**ZEN CLASS DB DESIGN**

|  |
| --- |
| **BATCH\_DETAILS** |
| CREATE TABLE BATCH\_DETAILS(  batch\_id varchar(10),  batch varchar(20),  batch\_schedule varchar(50),  batch\_time text,  primary key(batch\_id)  ) |

|  |
| --- |
| **USERS** |
| CREATE TABLE USERS(  name varchar(100),  userid varchar(50),  email varchar(50),  mobile\_num text,  address text,  city varchar(50),  state varchar(50),  primary key (userid),  ) |

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| --- |
| **COURSES** |
| CREATE TABLE COURSES(  course\_id varchar(10),  course\_name varchar(50),  course\_content text,  duration varchar(25),  batch\_id varchar(10),  primary key(course\_id, batch\_id)  foreign key (batch\_id) references batch\_details (batch\_id)  ) |

|  |
| --- |
| **ROADMAP** |
| CREATE TABLE ROADMAP(  roadmap\_id varchar(10)  mentor\_id int,  date date,  is\_addnl\_sess char(1),  addnl\_sess\_id varchar(10),  task\_id varchar(10),  module\_id varchar(10) NOT NULL,  module\_status char(1),  usr\_crs\_id varchar(10),  primary key(roadmap\_id, usr\_crs\_id),  foreign key (mentor\_id) references mentors (mentor\_id),  foreign key ( usr\_crs\_id ) references user\_course ( usr\_crs\_id ),  ) |

|  |
| --- |
| **MODULES** |
| CREATE TABLE MODULES(  module\_id varchar(10),  course\_id varchar(10),  module\_name text,  module\_link text,  module\_content text,  module\_pre\_read text,  primary key ( course\_id, module\_id),  foreign key (course\_id) references courses (course\_id)  ) |

|  |
| --- |
| **USER\_COURSE** |
| CREATE TABLE USER\_COURSE(  usr\_crs\_id varchar(10),  userid varchar(50),  course\_id varchar(10),  batch\_id varchar(10),  primary key (usr\_crs\_id)  foreign key (userid) references users (userid),  foreign key (course\_id, batch\_id) references courses (course\_id, batch\_id),  foreign key (batch\_id) references batch\_details (batch\_id)  ) |

|  |
| --- |
| **ADDNL\_SESSION** |
| CREATE TABLE ADDNL\_SESSION(  addnl\_sess\_id varchar(5),  course\_id varchar(10),  module\_id varchar(10),  addnl\_sess\_link txt,  usr\_crs\_id varchar(10),  primary key (addnl\_sess\_id, usr\_crs\_id),  foreign key ( usr\_crs\_id) references user\_course ( usr\_crs\_id)  ) |

|  |
| --- |
| **MENTORS** |
| CREATE TABLE MENTORS(  mentor\_id int not null,  mentor\_name varchar(50),  mentor\_skillset text,  primary key(mentor\_id)  ) |

|  |
| --- |
| **SESSION\_TASK** |
| CREATE TABLE SESSION\_TASK(  task\_id varchar(10) not null,  task\_link text,  course\_id varchar(10),  module\_id varchar(10),  primary key(task\_id, course\_id)  ) |

|  |
| --- |
| **RATING** |
| CREATE TABLE RATING(  rating\_id varchar(10),  userid varchar(50),  module\_id varchar(10),  mentor\_id int not null,  session\_rating int,  mentor\_rating int,  roadmap\_id varchar(10),  usr\_crs\_id varchar(10),  primary key (rating\_id),  foreign key (userid) references users(userid),  foreign key (mentor\_id) references mentors(mentor\_id)  foreign key (roadmap\_id, usr\_crs\_id) references roadmap (roadmap\_id, usr\_crs\_id)  ) |

|  |
| --- |
| **TASK\_SUBMISSION** |
| CREATE TABLE TASK\_SUBMISSION(  task\_seq int,  task\_id varchar(10),  module\_id varchar(10),  submitted\_date datetime,  score int,  usr\_crs\_id varchar(10),  primary key (task\_id, usr\_crs\_id),  foreign key ( usr\_crs\_id ) references user\_course (usr\_crs\_id ),  ) |

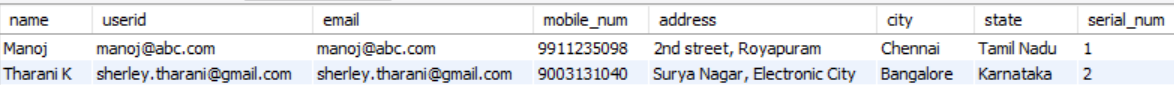
|  |
| --- |
| **FEEDBACK** |
| CREATE TABLE FEEDBACK(  feedback\_id varchar(10),  userid varchar(50),  module\_id varchar(10),  mentor\_id int not null,  session\_feedback text,  mentor\_feedback text,  roadmap\_id varchar(10),  usr\_crs\_id varchar(10),  primary key ( feedback\_id ),  foreign key (userid) references users(userid),  foreign key (mentor\_id) references mentors(mentor\_id),  foreign key (roadmap\_id, usr\_crs\_id) references roadmap (roadmap\_id, usr\_crs\_id)  ) |

1. **USERS**

INSERT INTO USERS VALUES ('Manoj','manoj@abc.com','manoj@abc.com','9911235098','2nd street, Royapuram','Chennai','Tamil Nadu',1);

INSERT INTO USERS VALUES ('Tharani K','sherley.tharani@gmail.com','sherley.tharani@gmail.com','9003131040','Surya Nagar, Electronic City','Bangalore','Karnataka',2);

***sample data:***



1. **SESSION\_TASK**

INSERT INTO SESSION\_TASK VALUES

('TSK01','https://docs.google.com/document/d/1QznT1zM4mI6dG0TODx5Xjs1GquMoSHO3xZ1USDnVM-w/preview', 'CRS01', ' MDL01');

INSERT INTO SESSION\_TASK VALUES

('TSK02','https://docs.google.com/document/d/1QznT1zM4mI6dG0TODx5Xjs1GquMoSHO3xZ1USDnVM-w/preview', 'CRS01', ' MDL02');

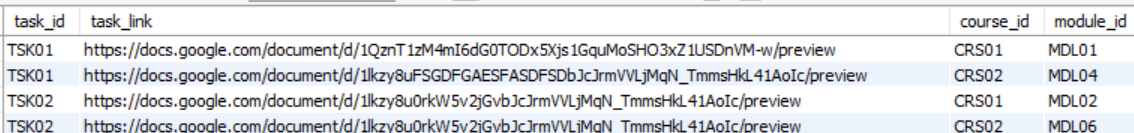
INSERT INTO SESSION\_TASK VALUES

('TSK01','https://docs.google.com/document/d/1lkzy8uFSGDFGAESFASDFSDbJcJrmVVLjMqN\_TmmsHkL41AoIc/preview','CRS02','MDL04');

INSERT INTO SESSION\_TASK VALUES

('TSK02','https://docs.google.com/document/d/1lkzy8u0rkW5v2jGvbJcJrmVVLjMqN\_TmmsHkL41AoIc/preview','CRS02','MDL06');

***sample data:***



1. **BATCH\_DETAILS**

INSERT INTO BATCH\_DETAILS VALUES

('BTC01','Weekday','Morning', '10:00 AM : 1:00 PM');

INSERT INTO BATCH\_DETAILS VALUES

('BTC02','Weekday','Evening', '6:00 PM : 9:00 PM');

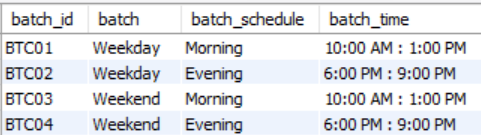
INSERT INTO BATCH\_DETAILS VALUES

('BTC03','Weekend','Morning', '10:00 AM : 1:00 PM');

INSERT INTO BATCH\_DETAILS VALUES

('BTC04','Weekend','Evening', '6:00 PM : 9:00 PM');

***sample data:***



1. **COURSES**

INSERT INTO COURSES VALUES

('CRS01','Full Stack Development','JS Basics,HTML,CSS,Bootstrap,DOM,Advance JS,React.js,Database & Nodes','3 Months','BTC01');

INSERT INTO COURSES VALUES

('CRS02','Full Stack Development','JS Basics,HTML,CSS,Bootstrap,DOM,Advance JS,React.js,Database & Nodes','3 Months','BTC02');

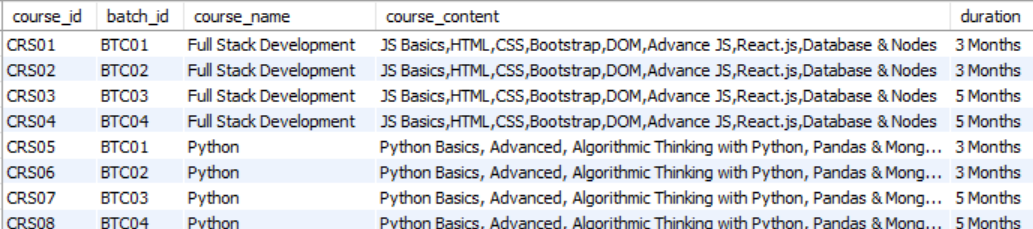
INSERT INTO COURSES VALUES

('CRS03','Full Stack Development','JS Basics,HTML,CSS,Bootstrap,DOM,Advance JS,React.js,Database & Nodes','5 Months','BTC03');

INSERT INTO COURSES VALUES

('CRS04','Full Stack Development','JS Basics,HTML,CSS,Bootstrap,DOM,Advance JS,React.js,Database & Nodes','5 Months','BTC04');

***sample data:***

****

1. **MODULES**

INSERT INTO MODULES VALUES

('MDL01','CRS01','JavaScript - Day -1: Introduction to Browser & web','https://us06web.zoom.us/rec/share/3gPJefjmsz82kEQoski\_xUFi1Uivzj4-qq92n7PS66UbyISHbLwujDEXFnZ3BesT.S\_7m3fjhO-QHp74h','No preread available', 'Introduction to web Browser Wars DOM tree CSSOM tree,

Browser internals - HTML parser,

CSS parser, JavaScript V8 engine');

INSERT INTO MODULES VALUES

('MDL02','CRS01','JavaScript - Day -2: Datatypes','https://us06web.zoom.us/rec/component-page?hasValidToken=false&clusterId=us06&action=play&filePlayId=&componentName=recording-register&meetingId=HR8OMjlOgd-zHuYBEGI4QNN-YKUv1r3rV-IPYzuvQXkldYvK7O1XJOSRRYvDz09I.YjWhWqyRPG\_RhZt6&originRequestUrl=https%3A%2F%2Fus06web.zoom.us%2Frec%2Fshare%2FRsGg8xHXtiT1PF4UczI3e9YbO8bbdBhquOiB17zMhD5gQ0JktG0qfqoMCBscrvRg.Juy3u0bcHu8ZfLLk',

'https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Functions', 'HTML Browser view - Debugger, Inspect,

Browser js vs Node js,Data types,Copy by value and Copy by reference,Window & document object');

INSERT INTO MODULES VALUES

('MDL03','CRS01','JavaScript - Day -3: JS array & objects','https://us06web.zoom.us/rec/share/snOtwpRyXYJEkVZbwIROizQ7yL8YvasfeIegsf2kZIEXxYBDuJS36Gnv382xPj-7.iZm-Z4AJ8XmK5ZO8',

'No preread available', 'Introduction to Array,

Array and JSON iteration,

XMLHttpRequest,

Hoisting & scope');

INSERT INTO MODULES VALUES

('MDL01','CRS02','Python - Day-1: Basic','https://us06web.zoom.us/rec/component-page?hasValidToken=false&clusterId=us06&action=play&filePlayId=&componentName=recording-register&meetingId=HR8OMjlOgd-zHuYBEGI4QNN-YKUv1r3rV-IPYzuvQXkldYvK7O1XJOSRRYvDz09I.YjWhWqyRPG\_RhZt6&originRequestUrl=https%3A%2F%2Fus06web.zoom.us%2Frec%2Fshare%2Fkjhkolkfgdfhlkhbnerkfhjbnv',

'No preread available','Python programming like datatypes, loops, data structures, and functions');

INSERT INTO MODULES VALUES

('MDL02','CRS02','Python - Day-2: Advanced','https://us06web.zoom.us/rec/component-page?hasValidToken=false&clusterId=us06&action=play&filePlayId=&componentName=recording-register&meetingId=HR8OMjlOgd-zHuYBEGI4QNN-YKUv1r3lknbvgh-fssK7O1XJOSRRYvDz09I.YjWhWqyRPG\_RhZt6&originRequestUrl=https%3A%2F%2Fus06web.zoom.us%2Frec%2Fshare%2Fkjhkolkfgdfhlkhbkjhgfdderrfv',

'No preread available','Comprehension, File handling, Regular Expressions, Object-oriented Programming, Pickling');

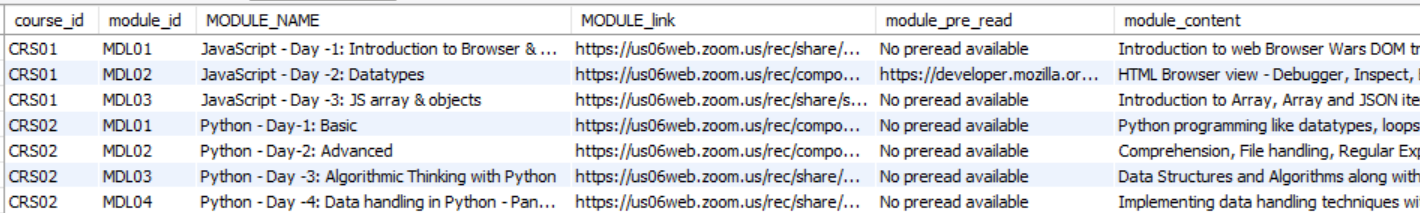
INSERT INTO MODULES VALUES

('MDL03','CRS02','Python - Day -3: Algorithmic Thinking with Python','https://us06web.zoom.us/rec/share/3gPJefjmsz82kEQoski\_xUFi1Uivzj4-qq92n7PS66UbyISHbLwujDEXFnZ3BesT.S\_7m3fjhO-QHp74h','No preread available', 'Data Structures and Algorithms along with Memory Management Techniques');

INSERT INTO MODULES VALUES

('MDL04','CRS02','Python - Day -4: Data handling in Python - Pandas & MongoDB','https://us06web.zoom.us/rec/share/3gPJefjmsz82kEQoski\_xUFi1Uivzj4-qq92n7PS66UbyISHbLwujDEXFnZ3BesT.S\_7m3fjhO-QHp74h','No preread available', 'Implementing data handling techniques with Pandas library,explore the different miscellaneous functions of Pandas library in detai');

***sample data:***

****

1. **ADDNL\_SESSION**

INSERT INTO ADDNL\_SESSION VALUES

('ADS01','CRS01','MDL01','https://us06web.zoom.us/rec/share/H3TDdo7iYnIywABZ5LrZniYSIS9Wl81-K2BaFOJdfRzVXyZGVCvGmZwQlwosoaNT.Vkq8SAQg9tpE2Evp', 'UC01');

INSERT INTO ADDNL\_SESSION VALUES

('ADS02','CRS01','MDL05','https://us06web.zoom.us/rec/share/H3TDdo7iYnIywABZ5LrZniYSIS9Wl81-K2BaFOJdfRzVXyZGVCvGmZwQlwosoaNT', 'UC01');

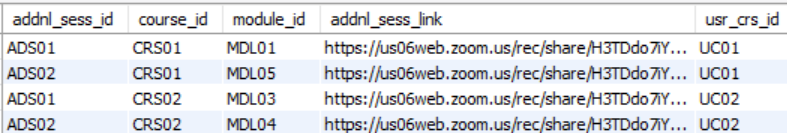
INSERT INTO ADDNL\_SESSION VALUES

('ADS01','CRS02','MDL03','https://us06web.zoom.us/rec/share/H3TDdo7iYdsklbuyafygchvbnwefSIS9Wl81-K2BaFOJdfRzVXyZGVCvGmZwQlwosoaNT.Vkq8SAQg9tpE2Evp', 'UC02');

INSERT INTO ADDNL\_SESSION VALUES

('ADS02','CRS02','MDL04','https://us06web.zoom.us/rec/share/H3TDdo7iYdsklbuyafygchvbnwefSIS9Wl81-K2BaFOJdfRzVXyZGVCvGmZwQlwosoaNT.Vkq8SAQg9tpE2Evp', 'UC02');

***sample data:***



1. **MENTORS**

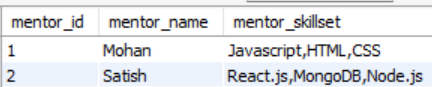
INSERT INTO MENTORS VALUES

('1','Mohan','Javascript,HTML,CSS');

INSERT INTO MENTORS VALUES

('2','Satish','React.js,MongoDB,Node.js');

***sample data:***



1. **ROADMAP**

INSERT INTO ROADMAP VALUES ('RDMP01',1,'2024-06-01','N',NULL,'TSK01','MDL01','Y','UC01');

INSERT INTO ROADMAP VALUES ('RDMP01',2,'2024-06-01','N',NULL,'TSK01','MDL04','Y','UC02');

INSERT INTO ROADMAP VALUES ('RDMP02',1,'2024-06-03','N',NULL,'TSK02','MDL02','N','UC01');

INSERT INTO ROADMAP VALUES ('RDMP02',2,'2024-06-06','N',NULL,'TSK02','MDL06','N','UC02');

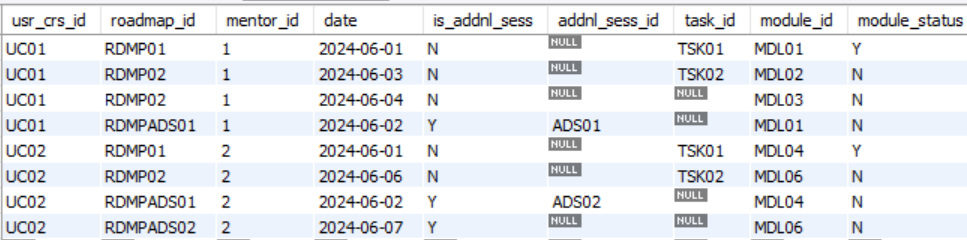
INSERT INTO ROADMAP VALUES ('RDMP03',1,'2024-06-04','N',NULL,NULL,'MDL03','N','UC01');

INSERT INTO ROADMAP VALUES ('RDMPADS01',1,'2024-06-02','Y','ADS01',NULL,'MDL01','N','UC01');

INSERT INTO ROADMAP VALUES ('RDMPADS01',2,'2024-06-02','Y','ADS02',NULL,'MDL04','N','UC02');

INSERT INTO ROADMAP VALUES ('RDMPADS02',2,'2024-06-07','Y',NULL,NULL,'MDL06','N','UC02');

***sample data:***



1. **USER\_COURSE**

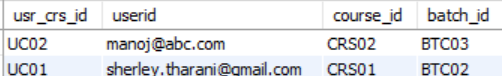
INSERT INTO USER\_COURSE VALUES

('UC01','sherley.tharani@gmail.com','CRS01','BTC02');

INSERT INTO USER\_COURSE VALUES

('UC02','manoj@abc.com','CRS02','BTC03');

***sample data:***



1. **FEEDBACK**

INSERT INTO FEEDBACK VALUES

('FBK01','sherley.tharani@gmail.com','MDL01',1,'concepts are very understanding','good teaching','RDMP01','UC01');

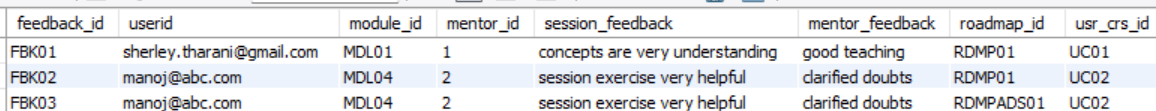
INSERT INTO FEEDBACK

VALUES ('FBK02','manoj@abc.com','MDL04',2,'session exercise very helpful','clarified doubts','RDMP01','UC02');

INSERT INTO FEEDBACK

VALUES ('FBK03','manoj@abc.com','MDL04',2,'session exercise very helpful','clarified doubts','RDMPADS01','UC02');

***sample data:***



1. **RATING**

INSERT INTO FEEDBACK VALUES

('RTG01','sherley.tharani@gmail.com','MDL01',1,4,4,'RDMP01','UC01');

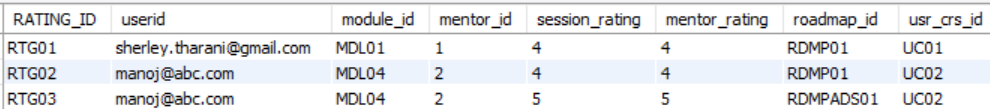
INSERT INTO FEEDBACK

VALUES ('RTG02','manoj@abc.com','MDL04',2,4,4,'RDMP01','UC02');

INSERT INTO FEEDBACK

VALUES ('RTG03','manoj@abc.com','MDL04',2,5,5,'RDMPADS01','UC02');

***sample data:***



1. **TASK\_SUBMISSION**

INSERT INTO TASK\_SUBMISSION VALUES

(1,'TSK01','MDL01','2024-06-02','10','UC01','Good work, keep it up');

INSERT INTO TASK\_SUBMISSION VALUES

(2,'TSK01','MDL04','2024-06-02','9','UC02','good work need to improve on styling');

***sample data:***

