



ECO EVENTS SOLUTIONS

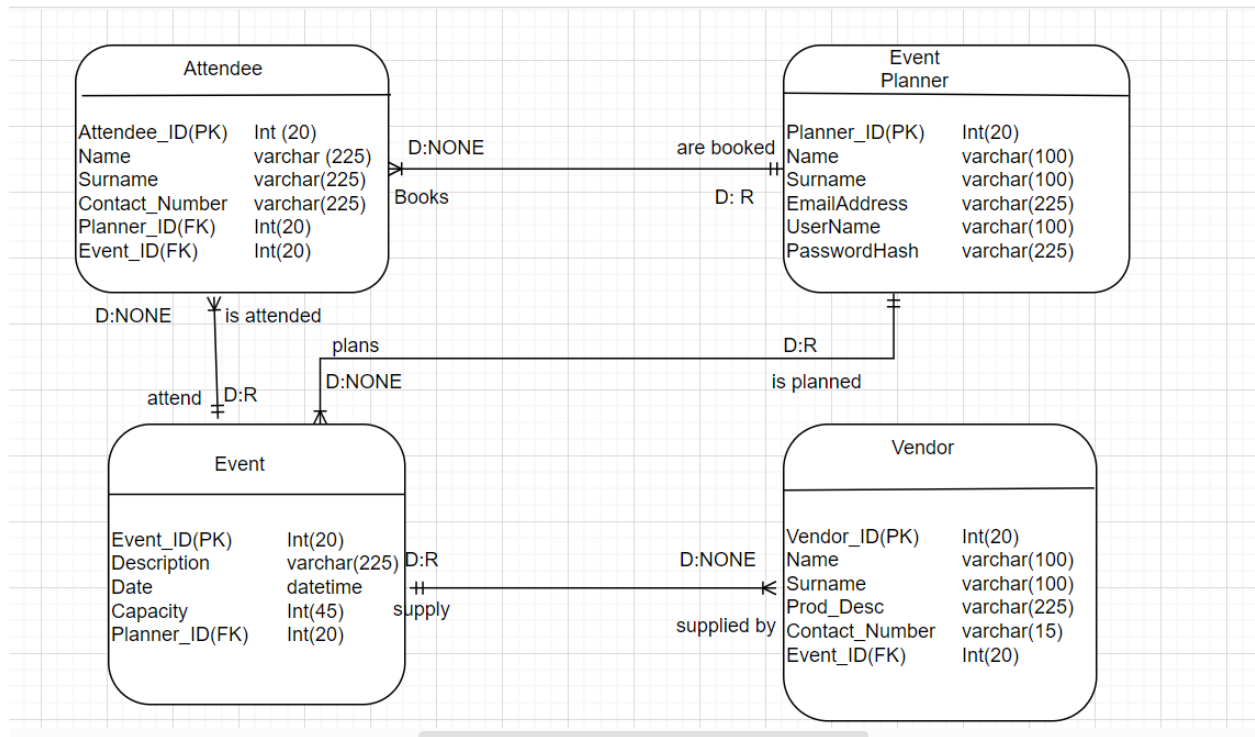
CMPG 223

Dinah Zame

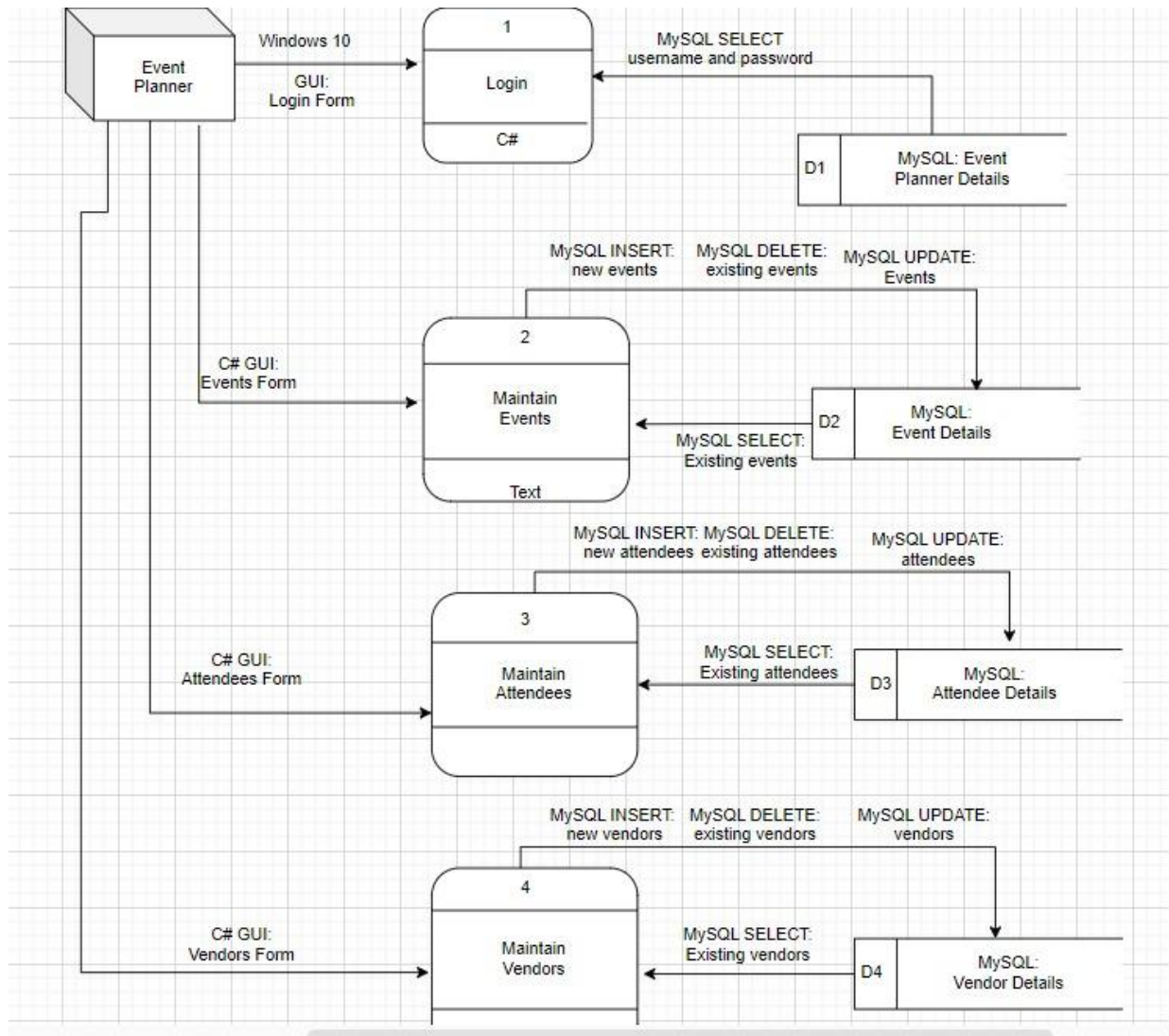
Moitshepi Hikwane

Emely Machete

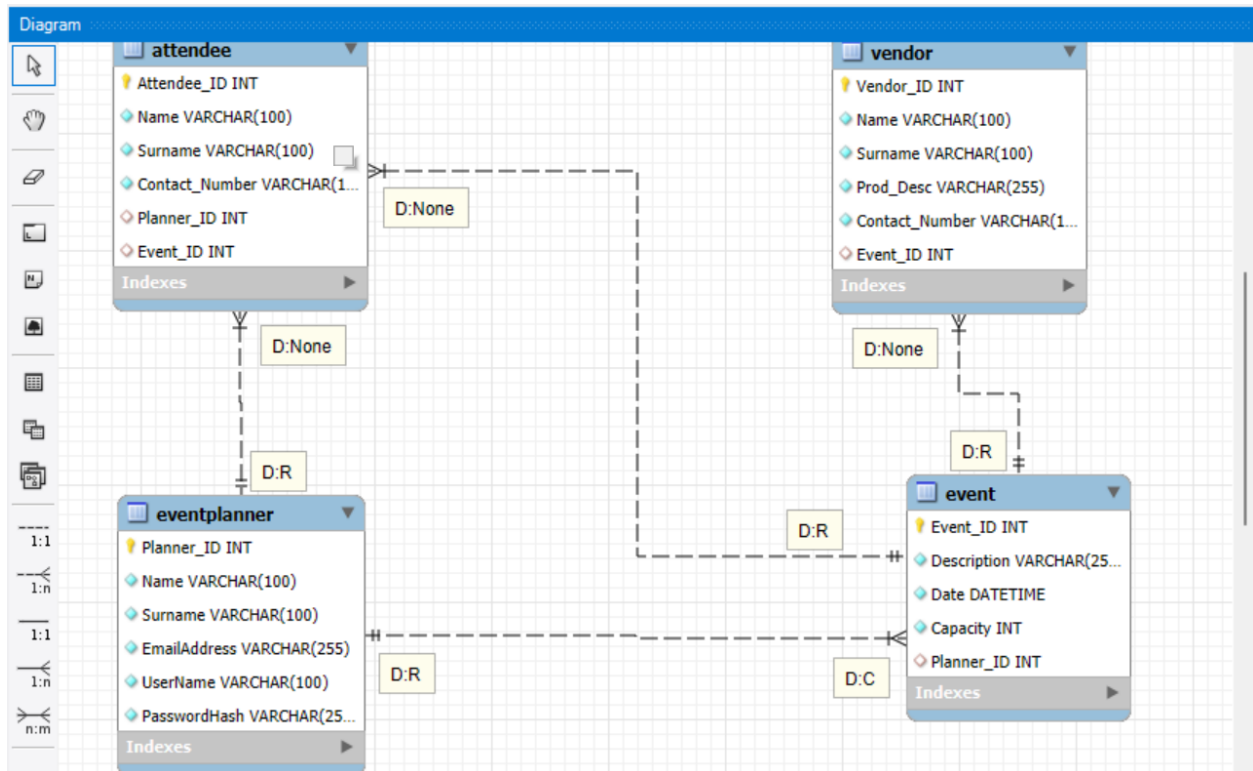
1. Physical data model



2. Physical Process Model



3. Database Schema



```
mysql> create table Event(  
  -> Event_ID int(20),  
  -> Description varchar(255),  
  -> Date DATETIME,  
  -> Capacity int(10)  
  -> );  
Query OK, 0 rows affected, 2 warnings (0.13 sec)
```

```
mysql> Desc Event;  
+-----+-----+-----+-----+-----+-----+  
| Field      | Type          | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+-----+  
| Event_ID   | int           | YES  |     | NULL    |       |  
| Description | varchar(255)  | YES  |     | NULL    |       |  
| Date       | datetime      | YES  |     | NULL    |       |  
| Capacity   | int           | YES  |     | NULL    |       |  
+-----+-----+-----+-----+-----+-----+  
4 rows in set (0.01 sec)
```

```
mysql> insert into Event(  
  -> Event_ID,  
  -> Description,  
  -> Date,  
  -> Capacity)  
  -> Values  
  -> (55567, "Trade shows", "2024-08-20 12:00:00", 300),  
  -> (55568, "Seminar", "2024-08-08 08:30:00", 100),  
  -> (55569, "Shareholder meetings", "2024-08-16 07:00:00", 45),  
  -> (55570, "Award ceremony", "2024-11-28 18:00:00", 150),  
  -> (55571, "Charity event", "2024-08-24 10:45:00", 250);  
Query OK, 5 rows affected (0.15 sec)  
Records: 5 Duplicates: 0 Warnings: 0
```

```
mysql> select * from Event;
```

| Event_ID | Description | Date | Capacity |
|----------|----------------------|---------------------|----------|
| 55567 | Trade shows | 2024-08-20 12:00:00 | 300 |
| 55568 | Seminar | 2024-08-08 08:30:00 | 100 |
| 55569 | Shareholder meetings | 2024-08-16 07:00:00 | 45 |
| 55570 | Award ceremony | 2024-11-28 18:00:00 | 150 |
| 55571 | Charity event | 2024-08-24 10:45:00 | 250 |

```
5 rows in set (0.01 sec)
```

```
mysql> UPDATE Event SET Event_ID = 55572 where Capacity = 250;
```

```
Query OK, 1 row affected (0.15 sec)
```

```
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> DELETE from Event WHERE Event_ID = 55567
```

```
-> && Description = "Trade shows"
```

```
-> && Date = "2024-08-20 12:00:00"
```

```
-> && Capacity = 300;
```

```
Query OK, 1 row affected, 3 warnings (0.04 sec)
```

```
mysql> Select * from Event;
```

| Event_ID | Description | Date | Capacity |
|----------|----------------------|---------------------|----------|
| 55568 | Seminar | 2024-08-08 08:30:00 | 100 |
| 55569 | Shareholder meetings | 2024-08-16 07:00:00 | 45 |
| 55570 | Award ceremony | 2024-11-28 18:00:00 | 150 |
| 55572 | Charity event | 2024-08-24 10:45:00 | 250 |

```
4 rows in set (0.07 sec)
```

```
mysql> insert into Event(
-> Event_ID,
-> Description,
-> Date,
-> Capacity)
-> Values
-> (55567, "Trade shows", "2024-08-20 12:00:00", 300),
-> (55568, "Seminar", "2024-08-08 08:30:00", 100),
-> (55569, "Shareholder meetings", "2024-08-16 07:00:00", 45),
-> (55570, "Award ceremony", "2024-11-28 18:00:00", 150),
-> (55571, "Charity event", "2024-08-24 10:45:00", 250);
```

Query OK, 5 rows affected (0.15 sec)

Records: 5 Duplicates: 0 Warnings: 0

```
mysql> select * from Event;
```

| Event_ID | Description | Date | Capacity |
|----------|----------------------|---------------------|----------|
| 55567 | Trade shows | 2024-08-20 12:00:00 | 300 |
| 55568 | Seminar | 2024-08-08 08:30:00 | 100 |
| 55569 | Shareholder meetings | 2024-08-16 07:00:00 | 45 |
| 55570 | Award ceremony | 2024-11-28 18:00:00 | 150 |
| 55571 | Charity event | 2024-08-24 10:45:00 | 250 |

5 rows in set (0.01 sec)

```
mysql> UPDATE Event SET Event_ID = 55572 where Capacity = 250;
```

Query OK, 1 row affected (0.15 sec)

Rows matched: 1 Changed: 1 Warnings: 0

```
mysql> DELETE from Event WHERE Event_ID = 55567
```

-> && Description = "Trade shows"

-> && Date = "2024-08-20 12:00:00"

-> && Capacity = 300;

Query OK, 1 row affected, 3 warnings (0.04 sec)

```
mysql> Select * from Event;
```

| Event_ID | Description | Date | Capacity |
|----------|----------------------|---------------------|----------|
| 55568 | Seminar | 2024-08-08 08:30:00 | 100 |
| 55569 | Shareholder meetings | 2024-08-16 07:00:00 | 45 |
| 55570 | Award ceremony | 2024-11-28 18:00:00 | 150 |
| 55572 | Charity event | 2024-08-24 10:45:00 | 250 |

```
4 rows in set (0.07 sec)
```

```
mysql> Select Description from Event where capacity = 45;
```

| Description |
|----------------------|
| Shareholder meetings |

```
1 row in set (0.02 sec)
```

```
mysql> Create table Vendor(
```

```
-> Vendor_ID int(20),  
-> Name varchar(100),  
-> Surname varchar(100),  
-> Prod_Desc varchar(255),  
-> Contact_Number varchar(15)  
-> );
```

```
Query OK, 0 rows affected, 1 warning (0.34 sec)
```

```
mysql> Desc Vendor;
```

| Field | Type | Null | Key | Default | Extra |
|----------------|--------------|------|-----|---------|-------|
| Vendor_ID | int | YES | | NULL | |
| Name | varchar(100) | YES | | NULL | |
| Surname | varchar(100) | YES | | NULL | |
| Prod_Desc | varchar(255) | YES | | NULL | |
| Contact_Number | varchar(15) | YES | | NULL | |


```
mysql> insert into Vendor(
-> Vendor_ID,
-> Name,
-> Surname,
-> Prod_Desc,
-> Contact_Number)
-> Values
-> (10112, "Sbu", "Ngwenya", "Bamboo cutley set", "0537732034"),
-> (10113, "Cleo", "Johan", "Eco-friendly food and beverages", "0126549087"),
-> (10114, "Mpho", "Nous", "Eco-friendly crafts", "0115428571"),
-> (10115, "Kat", "Machete", "Eco-friendly cleaning products", "0819990654");
Query OK, 4 rows affected (0.06 sec)
Records: 4 Duplicates: 0 Warnings: 0
```

```
mysql> Select * from Vendor;
```

| Vendor_ID | Name | Surname | Prod_Desc | Contact_Number |
|-----------|------|---------|---------------------------------|----------------|
| 10112 | Sbu | Ngwenya | Bamboo cutley set | 0537732034 |
| 10113 | Cleo | Johan | Eco-friendly food and beverages | 0126549087 |
| 10114 | Mpho | Nous | Eco-friendly crafts | 0115428571 |
| 10115 | Kat | Machete | Eco-friendly cleaning products | 0819990654 |

4 rows in set (0.00 sec)

```
mysql> Update Vendor SET Surname = "Johnson" where Vendor_ID = 10115;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> select * from Vendor;
```

| Vendor_ID | Name | Surname | Prod_Desc | Contact_Number |
|-----------|------|---------|---------------------------------|----------------|
| 10112 | Sbu | Ngwenya | Bamboo cutley set | 0537732034 |
| 10113 | Cleo | Johan | Eco-friendly food and beverages | 0126549087 |
| 10114 | Mpho | Nous | Eco-friendly crafts | 0115428571 |
| 10115 | Kat | Johnson | Eco-friendly cleaning products | 0819990654 |

```
mysql> DELETE from Vendor where Vendor_ID = 10114
-> && Name = "Mpho"
-> && Surname = "Nous"
-> && Prod_Desc = "Eco-friendly crafts"
-> && Contact_Number = "0115428571";
```

Query OK, 1 row affected, 4 warnings (0.02 sec)

```
mysql> Select Prod_Desc from Vendor where Surname = "Ngwenya";
```

```
+-----+
| Prod_Desc |
+-----+
| Bamboo cutley set |
+-----+
1 row in set (0.00 sec)
```

```
mysql> Create table Attendee(
-> Attendee_ID int(20),
-> Name varchar(100),
-> Surname varchar(100),
-> Contact_Number varchar(15)
-> );
```

Query OK, 0 rows affected, 1 warning (0.14 sec)

```
mysql> Desc Attendee;
```

```
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Attendee_ID | int | YES | | NULL | |
| Name | varchar(100) | YES | | NULL | |
| Surname | varchar(100) | YES | | NULL | |
| Contact_Number | varchar(15) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.01 sec)
```

```
mysql> insert into Attendee(
-> Attendee_ID,
-> Name,
-> Surname,
-> Contact_Number)
-> Values
-> (43722628, "John", "Doe", "0162395057"),
-> (40172389, "Tanja", "Caps", "0786744032"),
-> (38123908, "Emma", "Noko", "0642349971"),
-> (41362918, "Elsa", "Cloete", "0722345055"),
-> (28111767, "Jerry", "Thomson", "0820833382");
Query OK, 5 rows affected (0.03 sec)
Records: 5 Duplicates: 0 Warnings: 0
```

```
mysql> select * from Attendee;
+-----+-----+-----+-----+
| Attendee_ID | Name | Surname | Contact_Number |
+-----+-----+-----+-----+
| 43722628 | John | Doe | 0162395057 |
| 40172389 | Tanja | Caps | 0786744032 |
| 38123908 | Emma | Noko | 0642349971 |
| 41362918 | Elsa | Cloete | 0722345055 |
| 28111767 | Jerry | Thomson | 0820833382 |
+-----+-----+-----+-----+
5 rows in set (0.01 sec)
```

```
mysql> Delete from Attendee where Attendee_ID = 40172389
-> && Name = "Tanja"
-> && Surname = "Caps"
-> && Contact_Number = "0786744032";
Query OK, 1 row affected, 3 warnings (0.01 sec)
```

```
mysql> select * from Attendee;
```

| <u>Attendee_ID</u> | Name | Surname | <u>Contact_Number</u> |
|--------------------|-------|---------|-----------------------|
| 43722628 | John | Doe | 0162395057 |
| 38123908 | Emma | Noko | 0642349971 |
| 41362918 | Elsa | Cloete | 0722345055 |
| 28111767 | Jerry | Thomson | 0820833382 |

4 rows in set (0.00 sec)

```
mysql> Update Attendee SET Surname = "Dorigos" where Attendee_ID = 43722628;
```

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

```
mysql> Select Contact_Number from Attendee where Surname = "Thomson";
```

| <u>Contact_Number</u> |
|-----------------------|
| 0820833382 |

1 row in set (0.01 sec)

```
mysql> select * from Attendee;
```

| <u>Attendee_ID</u> | Name | Surname | <u>Contact_Number</u> |
|--------------------|-------|---------|-----------------------|
| 43722628 | John | Dorigos | 0162395057 |
| 38123908 | Emma | Noko | 0642349971 |
| 41362918 | Elsa | Cloete | 0722345055 |
| 28111767 | Jerry | Thomson | 0820833382 |

4 rows in set (0.00 sec)

```
mysql> create table EventPlanner(
-> Planner_ID int(20),
-> Name varchar(100),
-> Surname varchar(100),
-> EmailAddress varchar(255),
-> userName varchar(100),
-> PasswordHash varchar(255)
-> );
```

Query OK, 0 rows affected (0.42 sec)

```
mysql> desc EventPlanner;
```

| Field | Type | Null | Key | Default | Extra |
|--------------|--------------|------|-----|---------|-------|
| Planner_ID | int (20) | YES | | NULL | |
| Name | varchar(100) | YES | | NULL | |
| Surname | varchar(100) | YES | | NULL | |
| EmailAddress | varchar(255) | YES | | NULL | |
| userName | varchar(100) | YES | | NULL | |
| PasswordHash | varchar(255) | YES | | NULL | |

6 rows in set (0.02 sec)

```
mysql> insert into EventPlanner(
```

```
-> Planner_ID,
-> Name,
-> Surname,
-> EmailAddress,
-> userName,
-> PasswordHash)
-> values
-> ("096", "Mpho", "Sekwe", "msekwe@gmail.com", "msekwe", "sk234sekwe"),
-> ("088", "Lesego", "Johannes", "johannesl@gmail.com", "Lesl", "joh345"),
-> ("075", "Thabo", "Sematla", "t.sematla@gmail.com", "thibos", "567#tsem"),
-> ("094", "Selina", "Isolo", "tsolos@gmail.com", "selzoT", "lina!67"),
-> ("042", "Mokgadi", "Queen", "kgadiQ@gmail.com", "QueenM", "Mok56!9");
```

Query OK, 5 rows affected (0.33 sec)

Records: 5 Duplicates: 0 Warnings: 0

```
mysql> select * from EventPlanner;
```

| Planner_ID | Name | Surname | EmailAddress | userName | PasswordHash |
|------------|---------|----------|---------------------|----------|--------------|
| 096 | Mpho | Sekwe | msekwe@gmail.com | msekwe | sk234sekwe |
| 088 | Lesego | Johannes | johannes1@gmail.com | lesJ | joh345 |
| 075 | Thabo | Sematla | t.sematla@gmail.com | thibos | 567#tsem |
| 094 | Selina | Isolo | tsolos@gmail.com | selzoI | lina!67 |
| 042 | Mokgadi | Queen | kgadiQ@gmail.com | QueenM | Mok56!9 |

```
5 rows in set (0.00 sec)
```

```
mysql> select * from EventPlanner where userName = "thibos";
```

| Planner_ID | Name | Surname | EmailAddress | userName | PasswordHash |
|------------|-------|---------|---------------------|----------|--------------|
| 075 | Thabo | Sematla | t.sematla@gmail.com | thibos | 567#tsem |

```
1 row in set (0.00 sec)
```

```
mysql> select Planner_ID from EventPlanner where userName = "lesJ";
```

| Planner_ID |
|------------|
| 088 |

```
1 row in set (0.00 sec)
```

4. Programming code for maintaining a child entity of the data Model

Connection Options

Options

Select Objects

Review SQL Script

Commit Progress

Review the SQL Script to be Executed

This script will now be executed on the DB server to create your databases.
You may make changes before executing.

```
1      -- MySQL Workbench Forward Engineering
2
3      SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0;
4      SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0;
5      SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLES,
6
7      -----
8      -- Schema mydb
9      -----
10     -----
11     -- Schema ecoeventsdb
12     -----
13
14     -----
15     -- Schema ecoeventsdb
16     -----
17     CREATE SCHEMA IF NOT EXISTS `ecoeventsdb` DEFAULT CHARACTER SET utf8mb4 COLLATE utf8m
18     USE `ecoeventsdb` ;
19
20     -----
21     -- Table `ecoeventsdb`.`eventplanner`
22     -----
23     CREATE TABLE IF NOT EXISTS `ecoeventsdb`.`eventplanner` (
24     `Planner_ID` INT NOT NULL AUTO_INCREMENT,
```

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Connection Options

Options

Select Objects

Review SQL Script

Commit Progress

Review the SQL Script to be Executed

This script will now be executed on the DB server to create your databases.
You may make changes before executing.

```
22  -----
23  CREATE TABLE IF NOT EXISTS `ecoeventsdb`.`eventplanner` (
24    `Planner_ID` INT NOT NULL AUTO_INCREMENT,
25    `Name` VARCHAR(100) NOT NULL,
26    `Surname` VARCHAR(100) NOT NULL,
27    `EmailAddress` VARCHAR(255) NOT NULL,
28    `UserName` VARCHAR(100) NOT NULL,
29    `PasswordHash` VARCHAR(255) NOT NULL,
30    PRIMARY KEY (`Planner_ID`),
31    UNIQUE INDEX `EmailAddress` (`EmailAddress` ASC) VISIBLE,
32    UNIQUE INDEX `UserName` (`UserName` ASC) VISIBLE)
33  ENGINE = InnoDB
34  AUTO_INCREMENT = 3
35  DEFAULT CHARACTER SET = utf8mb4
36  COLLATE = utf8mb4_0900_ai_ci;
37
38
39  -----
40  -- Table `ecoeventsdb`.`event`
41  -----
42  CREATE TABLE IF NOT EXISTS `ecoeventsdb`.`event` (
43    `Event_ID` INT NOT NULL AUTO_INCREMENT,
44    `Description` VARCHAR(255) NOT NULL,
45    `Date` DATETIME NOT NULL,
```

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Connection Options

Options

Select Objects

Review SQL Script

Commit Progress

Review the SQL Script to be Executed

This script will now be executed on the DB server to create your databases.
You may make changes before executing.

```
37
38
39  -----
40  -- Table `ecoeventsdb`.`event`
41  -----
42  CREATE TABLE IF NOT EXISTS `ecoeventsdb`.`event` (
43    `Event_ID` INT NOT NULL AUTO_INCREMENT,
44    `Description` VARCHAR(255) NOT NULL,
45    `Date` DATETIME NOT NULL,
46    `Capacity` INT NOT NULL,
47    `Planner_ID` INT NULL DEFAULT NULL,
48    PRIMARY KEY (`Event_ID`),
49    INDEX `Planner_ID` (`Planner_ID` ASC) VISIBLE,
50    CONSTRAINT `event_ibfk_1`
51    FOREIGN KEY (`Planner_ID`)
52    REFERENCES `ecoeventsdb`.`eventplanner` (`Planner_ID`)
53    ON DELETE SET NULL)
54  ENGINE = InnoDB
55  AUTO_INCREMENT = 16
56  DEFAULT CHARACTER SET = utf8mb4
57  COLLATE = utf8mb4_0900_ai_ci;
58
59  -----
60
```

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Connection Options

Options

Select Objects

Review SQL Script

Commit Progress

Review the SQL Script to be Executed

This script will now be executed on the DB server to create your databases.
You may make changes before executing.

```
61 -- Table `ecoeventsdb`.`attendee`  
62 -----  
63 CREATE TABLE IF NOT EXISTS `ecoeventsdb`.`attendee` (  
64   `Attendee_ID` INT NOT NULL AUTO_INCREMENT,  
65   `Name` VARCHAR(100) NOT NULL,  
66   `Surname` VARCHAR(100) NOT NULL,  
67   `Contact_Number` VARCHAR(15) NOT NULL,  
68   `Planner_ID` INT NULL DEFAULT NULL,  
69   `Event_ID` INT NULL DEFAULT NULL,  
70   PRIMARY KEY (`Attendee_ID`),  
71   INDEX `Planner_ID` (`Planner_ID` ASC) VISIBLE,  
72   INDEX `Event_ID` (`Event_ID` ASC) VISIBLE,  
73   CONSTRAINT `attendee_ibfk_1`  
74     FOREIGN KEY (`Planner_ID`)  
75     REFERENCES `ecoeventsdb`.`eventplanner` (`Planner_ID`)  
76     ON DELETE SET NULL,  
77   CONSTRAINT `attendee_ibfk_2`  
78     FOREIGN KEY (`Event_ID`)  
79     REFERENCES `ecoeventsdb`.`event` (`Event_ID`)  
80     ON DELETE CASCADE)  
81 ENGINE = InnoDB  
82 AUTO_INCREMENT = 13  
83 DEFAULT CHARACTER SET = utf8mb4  
84 COLLATE = utf8mb4_0900_ai_ci;
```

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Connection Options

Options

Select Objects

Review SQL Script

Commit Progress

Review the SQL Script to be Executed

This script will now be executed on the DB server to create your databases.
You may make changes before executing.

```
85
86
87 -----
88 -- Table `ecoeventsdb`.`vendor`
89 -----
90 CREATE TABLE IF NOT EXISTS `ecoeventsdb`.`vendor` (
91   `Vendor_ID` INT NOT NULL AUTO_INCREMENT,
92   `Name` VARCHAR(100) NOT NULL,
93   `Surname` VARCHAR(100) NOT NULL,
94   `Prod_Desc` VARCHAR(255) NOT NULL,
95   `Contact_Number` VARCHAR(15) NOT NULL,
96   `Event_ID` INT NULL DEFAULT NULL,
97   PRIMARY KEY (`Vendor_ID`),
98   INDEX `Event_ID` (`Event_ID` ASC) VISIBLE,
99   CONSTRAINT `vendor_ibfk_1`
100     FOREIGN KEY (`Event_ID`)
101     REFERENCES `ecoeventsdb`.`event` (`Event_ID`)
102     ON DELETE CASCADE)
103 ENGINE = InnoDB
104 AUTO_INCREMENT = 9
105 DEFAULT CHARACTER SET = utf8mb4
106 COLLATE = utf8mb4_0900_ai_ci;
107
108
```

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Connection Options

Options

Select Objects

Review SQL Script

Commit Progress

Review the SQL Script to be Executed

This script will now be executed on the DB server to create your databases.
You may make changes before executing.

```
90 CREATE TABLE IF NOT EXISTS `ecoeventsdb`.`vendor` (  
91   `Vendor_ID` INT NOT NULL AUTO_INCREMENT,  
92   `Name` VARCHAR(100) NOT NULL,  
93   `Surname` VARCHAR(100) NOT NULL,  
94   `Prod_Desc` VARCHAR(255) NOT NULL,  
95   `Contact_Number` VARCHAR(15) NOT NULL,  
96   `Event_ID` INT NULL DEFAULT NULL,  
97   PRIMARY KEY (`Vendor_ID`),  
98   INDEX `Event_ID` (`Event_ID` ASC) VISIBLE,  
99   CONSTRAINT `vendor_ibfk_1`  
100 FOREIGN KEY (`Event_ID`)  
101 REFERENCES `ecoeventsdb`.`event` (`Event_ID`)  
102 ON DELETE CASCADE)  
103 ENGINE = InnoDB  
104 AUTO_INCREMENT = 9  
105 DEFAULT CHARACTER SET = utf8mb4  
106 COLLATE = utf8mb4_0900_ai_ci;  
107  
108  
109 SET SQL_MODE=@OLD_SQL_MODE;  
110 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS;  
111 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS;  
112
```

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5. Reports

Summary Report

Start Date: 09/12/2024 End Date: 12/30/2024 Generate Summary Report

| Description | TotalEvents | TotalCapacity |
|---------------|-------------|---------------|
| Farewell | 6 | 1612 |
| Seminar | 4 | 625 |
| Board Meeting | 1 | 22 |
| Grand Total | 11 | 2259 |

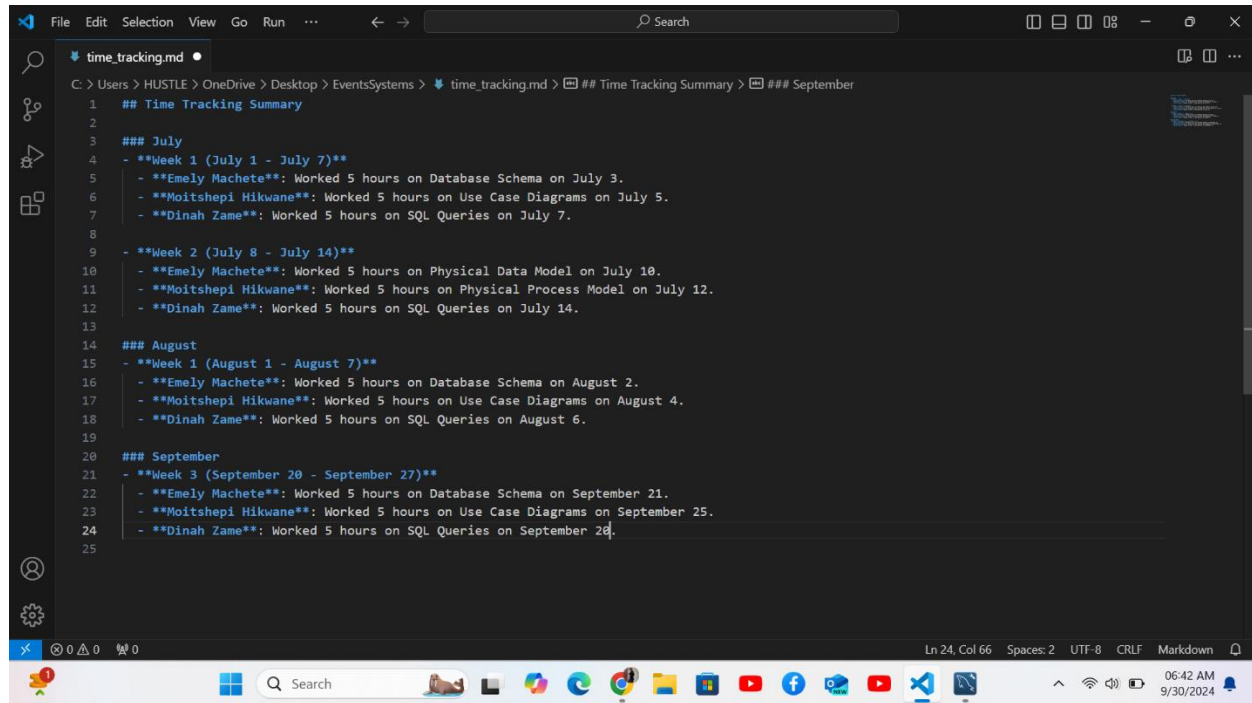
Exception Report

Start Date: 09/12/2024 End Date: 12/30/2024 Generate Exception Report

| Event_ID | Description | Date | Capacity |
|----------|---------------|-----------------------|----------|
| 16 | Board Meeting | 9/30/2024 5:00:00 PM | 22 |
| 13 | Farewell | 9/12/2024 12:58:02 PM | 20 |
| | Grand Total | | 42 |

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6.Detailed diary



```
1 ## Time Tracking Summary
2
3 ### July
4 - **Week 1 (July 1 - July 7)**
5   - **Emely Machete**: Worked 5 hours on Database Schema on July 3.
6   - **Moitshepi Hikwane**: Worked 5 hours on Use Case Diagrams on July 5.
7   - **Dinah Zame**: Worked 5 hours on SQL Queries on July 7.
8
9 - **Week 2 (July 8 - July 14)**
10  - **Emely Machete**: Worked 5 hours on Physical Data Model on July 10.
11  - **Moitshepi Hikwane**: Worked 5 hours on Physical Process Model on July 12.
12  - **Dinah Zame**: Worked 5 hours on SQL Queries on July 14.
13
14 ### August
15 - **Week 1 (August 1 - August 7)**
16  - **Emely Machete**: Worked 5 hours on Database Schema on August 2.
17  - **Moitshepi Hikwane**: Worked 5 hours on Use Case Diagrams on August 4.
18  - **Dinah Zame**: Worked 5 hours on SQL Queries on August 6.
19
20 ### September
21 - **Week 3 (September 20 - September 27)**
22  - **Emely Machete**: Worked 5 hours on Database Schema on September 21.
23  - **Moitshepi Hikwane**: Worked 5 hours on Use Case Diagrams on September 25.
24  - **Dinah Zame**: Worked 5 hours on SQL Queries on September 26.
25
```