creation,resource allocation | | | It allows the organizer to create the event | |
| Sub module name | Form name | | description | table | | Table description |
|  |  | |  |  | |  |