

DW Minor Project

Choosing a Hotel For Leisure

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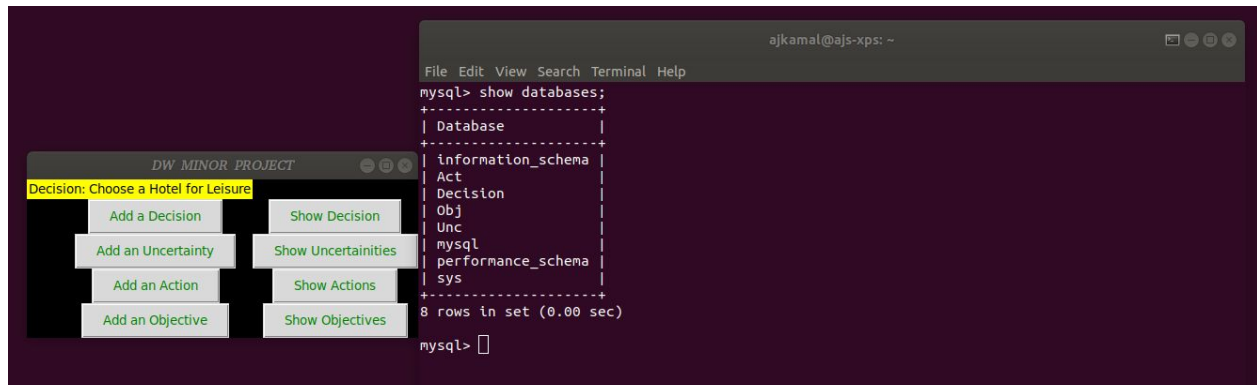
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Stage 1: Initially no Database is Present.

```
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
+-----+
4 rows in set (0.00 sec)
```

Stage 2: Opening GUI Create respective Databases

1. Decision: Decisions
2. Act: Actions
3. Obj: Objectives
4. Unc: Uncertainties.



Stage 3: Adding entities for each of the categories.

a) Adding an Uncertainty:

PaymentOption(decid,poid, Online, Offline,Credit)

The screenshot shows the 'DW MINOR PROJECT' window with a title bar. Below the title bar, a yellow banner reads 'Decision: Choose a Hotel for Leisure'. The main area contains two columns of buttons: 'Add a Decision', 'Add an Uncertainty', 'Add an Action', 'Add an Objective' on the left, and 'Show Decision', 'Show Uncertainties', 'Show Actions', 'Show Objectives' on the right. An 'Add New Uncertainty' dialog box is open in the foreground. It has two input fields: 'Name of Uncertainty Object' with the text 'PaymentOption' and 'Records in Uncertainty Object' with the text 'decid,poid, Online, Offlin'. A 'Submit' button is at the bottom.

b) Adding an Objective:

QualityofService(decid,qosid, servicename,customer,servicee,rating,price)

The screenshot shows the 'DW MINOR PROJECT' window with a title bar. Below the title bar, a yellow banner reads 'Decision: Choose a Hotel for Leisure'. The main area contains two columns of buttons: 'Add a Decision', 'Add an Uncertainty', 'Add an Action', 'Add an Objective' on the left, and 'Show Decision', 'Show Uncertainties', 'Show Actions', 'Show Objectives' on the right. An 'Add New Objective' dialog box is open in the foreground. It has two input fields: 'Name of Objective Object' with the text 'QualityofService' and 'Records in Objective Object' with the text 'decid,qosid, servicename'. A 'Submit' button is at the bottom.

c) Adding a Decision:

The screenshot shows the 'DW MINOR PROJECT' window. At the top, the text 'Decision: Choose a Hotel for Leisure' is highlighted in yellow. Below this, there are four buttons: 'Add a Decision', 'Show Decision', 'Add an Uncertainty', 'Show Uncertainties', 'Add an Action', 'Show Actions', and 'Add an Objective', 'Show Objectives'. At the bottom, there is a dialog box titled 'Add New Decision'. It has a text input field labeled 'Enter your decision:' with the text 'ChooseActivity' entered. Below the input field is a 'Submit' button.

d) Adding an Action:

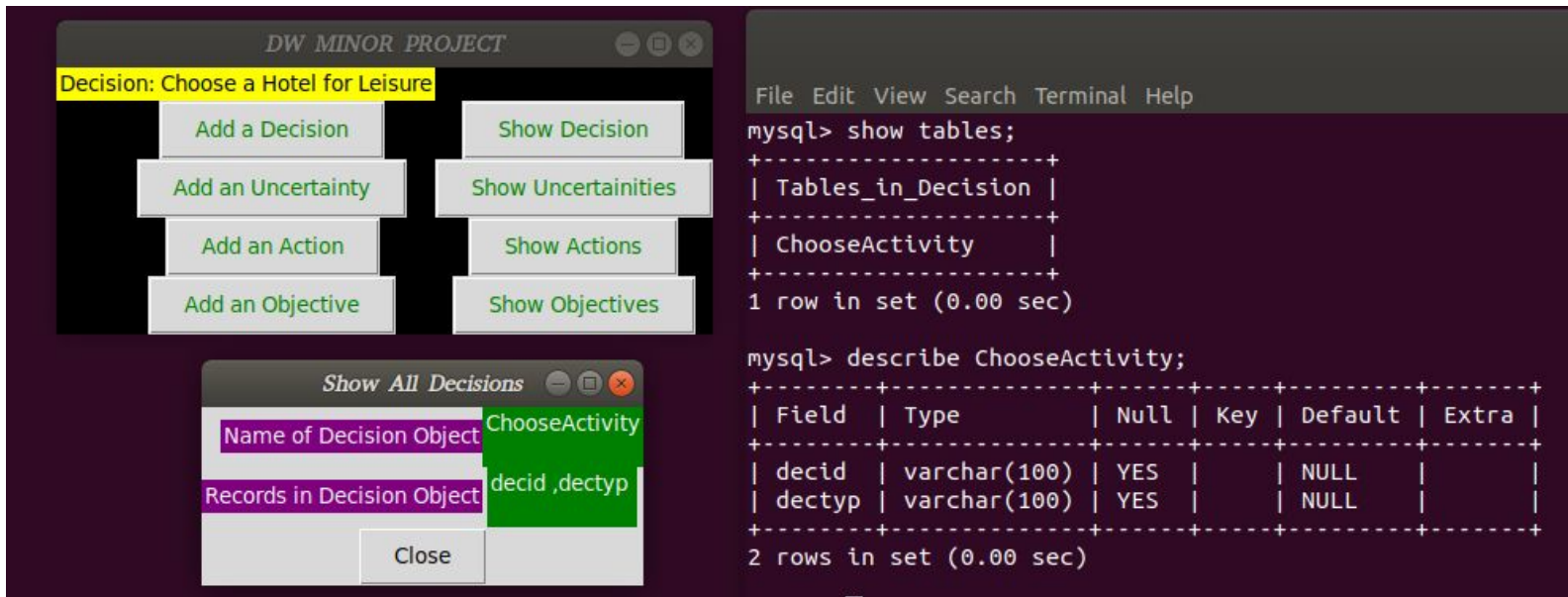
OrderFood(decid,orderid,item,quantity,price,customer,addons,poid)
SelectLocation(decid,locid,cost,proximity,accessibility,availability,qosid)

The screenshot shows the 'DW MINOR PROJECT' window. At the top, the text 'Decision: Choose a Hotel for Leisure' is highlighted in yellow. Below this, there are four buttons: 'Add a Decision', 'Show Decision', 'Add an Uncertainty', 'Show Uncertainties', 'Add an Action', 'Show Actions', and 'Add an Objective', 'Show Objectives'. At the bottom, there is a dialog box titled 'Add New Action'. It has two text input fields: 'Name of Action Object' with the text 'OrderFood' and 'Records in Action Object' with the text 'e,customer,addons,poid'. Below the input fields is a 'Submit' button.

The screenshot shows the 'DW MINOR PROJECT' window. At the top, the text 'Decision: Choose a Hotel for Leisure' is highlighted in yellow. Below this, there are four buttons: 'Add a Decision', 'Show Decision', 'Add an Uncertainty', 'Show Uncertainties', 'Add an Action', 'Show Actions', and 'Add an Objective', 'Show Objectives'. At the bottom, there is a dialog box titled 'Add New Action'. It has two text input fields: 'Name of Action Object' with the text 'SelectLocation' and 'Records in Action Object' with the text 'decid,locid,cost,proximit'. Below the input fields is a 'Submit' button.

Stage 4: Retrieval entities from each of the categories.

a) Retrieving Decision:



The screenshot shows the DW MINOR PROJECT interface with a menu for "Decision: Choose a Hotel for Leisure". The menu includes options to "Add a Decision", "Add an Uncertainty", "Add an Action", "Add an Objective", "Show Decision", "Show Uncertainties", "Show Actions", and "Show Objectives". A "Show All Decisions" dialog box is open, showing the "Name of Decision Object" as "ChooseActivity" and "Records in Decision Object" as "decid ,dectyp".

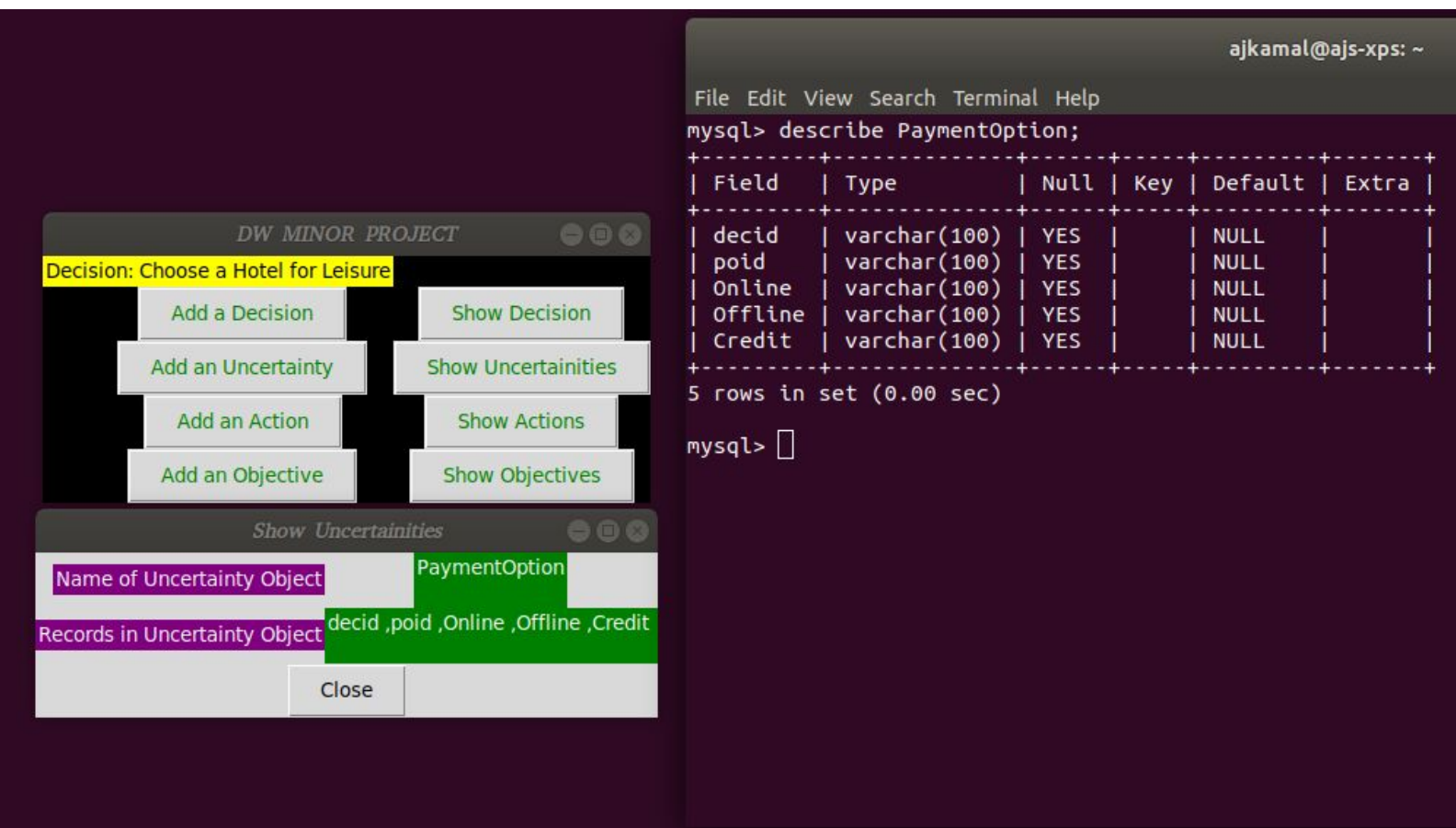
The terminal window shows the following commands and results:

```
mysql> show tables;
+-----+
| Tables_in_Decision |
+-----+
| ChooseActivity      |
+-----+
1 row in set (0.00 sec)
```

```
mysql> describe ChooseActivity;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| decid | varchar(100)  | YES  |     | NULL    |       |
| dectyp | varchar(100)  | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
```

2 rows in set (0.00 sec)

b) Retrieving Uncertainty:



The screenshot shows the DW MINOR PROJECT interface with a menu for "Decision: Choose a Hotel for Leisure". The menu includes options to "Add a Decision", "Add an Uncertainty", "Add an Action", "Add an Objective", "Show Decision", "Show Uncertainties", "Show Actions", and "Show Objectives". A "Show Uncertainties" dialog box is open, showing the "Name of Uncertainty Object" as "PaymentOption" and "Records in Uncertainty Object" as "decid ,poid ,Online ,Offline ,Credit".

The terminal window shows the following commands and results:

```
mysql> describe PaymentOption;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| decid | varchar(100)  | YES  |     | NULL    |       |
| poid  | varchar(100)  | YES  |     | NULL    |       |
| Online | varchar(100)  | YES  |     | NULL    |       |
| Offline | varchar(100)  | YES  |     | NULL    |       |
| Credit | varchar(100)  | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
```

5 rows in set (0.00 sec)

```
mysql>
```

c) Retrieving Objective:

DW MINOR PROJECT

Decision: Choose a Hotel for Leisure

Add a Decision	Show Decision
Add an Uncertainty	Show Uncertainties
Add an Action	Show Actions
Add an Objective	Show Objectives

Show All Objectives

Name of Objective Object	QualityofService
Records in Objective Object	decid ,qosid ,servicename ,customer ,servicee ,rating ,price
Close	

ajkamal@ajs-xps: ~

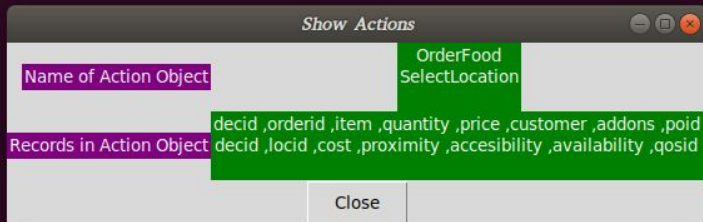
File Edit View Search Terminal Help

```
mysql> show tables;
+-----+
| Tables_in_Obj |
+-----+
| QualityofService |
+-----+
1 row in set (0.00 sec)
```

```
mysql> describe QualityofService;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| decid      | varchar(100) | YES  |     | NULL    |       |
| qosid      | varchar(100) | YES  |     | NULL    |       |
| servicename | varchar(100) | YES  |     | NULL    |       |
| customer   | varchar(100) | YES  |     | NULL    |       |
| servicee   | varchar(100) | YES  |     | NULL    |       |
| rating     | varchar(100) | YES  |     | NULL    |       |
| price      | varchar(100) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```

mysql>

d) Retrieving Action:



File Edit View Search Terminal Help

```
mysql> show tables;
```

```
+-----+
| Tables_in_Act |
+-----+
| OrderFood     |
| SelectLocation|
+-----+
2 rows in set (0.00 sec)
```

```
mysql> describe OrderFood;
```

Field	Type	Null	Key	Default	Extra
decid	varchar(100)	YES		NULL	
orderid	varchar(100)	YES		NULL	
item	varchar(100)	YES		NULL	
quantity	varchar(100)	YES		NULL	
price	varchar(100)	YES		NULL	
customer	varchar(100)	YES		NULL	
addons	varchar(100)	YES		NULL	
poid	varchar(100)	YES		NULL	

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

```
mysql> describe SelectLocation;
```

Field	Type	Null	Key	Default	Extra
decid	varchar(100)	YES		NULL	
locid	varchar(100)	YES		NULL	
cost	varchar(100)	YES		NULL	
proximity	varchar(100)	YES		NULL	
accessibility	varchar(100)	YES		NULL	
availability	varchar(100)	YES		NULL	
qosid	varchar(100)	YES		NULL	

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