



جامعة دبي
UNIVERSITY of DUBAI

Course Code: __ITGN 350__ **Course Title:** __Web Design and Development__

Semester: __Spring__ **Academic Year:** __2019/2020__

Assessment Instrument: (Final Exam Part 1) **Due Date:** __Post on Moodle__

Course Instructor: Dr. Shadi Atalla__

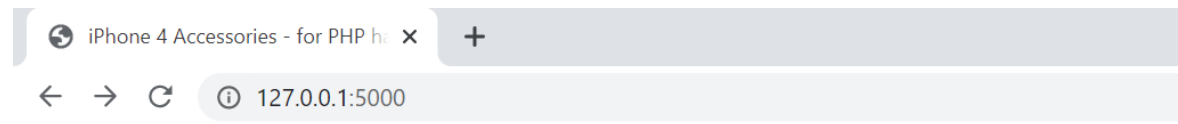
College/Department: __College of Engineering and Information Technology__

This assessment instrument assesses the following Course Learning Outcomes (CLO):

Question SN	CLO #	CLO Description	Question Total Mark	Student Mark
Question 1	CLO 4	Create interactive forms that capture and validate user input	5	
	CLO 5	Develop database-enabled Web applications using PHP, MySQL and Apache	5	
Oral Discussion			10	
Total Mark			20	

*Linkages to Program Outcomes and Concentration Outcomes are provided in the Syllabus.

QUESTION: [10 MARKS] Write HTML/CSS code and Server-side script files to create **the iPhone Store** shown below.



Welcome to iPhone On-line Store

Buyer's Name:	<input type="text" value="Shadi Atalla"/>
Apt., Bldg., Street:	<input type="text" value="aa"/>
City, Emirate, P.O.Box:	<input type="text" value="Dubai"/>

Product	Picture	Price	Quantity
AIAIAI TMA-1 Headphones with Remote + Mic		AED 799.00	<input type="text" value="1"/>
Uncommon Deflector Case for iPhone 4		AED 149.95	<input type="text" value="1"/>
Wireless Bluetooth Headphones		AED 1,199.00	<input type="text" value="1"/>
Philips DS3880W AirPlay Speaker		AED 1,539.00	<input type="text" value="1"/>

Payment Method

- ☒ Visa
- ☐ Master Card
- ☐ Discover
- ☐ Check

This on-line store would capture customer information, products selected, and payment method as shown above. On clicking submit the form will be sent to the server for processing. A **server-side** file will process cost calculation and produce a confirmation page with customer supplied information, payment method, number of items and total cost as shown below. Please note that all products pictures are sized as 40 x 40 points and named Pict1.jpg, Pict2.jpg, Pict3.jpg, and Pict4.jpg. The picture name index corresponds to the product index.

A database contains the information related to **the iPhone Store**. Each Transaction is characterized by

- `name` varchar(30) NOT NULL,
- `street` varchar(30) NOT NULL,

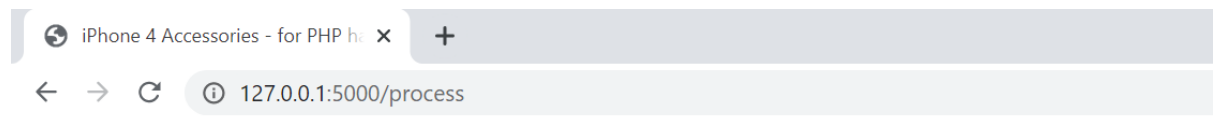
- `city` varchar(30) NOT NULL,
- `accessory1` int(11) NOT NULL,
- `accessory2` int(11) NOT NULL,
- `accessory3` int(11) NOT NULL,
- `accessory4` int(11) NOT NULL,
- `payment` varchar(30) NOT NULL

The relational schema is composed by the following table:



Field	Type
name	varchar(30)
street	varchar(30)
city	varchar(30)
accessory1	int(11)
accessory2	int(11)
accessory3	int(11)
accessory4	int(11)
payment	varchar(30)

After Submitting Data is stored into database and the following page is shown



The Submitted Data is Save into the database table

Welcome to iPhone On-line Store

Buyer's Name: Shadi Atalla
 Apt., Bldg., Street: aa
 City, Emirate, P.O.Box: Dubai

Product	Picture	Price	Quantity
AIAIAI TMA-1 Headphones with Remote + Mic		AED 799.00	1
Uncommon Deflector Case for iPhone 4		AED 149.95	1
Wireless Bluetooth Headphones		AED 1,199.00	1
Philips DS3880W AirPlay Speaker		AED 1,539.00	1

Payment Method

visa

Answer Sheet

Commands to run the app:

Server Script code (app.py)

Index.html code

process.html code