SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

Winter 2014 Database Systems

Sportsera
Online Store

Submitted To: Prof. Maria pantoja

Submitted By: Silpa Nandipati

Student ID: W1026586

1

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

Contents

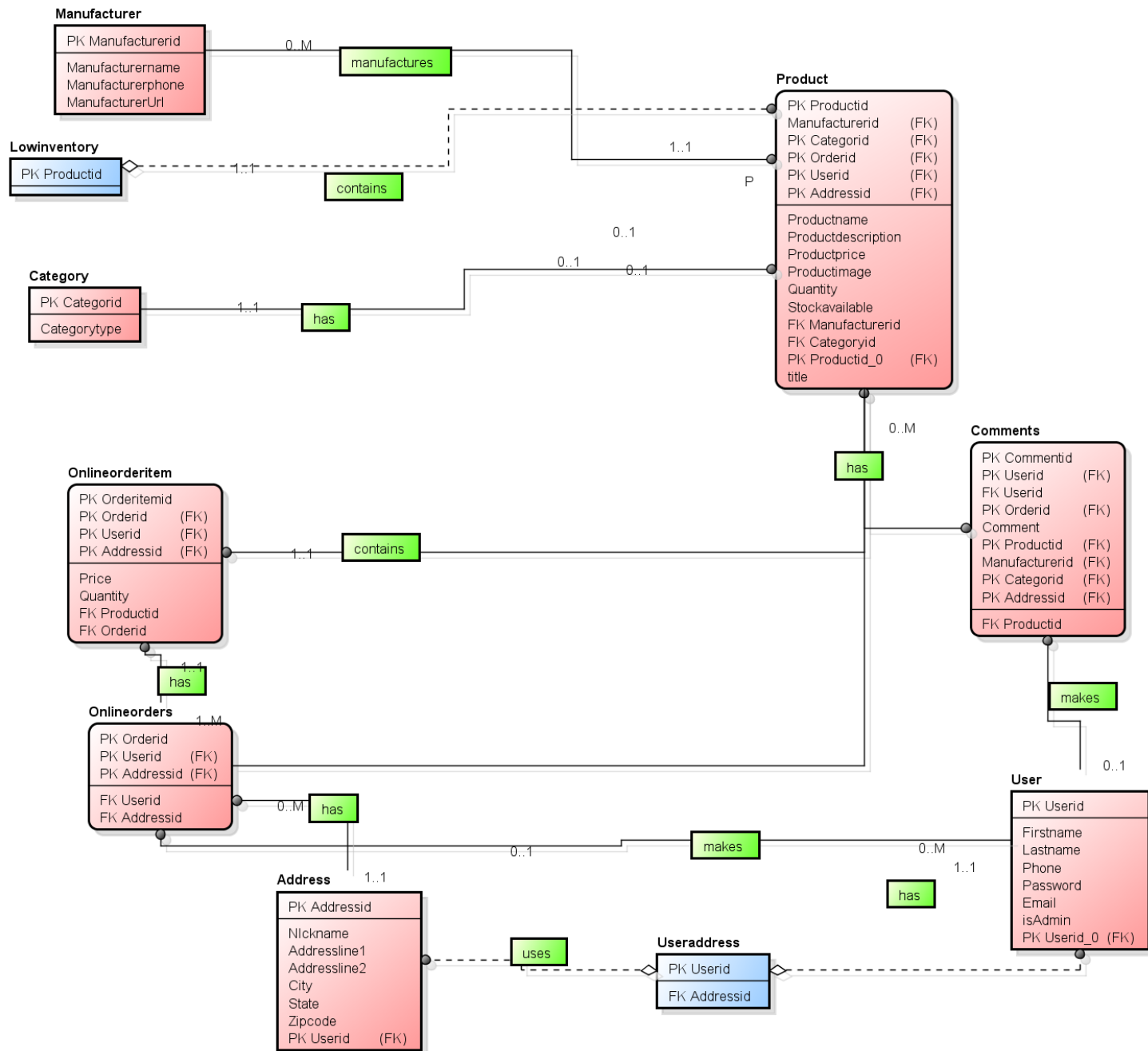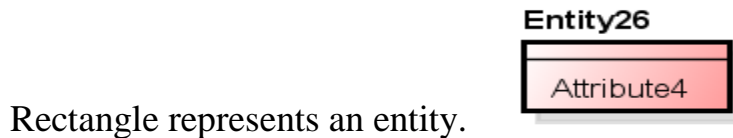| 2. Project Description	2
3. ER Diagram	4
4. Reduction	5
5. Normalization	6, 7
6. SQL Queries used	7
7. Implementation	29 (1,2,3) Source Code Folder 4 Screenshots on Execution

2. Project Description :

Sportsera is an online sports store application to sell sports products online that uses Database to store information of various sports categories as specified below.

- Fitness
- Clothes
- Shoes
- Games
- Teamsports
- Actionsports
- Accessories

❖ Store application is located in a city and identified by unique name. i.e, Sportsera, Santaclara, California.

❖ Any customer he/she first connects to the store website namely http://www.sportsera.com and will be able to browse the items based on the item category (Fitness, Clothes, Shoes, Games, Teamsports, Actionsports, Accessories).

❖ Customers can register and become registered members of the store. Registered members will get 5% discount on every purchase of the store product.

❖ Customers get registered through signup by requesting their personal information like firstname, lastname, street, city, address, phone, zipcode.

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

- ❖ All the fields are mandatory and unfilled fields throws error message and gives successful message once all the fields are filled out completely. Successful messages and error messages are shown at times required.
- ❖ Even unregistered members can purchase products for which shipping address and credit card information is requested to proceed to further payment. Unregistered members do not have any discount.
- ❖ Administrator has the functionality to check the low inventory stock availability of data and list of current orders made by both the registered and unregistered users.
- ❖ Login of the user is validated with correct email address (considered email id as the login ID) and password before allowing them to access the search page as a member.
- ❖ Website contact information and few details of the store description has been provided.

- ✓ Products will have images, Description, Price, Manufacturer name (brand) and all the above stated properties will be displayed for a product. Users can select the product based on their choice and places the order.
- ✓ Products can be searched by various criteria as Product title, Product Description, Category type, Manufacturer name, product price.
- ✓ After purchasing the product user can post their reviews about the product by providing comments on various products. New users can view the comments posted by the previous customers by clicking on the product link.
- ✓ Purchase Summary is displayed once the customer proceeds to the payment after providing the valid signup details by placing the order. Orderid, shipping address details, credit card information is provided.
- ✓ Trigger alert will be provided for the products low in the inventory.
- ✓ Transaction is shown using the online order completion.

SANTA CLARA UNIVERSITY

THE JESUIT UNIVERSITY IN SILICON VALLEY

3. Entity Relationship Diagram: ER diagram for the Sportsera has been displayed below

Entity26
Attribute4

Rectangle represents an entity.

Entity26

Weakentity

Represents a relationship.

4, 5. Reduction and Normalization

- The tables listed are in 4NF.
- All the tables are in first normal form because every value in the table is atomic (indivisible units). The phone number attributes for user, manufacturer are considered atomic. Each user and manufacturer has only one phone number – Non redundant.
- While considering Product and manufacturer relations, it was possible that various products could be manufactured by same manufacturer. Hence problem of redundancy may occur here .This combination of including manufacturer for the product in same relation was broken and 2 tables were created which lead to manufacturer and product tables. This is in the second normal form. Relationship was established using primary and foreign key constraints between both the tables.
- Assumption has been made that one product can be manufactured by single manufacturer.
  Product(Productid,Productname,title,image,price,description,stockavaialble, Categoryid,manufacuterid).
  Manufacturer(Manufacturerid,Manufacturername,URL,phone).
  Category(Categoryid,Categorytype).
- All the above three tables were reduced from Product table and 2NF(second normal form) was satisfied.

5

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

- User can have multiple addresses. To remove repetition (redundancy) of address, the table was broken. Hence the details of address for a user has been removed and put into a different table called Address which is referred using Address id.
  Address (Addressid, nickname, addressline1, addressline2, city, state, zipcode)

- 1 online order can have multiple order items, so these two tables were made separate to satisfy the 2nd Normal form(2NF). So the two individual tables are
  Onlineorders (orderid, userid, addressed, orderstatus, ordereddate)
  Onlineorderitems (orderitemid, orderid, productid, price, quantity).

- 1 Product can have multiple comments, which further leads to breaking of single table, which I had considered previously where I wanted to add comments into Product table. But later it was reduced for this duplicate reason and made as 2 separate tables.
  Comment (commentid, userid, productid, comment)

- Low inventory table has a dependency on product table as it depends on the product id of the book relation. It does not have its own Primary key which further makes it a Weak entity (3NF). The primary key of strong entity would become the partial key dependency for weakentity. i.e Productid becomes the partial key for the weakentity lowinventory.
  Product(Productid,Productname,title,image,price,description,stockavaialble,Categoryid,manufacuterid).
  LowInventory (Productid).

- It's the same case with User Address table as well which has a dependency on User table and Address table which further leads that to satisfy 3rd Normal Form (3NF).
  User(User id, email, password, first name, last name, isAdmin, phone)
  Address(Addressid,nickname,addressline1,addressline2,city,state,zipcode)
  Useraddress (userid, addressid).
  Useraddress is a weakentity, so it depends on the strong entity and userid, addressed are the dependent keys for it.

- None of the tables are in 4rth Normal form (4NF) because; there is no data that is concerned with a dependency known as a multivalued dependency. A Table is in 4NF if and only if dependencies, X $\longrightarrow$ Y, X is a super key—that is, X is either a candidate key or a superset thereof.

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

Reduced Tables:

Product(<u>Productid</u>,Productname,title,image,price,description,stockavaialble, Categoryid,manufacuterid)

Manufacturer(<u>Manufacturerid</u>,Manufacturername,URL,phone)

Category(<u>Categoryid</u>,Categorytype)

Onlineorders (<u>orderid,</u> userid,addressed,orderstatus,ordereddate)

Onlineorderitems (<u>orderitemid</u>,orderid,productid,price,quantity)

Comment (<u>commentid</u>,userid,productid,comment)

LowInventory(Productid)

User(<u>User id</u>, email, password, first name, last name, isAdmin, phone)

Address(<u>Addressid</u>,nickname,addressline1,addressline2,city,state,zipcode)

Useraddress (<u>userid</u>, addressid)

6. SQL Queries Used

sportsera.sql

1. Creating database

Create database sportsera_database;

Drop database sportsera_database;

Use database sportsera_database;

 -- Database: `sportsera_database`--

CREATE DATABASE IF NOT EXISTS `sportsera_database` DEFAULT CHARACTER SET latin1 COLLATE latin1_swedish_ci;

USE `sportsera_database`;

--

Table structure for table `address`

--

CREATE TABLE IF NOT EXISTS `address` (

  `addressid` int(11) NOT NULL AUTO_INCREMENT,

    `nickname` varchar(20) DEFAULT NULL,

    `addressline1` varchar(50) DEFAULT NULL,

    `addressline2` varchar(50) DEFAULT NULL,

    `city` varchar(50) NOT NULL,

```
    `state` varchar(50) NOT NULL,
    `zipcode` int(11) NOT NULL,
    PRIMARY KEY (`addressid`)
) ENGINE=InnoDB  DEFAULT CHARSET=latin1;
```

```
--
-- Table structure for table `category`
--
```

```
CREATE TABLE IF NOT EXISTS `category` (
 `categoryid` int(11) NOT NULL AUTO_INCREMENT,
 `categorytype` char(20) DEFAULT NULL,
  PRIMARY KEY (`categoryid`)
) ENGINE=InnoDB  DEFAULT CHARSET=latin1;
```

```
--
-- Table structure for table `comments`
--
```

```
CREATE TABLE IF NOT EXISTS `comments` (
 `commentid` int(11) NOT NULL AUTO_INCREMENT,
 `userid` int(11) DEFAULT NULL,
 `productid` int(11) DEFAULT NULL,
 `comment` varchar(80) DEFAULT NULL,
  PRIMARY KEY (`commentid`),
  UNIQUE KEY `userid_productid` (`userid`,`productid`),
  KEY `comments_ibfk_2` (`productid`)
) ENGINE=InnoDB  DEFAULT CHARSET=latin1 AUTO_INCREMENT=3
```

```
--
-- Table structure for table `lowinventory`
--
```

```
CREATE TABLE IF NOT EXISTS `lowinventory` (
 `productid` int(11) NOT NULL,
  PRIMARY KEY (`productid`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--
-- Table structure for table `manufacturer`
--

CREATE TABLE IF NOT EXISTS `manufacturer` (
  `manufacturerid` int(11) NOT NULL AUTO_INCREMENT,
  `manufacturername` varchar(15) NOT NULL,
  `URL` varchar(100) NOT NULL,
  `phone` int(10) NOT NULL,
  PRIMARY KEY (`manufacturerid`)
) ENGINE=InnoDB  DEFAULT CHARSET=latin1;


--
-- Table structure for table `onlineorderitems`
--

CREATE TABLE IF NOT EXISTS `onlineorderitems` (
  `orderitemid` int(11) NOT NULL AUTO_INCREMENT,
  `orderid` int(11) DEFAULT NULL,
  `productid` int(11) DEFAULT NULL,
  `price` float DEFAULT NULL,
  `quantity` int(15) DEFAULT NULL,
  PRIMARY KEY (`orderitemid`),
  KEY `orderid` (`orderid`),
  KEY `productid` (`productid`)
) ENGINE=InnoDB  DEFAULT CHARSET=latin1;


--
-- Table structure for table `onlineorders`
--

CREATE TABLE IF NOT EXISTS `onlineorders` (
  `orderid` int(11) NOT NULL AUTO_INCREMENT,
  `userid` int(11) DEFAULT NULL,
  `addressid` int(11) NOT NULL,
  `orderstatus` int(4) DEFAULT '1',
  `ordereddate` date DEFAULT NULL,
  PRIMARY KEY (`orderid`),
  KEY `userid` (`userid`)
) ENGINE=InnoDB  DEFAULT CHARSET=latin1;


--
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

-- Table structure for table `product`
--

```
CREATE TABLE IF NOT EXISTS `product` (
  `productid` int(11) NOT NULL AUTO_INCREMENT,
  `title` char(30) NOT NULL,
  `productname` varchar(100) NOT NULL,
  `image` varchar(200) NOT NULL,
  `price` float NOT NULL,
  `productdescription` text NOT NULL,
  `stockavailable` int(11) NOT NULL,
  `manufacturerid` int(11) NOT NULL,
  `categoryid` int(11) NOT NULL,
  PRIMARY KEY (`productid`),
  KEY `categoryid` (`categoryid`),
  KEY `manufacturerid` (`manufacturerid`)
) ENGINE=InnoDB  DEFAULT CHARSET=latin1;


--
-- Table structure for table `user`
--

CREATE TABLE IF NOT EXISTS `user` (
  `userid` int(11) NOT NULL AUTO_INCREMENT,
  `email` varchar(200) NOT NULL,
  `password` varchar(15) NOT NULL,
  `firstname` char(15) NOT NULL,
  `lastname` char(15) NOT NULL,
  `isadmin` tinyint(1) NOT NULL DEFAULT '0',
  `phone` int(10) NOT NULL,
  PRIMARY KEY (`userid`),
  UNIQUE KEY `email` (`email`)
) ENGINE=InnoDB  DEFAULT CHARSET=latin1;


--
-- Table structure for table `user_address`
--

CREATE TABLE IF NOT EXISTS `user_address` (
  `userid` int(11) NOT NULL,
  `addressid` int(11) NOT NULL,
  PRIMARY KEY (`userid`,`addressid`)
```

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--
-- Dumping data for table `address`
--

INSERT INTO `address` (`addressid`, `nickname`, `addressline1`, `addressline2`, `city`, `state`, `zipcode`) VALUES
(1, 'hello', '300 OliveWst', 'apt 1', 'Fremont', 'ca', 94041),
(2, 'hello', '202 Fairoaks Wst', 'apt 20', 'sunnyvale', 'ca', 94086),
(3, 'hello', '110 Crooked St', 'apt 55', 'san francisco', 'ca', 94111),
(4, '', '11', '22', 'sc', 'ca', 94086),
(5, '', 'sfw', 's bernando', 'sfo', 'ca', 98076),
(6, '', 'Fremont', NULL, 'Mountainview', 'CA', 94086),
(7, '', '360', 'western drive', 'santa cruz', 'CA', 95060),
(8, '', 'aaa', 'www', 'cs', 'CA', 98900),
(9, '', 'qwqw', 'qqw', 'sds', 'asa', 45555),
(10, NULL, '360', 's bernando', 'Mountainview', 'CA', 94086);

-- --

--
-- Dumping data for table `category`
--

INSERT INTO `category` (`categoryid`, `categorytype`) VALUES
(1, 'fitness'),
(2, 'clothes'),
(3, 'shoes'),
(4, 'accessories'),
(5, 'teamsports'),
(6, 'games'),
(7, 'actionsports'),
(8, 'outdoors');

-- --
--
-- Dumping data for table `comments`
--

INSERT INTO `comments` (`commentid`, `userid`, `productid`, `comment`) VALUES

```
(1, 1, 1, 'Nice product'),
(2, 3, 4, 'Very Comfortable product!!');
```

```
-- --------------------------------------------------------
```

```
--
--
-- Dumping data for table `lowinventory`
--
```

```
INSERT INTO `lowinventory` (`productid`) VALUES
(1),
(3),
(10),
(11),
(18),
(19),
(22),
(25),
(26),
(27),
(29),
(38),
(46),
(47),
(55),
(57),
(58),
(71),
(72),
(73),
(74),
(81);
```

```
-- --------------------------------------------------------
```

```
--
-- Dumping data for table `manufacturer`
--
```

```
INSERT INTO `manufacturer` (`manufacturerid`, `manufacturername`, `URL`, `phone`)
VALUES
(1, 'Adidas', 'http://www.adidas.com', 2134567895),
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

(2, 'Nike', 'http://www.nike.com', 2147483647),
(3, 'Reebok', 'http://www.reebok.com', 2134567894),
(4, 'Northface', 'http://www.thenorthface.com', 2134567695),
(5, 'Asics', 'http://www.asicsamerica.com/', 2034567895),
(6, 'Under Armour', 'http://www.underarmour.com/shop/us/en', 2084567895),
(7, 'Columbia', 'http://www.columbia.com/', 2074567895),
(8, 'Brooks', 'https://www.brooksrunning.com/', 2147406647),
(9, 'Hurley', 'http://www.hurley.com/', 2147483647),
(10, 'New Balance', 'http://www.newbalance.com/', 2147483540);

-- ---

--
-- Dumping data for table `onlineorderitems`
--

INSERT INTO `onlineorderitems` (`orderitemid`, `orderid`, `productid`, `price`, `quantity`)
VALUES
(1, 56, 1, 9.5, 1),
(2, 60, 2, 11.4, 1),
(3, 61, 4, 14.25, 1),
(4, 61, 5, 6.65, 2),
(5, 62, 1, 9.5, 1),
(6, 62, 3, 12.35, 1),
(7, 62, 4, 14.25, 1),
(8, 63, 24, 76, 1),
(9, 63, 25, 142.5, 1),
(10, 64, 5, 7, 1),
(11, 64, 6, 15, 1),
(12, 65, 1, 10, 1),
(13, 66, 12, 89, 1),
(14, 66, 13, 99, 2),
(15, 67, 1, 9.5, 1),
(16, 68, 10, 189.05, 1),
(17, 68, 11, 189.05, 3),
(25, 73, 10, 189.05, 1),
(26, 74, 80, 57, 2),
(27, 74, 81, 76, 1);

-- ---
INSERT INTO `onlineorders` (`orderid`, `userid`, `addressid`, `orderstatus`, `ordereddate`)
VALUES

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```
(1, 1, 1, 1, '2014-03-01'),
(2, 2, 2, 1, '2014-03-05'),
(3, 2, 2, 1, '2014-03-11'),
(4, 2, 2, 1, '2014-03-11'),
(5, 2, 2, 1, '2014-03-11'),
(6, 2, 2, 1, '2014-03-11'),
(7, NULL, 4, 1, '2014-03-11'),
(8, NULL, 5, 1, '2014-03-12'),
(9, 2, 2, 1, '2014-03-12'),
(10, 4, 6, 1, '2014-03-12'),
(11, 4, 6, 1, '2014-03-12'),
(12, 2, 2, 1, '2014-03-12'),
(13, 2, 2, 1, '2014-03-12'),
(14, 2, 2, 1, '2014-03-12'),
(15, 2, 2, 1, '2014-03-12'),
(16, 2, 2, 1, '2014-03-12'),
(17, 2, 2, 1, '2014-03-12'),
(18, 2, 2, 1, '2014-03-12'),
(19, 2, 2, 1, '2014-03-12'),
(20, 2, 2, 1, '2014-03-12'),
(21, 2, 2, 1, '2014-03-12'),
(22, 2, 2, 1, '2014-03-12'),
(23, 2, 2, 1, '2014-03-12'),
(24, 2, 2, 1, '2014-03-12'),
(25, 2, 2, 1, '2014-03-12'),
(26, 2, 2, 1, '2014-03-12'),
(27, 2, 2, 1, '2014-03-12'),
(28, 2, 2, 1, '2014-03-12'),
(29, 2, 2, 1, '2014-03-12'),
(30, 2, 2, 1, '2014-03-13'),
(31, 2, 2, 1, '2014-03-13'),
(32, 2, 2, 1, '2014-03-13'),
(33, 2, 2, 1, '2014-03-13'),
(34, 2, 2, 1, '2014-03-13'),
(35, 2, 2, 1, '2014-03-13'),
(36, 2, 2, 1, '2014-03-13'),
(37, 2, 2, 1, '2014-03-13'),
(38, 2, 2, 1, '2014-03-13'),
(39, 2, 2, 1, '2014-03-13'),
(40, 2, 2, 1, '2014-03-13'),
(41, 2, 2, 1, '2014-03-13'),
(42, 2, 2, 1, '2014-03-13'),
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```
(43, 2, 2, 1, '2014-03-13'),
(44, 2, 2, 1, '2014-03-13'),
(45, 2, 2, 1, '2014-03-13'),
(46, 2, 2, 1, '2014-03-13'),
(47, 2, 2, 1, '2014-03-13'),
(48, 2, 2, 1, '2014-03-13'),
(49, 2, 2, 1, '2014-03-13'),
(50, 2, 2, 1, '2014-03-13'),
(51, 2, 2, 1, '2014-03-13'),
(52, 2, 2, 1, '2014-03-13'),
(53, 2, 2, 1, '2014-03-13'),
(54, 2, 2, 1, '2014-03-13'),
(55, 2, 2, 1, '2014-03-13'),
(56, 2, 2, 1, '2014-03-13'),
(57, 2, 2, 1, '2014-03-13'),
(58, 2, 2, 1, '2014-03-13'),
(59, 2, 2, 1, '2014-03-13'),
(60, 2, 2, 1, '2014-03-13'),
(61, 2, 2, 1, '2014-03-13'),
(62, 2, 2, 1, '2014-03-13'),
(63, 2, 2, 1, '2014-03-13'),
(64, NULL, 7, 1, '2014-03-13'),
(65, NULL, 8, 1, '2014-03-13'),
(66, NULL, 9, 1, '2014-03-13'),
(67, 4, 6, 1, '2014-03-13'),
(68, 2, 2, 1, '2014-03-14'),
(69, NULL, 10, 1, '2014-03-14'),
(70, 2, 2, 1, '2014-03-14'),
(71, 2, 2, 1, '2014-03-14'),
(72, 2, 2, 1, '2014-03-14'),
(73, 2, 2, 1, '2014-03-14'),
(74, 2, 2, 1, '2014-03-14');


-- ---------------------------------------------------------
--
-- Dumping data for table `product`
--

INSERT INTO `product` (`productid`, `title`, `productname`, `image`, `price`,
`productdescription`, `stockavailable`, `manufacturerid`, `categoryid`) VALUES
(1, 'Socks', 'ASICS kayano low-cut socks', 'images/accessories/menslocut.jpg', 10, 'Comfortable
for Men', 3, 5, 4),
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

(2, 'Socks', 'UNDERARMOUR Mens training sock', 'images/accessories/mensmultipack.jpg', 12, 'Keep your feet healthy and comfortable while you work out with these UNDER ARMOUR training socks fo', 7, 6, 4),

(3, 'Socks', 'ASICS Kayano Classic Low-Cut Socks', 'images/accessories/womenslocut.jpg', 13, 'anatomic fit, NanoGLIDE moisture and friction management, articulated arch support, horizontal lace', 4, 5, 4),

(4, 'Socks', 'Rebook Adult Rebel Fusion Trekker Quarter Socks', 'images/accessories/womenscrew3.jpg', 15, 'The Rebook Rebel Fusion Trekker quarter socks are built with a knit-in liner', 6, 3, 4),

(5, 'Socks', 'UNDER ARMOUR® youth no-show socks', 'images/accessories/kidsmultipack.jpg', 7, ' strategic cushioning pads to protect the high-impact areas of your child"s feet that suffer the mos', 8, 6, 4),

(6, 'Socks', 'NIKE girls socks', 'images/accessories/nikegirlssocks.jpg', 15, 'NIKE women"s lightweight no-show socks come in 6 great colors, so you can mix and match with workout', 9, 2, 4),

(7, 'mountainboots', 'ASICS womensmountainboots', 'images/actionsports/womensmountainboots.jpg', 15, 'women"s ski boots are good both in the lodge and on the slopes', 13, 2, 7),

(8, 'mountainboots', 'REEBOK mensmountainboots', 'images/actionsports/womensmountainboots.jpg', 17, 'for speed with Twinframe and 360-degree Custom Shell technologies for ultimate performance, comfort.', 13, 2, 7),

(9, 'mountainboots', 'NIKE kidsboots', 'images/actionsports/kidsboots.jpg', 12, 'Adidas youth Hot Rod 60 ski boots are designed to deliver outstanding comfort to the aspiring all-', 10, 3, 7),

(10, 'byke', 'TITAN TRAIL mountainbyke', 'images/actionsports/mountainbyke.jpg', 199, 'feel what it"s like to ride road-size wheels on a mountain bike. Tree roots, rocks.', 0, 3, 7),

(11, 'byke', 'KAWASAKI mountainbyke', 'images/actionsports/roadbyke.jpg', 199, 'the 29" wheels roll along any surface, dirt or asphalt', 0, 4, 7),

(12, 'Shoes', 'ASICS menshoes', 'images/shoes/menshoes.jpg', 89, 'ASIC GEL external Heel Clutching System and a Biomorphic Fit upper for incredible comfort and depe', 6, 5, 3),

(13, 'Shoes', 'NIKE mensshoes', 'images/shoes/mensshoes2.jpg', 99, 'NIKE Power Platform, the Lunar Ascend men"s golf shoes offer enhanced power and stability throughou', 5, 2, 3),

(14, 'Shoes', 'BROOKS kidsshoe', 'images/shoes/kidsshoe.jpg', 59, 'The Brooks Boy"s Suede Cosmic rental shoe is constructed of 100% brushed leather.', 7, 8, 3),

(15, 'Shoes', 'NIKE kidssshoe', 'images/shoes/kidsshoe2.jpg', 79, 'NIKE Future track stars will love the super-comfy fit and feel of the NIKE® boys" Free 5.0 running s', 7, 2, 3),

(16, 'Shoes', 'ASICS womensshoe', 'images/shoes/womensshoe.jpg', 99, 'Dive for every shot in the ASICS women"s GEL-1140 volleyball shoes.', 7, 5, 3),

(17, 'Shoes', 'UNDER ARMOUR womensshoe', 'images/shoes/womensshoe2.jpg', 99, 'Bask in the comfort of these Underarmour women"s Bailey Bow boots.', 7, 6, 3),

(18, 'Dumbells', 'Cap Barbell 10 lb Hexagon Solid Dumbbell Weight', 'images/fitness/dumbells.jpg', 15, 'This Cap Barbell 10-lb Hexagon solid dumbbell has a vinyl-dipped design and hexagonal shape.', 2, 9, 1),

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

(19, 'Dumbells', 'Bowflex 5lbs-52lbs SelectTech Dumbells', 'images/fitness/dumbells2.jpg', 350, 'The Bowflex SelectTech Dumbbells features a unique weight system that lets you adjust each dumbbel', 4, 9, 1),
(20, 'Treadmill', 'LifeSpan TR1200-DT7 Desktop Treadmill', 'images/fitness/lifespandesktoptreadmill.jpg', 1999, 'The TR1200-DT7 treadmill desk from LifeSpan is ideal for your office!', 5, 9, 1),
(21, 'Treadmill', 'Exerpeutic 2000 "Workfit" High Capacity Desk Station Treadmill', 'images/fitness/highcapacitydeskstationtreadmill.jpg', 849, 'combines both, letting you burn calories as you take care of business.', 3, 10, 1),
(22, 'Elliptical', 'FreeMotion 545 Elliptical', 'images/fitness/elliptical.jpg', 999, 'Featuring incline up to 20 degrees, the total-body toning ramp adjusts your incline.', 1, 10, 1),
(23, 'Elliptical', 'Exerpeutic 770 Heavy Duty 21" Pro Stride Magnetic Elliptical', 'images/fitness/elliptical2.jpg', 749, 'provides a virtually zero-impact workout with no stress on the hips, ankles and joints, plus dual-ac', 4, 9, 1),
(24, 'Clothes', 'adidas Men''s Adizero F50 Messi Track Top', 'images/clothes/Men/adidasmenlongsleeve2.jpg', 80, 'lightweight woven fabric with mesh panels on the back and underarms for superior ventilation', 8, 1, 2),
(25, 'Clothes', 'NIKE Men''s Element Reflective 1/2-Zip Running Top', 'images/clothes/Men/nikemenlongsleeves.jpg', 150, 'In chilly conditions, the NIKE men''s Element 1/2-zip running top keeps cold air from slowing you do', 3, 2, 2),
(26, 'Clothes', 'UNDER ARMOUR Men''s Charged Cotton Short-Sleeve T-Shirt', 'images/clothes/Men/UAmenshortsleeves.jpg', 20, 'The UNDER ARMOUR men''s Charged Cotton short-sleeve t-shirt.', 4, 7, 2),
(27, 'Clothes', 'adidas Men''s Clima Ultimate Short-Sleeve Training T-Shirt', 'images/clothes/Men/adidasmenshortsleeves2.jpg', 22, 'Built to take you through each phase of your workout, the adidas men''s CLIMA Ultimate short-sleeve', 4, 1, 2),
(28, 'Clothes', 'NIKE Men''s JDI Tank', 'images/clothes/Men/nikementank3.jpg', 28, 'Swear to never second guess your mad skills and throw on this NIKE men''s JDI Tank before breaking t', 5, 2, 2),
(29, 'Clothes', 'NIKE Men''s JDI Tank', 'images/clothes/Men/hurleymentank2.jpg', 20, 'Stamped with a pair of bold brand graphics, this HURLEY men''s One & Only Premium tank will grab you', 2, 9, 2),
(30, 'Clothes', 'COLUMBIA Men''s Watertight II Rain Jacket', 'images/clothes/Men/menrainjacket.jpg', 60, 'Wet weather doesn''t stand a chance against this COLUMBIA men''s WatertightII rain jacket.', 5, 10, 2),
(31, 'Clothes', 'NIKE Men''s KO Annihilator Hoodie', 'images/clothes/Men/Nikehoodie1.jpg', 42, 'When the weather cools, turn up the heat with this NIKE men''s KO Annihilator hoodie.', 5, 2, 2),
(32, 'Clothes', 'adidas Men''s Ultimate Fleece Pullover Hoodie', 'images/clothes/Men/Adidashoodie2.jpg', 40, 'Layer up with the adidas men''s Ultimate fleece pullover hoodie when there''s a chill in the air.', 7, 1, 2),

(33, 'Clothes', 'UNDER ARMOUR Men''s Armour Fleece Storm Big Logo Hoodie', 'images/clothes/Men/UAhoodie3.jpg', 55, 'The UNDER ARMOUR men''s Armour Fleece Big Logo hoodie is crafted with a Storm finish to repel water', 5, 6, 2),

(34, 'Clothes', 'THE NORTH FACE Men''s Canyonlands Insulated Softshell Jacket', 'images/clothes/Men/NFmenjacket1.jpg', 180, 'You''re not just outside as you dash from building to building, you work and play in the great outdoor', 6, 4, 2),

(35, 'Clothes', 'NIKE Men''s Speed Hybrid Thermore Jacket', 'images/clothes/Men/Nikemenjacket.jpg', 130, 'You''ll love the low-bulk design of this NIKE Speed Hybrid men''s jacket when you''re out.', 6, 2, 2),

(36, 'Clothes', 'COLUMBIA Men''s Grade Max Jacket', 'images/clothes/Men/Columbiamenjacket3.jpg', 99, 'Fortified with Omni-Wind Block and a heat-retaining Omni-Heat thermal reflective lining.', 6, 10, 2),

(37, 'Clothes', 'THE NORTH FACE Men''s TKA 100 Microvelour Glacier 1/4-Zip Fleece', 'images/clothes/Men/NFmenfleece1.jpg', 40, 'Cozy up with a classic! THE NORTH FACE men''s TKA 100 Glacier microvelour 1/4-zip fleece', 7, 4, 2),

(38, 'Clothes', 'COLUMBIA Men''s Fast Trek II Full-Zip Fleece Jacket', 'images/clothes/Men/Columbiamenfleece2.jpg', 50, 'The perfect companion for your everyday adventures, the COLUMBIA men''s Fast Trek II full-zip fleece.', 2, 10, 2),

(39, 'Clothes', 'Asics 56" x 80" PVC/Nylon Rain Poncho', 'images/clothes/Men/asicsmenrain1.jpg', 40, 'crafted with nylon laminated to vinyl for added protection from the elements. It features a visored ', 8, 6, 2),

(40, 'Clothes', 'COLUMBIA Men''s Glennaker Lake Rain Jacket', 'images/clothes/Men/Columbiamenrain2.jpg', 49, 'In changing weather conditions, grab the COLUMBIA men''s Glennaker Lake rain.', 8, 10, 2),

(41, 'Clothes', 'NIKE Men''s STK Lights Out II Baseball Pants', 'images/clothes/Men/nikemenpant1.jpg', 45, 'he NIKE men''s STK Lights Out II baseball pants pull sweat away from your skin.', 11, 2, 2),

(42, 'Clothes', 'UNDER ARMOUR Men''s Leadoff II Baseball Pants', 'images/clothes/Men/UAmenpant2.jpg', 40, 'Made from HeatGear fabric to keep you cool, dry and light, the UNDER ARMOUR men''s Leadoff.', 5, 6, 2),

(43, 'Clothes', 'NIKE Men''s Lights Out Baseball/Softball Pants', 'images/clothes/Men/nikemenpant2.jpg', 40, 'Perfect for game day, the NIKE men''s Lights Out baseball/softball pants.', 7, 2, 2),

(44, 'Clothes', 'NIKE Men''s LeBron Gravity Basketball Shorts', 'images/clothes/Men/Nikemenshort1.jpg', 45, 'Attack the blacktop with confidence in the NIKE men''s LeBron Gravity basketball shorts.', 8, 2, 2),

(46, 'Clothes', 'UNDER ARMOUR Men''s Big Timin" Basketball Shorts', 'images/clothes/Men/UAmenshort2.jpg', 30, 'Hit the court in the UNDER ARMOUR men''s Big Timin" basketball shorts.', 4, 6, 2),

(47, 'Clothes', 'NIKE Women''s Deep V-Neck Short-Sleeve T-Shirt', 'images/clothes/Women/Nwomenshortsleeve1.jpg', 19, 'Give your fellow gym-goers a little extra motivation with this NIKE womens sleeve.', 4, 2, 2),

(48, 'Clothes', 'adidas Women''s Ultimate V-Neck Short-Sleeve T-Shirt', 'images/clothes/Women/Awomenshortsleeve2.jpg', 17, 'Sure to become a staple in your workout wardrobe, the adidas women''s Ultimate v-neck t-shirt offers.', 5, 1, 2),
(49, 'Clothes', 'adidas Women''s Ultimate Long-Sleeve V-Neck T-Shirt', 'images/clothes/Women/Wlongsleeve1.jpg', 27, 'Think it''s impossible to look good in the middle of an intense workout? Try the adidas women''s.', 6, 1, 2),
(50, 'Clothes', 'NIKE Women''s Twist Styled Wrap', 'images/clothes/Women/wlongsleeve2.jpg', 72, 'Stand out before you even lace up your sneakers and go to work with NIKE s women''s Twist Styled.', 7, 2, 2),
(51, 'Clothes', 'adidas Women''s Stella McCartney Barricade 2 Tennis Tank', 'images/clothes/Women/adidaswtank1.jpg', 50, 'Give your game a big edge with the adidas women''s Stella McCartney Barricade 2 tennis tank.', 5, 1, 2),
(52, 'Clothes', 'NIKE Women''s Sculpt Printed Tank', 'images/clothes/Women/NikeWtank2.jpg', 18, 'This NIKE women''s Sculpt printed tank helps you go the distance with its moisture-wicking Dri-FIT', 6, 2, 2),
(53, 'Clothes', 'NIKE Women''s Bold Stripe Short-Sleeve Golf Polo', 'images/clothes/Women/NWshortsleeve1.jpg', 70, 'Play to your full potential in a NIKE women''s Bold Stripe short-sleeve golf polo.', 8, 1, 2),
(54, 'Clothes', 'COLUMBIA Women''s Freeze Degree Short-Sleeve Polo', 'images/clothes/Women/CWshortsleeve2.jpg', 50, 'Play to your full potential in a NIKE women''s Bold Stripe short-sleeve golf polo.', 8, 7, 2),
(55, 'Clothes', 'THE NORTH FACE Women''s Half Dome Hoodie', 'images/clothes/Women/NFWhoodie1.jpg', 45, 'Designed with athletic-inspired ribbing at the cuffs and hem, the women''s Half Dome hoodie.', 3, 4, 2),
(56, 'Clothes', 'UNDER ARMOUR Women''s Battle Hoodie', 'images/clothes/Women/UMWhoodie2.jpg', 40, 'Conquer your toughest workouts in the UNDER ARMOUR women''s Battle hoodie!', 6, 6, 2),
(57, 'Clothes', 'THE NORTH FACE Women''s Momentum Triclimate Jacket', 'images/clothes/Women/NFWrainjacket.jpg', 140, 'When it''s too warm for your winter jacket, layering is the way to go. THE NORTH FACE women''s Moment.', 3, 4, 2),
(58, 'Clothes', 'COLUMBIA Women''s Arcadia Rain Jacket', 'images/clothes/Women/CWrainjacket2.jpg', 75, 'Don''t let inclement weather slow you down during your next adventure. The COLUMBIA Arcadia women''s', 3, 7, 2),
(59, 'Clothes', 'THE NORTH FACE Women''s Aconcagua Jacket', 'images/clothes/Women/NFWjacket1.jpg', 160, 'The women''s Aconcagua jacket from THE NORTH FACE provides unbeatable warmth.', 5, 4, 2),
(60, 'Clothes', 'COLUMBIA Women''s Mercury Maven II Jacket', 'images/clothes/Women/CWjacket2.jpg', 100, 'Mother Nature is no match for the COLUMBIA women''s Mercury Maven II jacket.', 5, 7, 2),
(61, 'Clothes', 'HURLEY Women''s Bandit Beachrider Shorts', 'images/clothes/Women/HWshort1.jpg', 30, 'Stop the heat from stealing your energy with a pair of HURLEY women''s Bandit shorts.', 9, 9, 2),

(62, 'Clothes', 'THE NORTH FACE Women''s Reversible Trunks', 'images/clothes/Women/NFshort2.jpg', 30, 'Get two great looks in one with THE NORTH FACE women''s reversible trunks!', 9, 4, 2),
(63, 'Clothes', 'THE NORTH FACE Women''s Paramount Valley Convertible Pants', 'images/clothes/Women/NFWpant1.jpg', 60, 'THE NORTH FACE women''s Paramount Valley convertible pants are newly updated.', 5, 4, 2),
(64, 'Clothes', 'THE NORTH FACE Women''s Paramount Valley Convertible Pants', 'images/clothes/Women/ColumbiaWpant2.jpg', 40, 'The sweat-wicking COLUMBIA women''s Aruba convertible pants are designed to be comfortable.', 5, 7, 2),
(65, 'Clothes', 'NIKE Boys'' KO 2.0 Multisport Graphic Pullover Hoodie', 'images/clothes/kids/NBhoodie1.jpg', 32, 'The NIKE boys'' KO 2.0 Multisport graphic pullover hoodie wards off the chill.', 5, 2, 2),
(66, 'Clothes', 'UNDER ARMOUR Boys'' Alter Ego Spider-Man Allover Graphic T-Shirt', 'images/clothes/kids/UABgraphictee1.jpg', 40, 'His quest for invincibility starts with the UNDER ARMOUR boys'' Alter Ego allover graphic t-shirt.', 5, 6, 2),
(67, 'Clothes', 'COLUMBIA Boys'' Windy Explorer Jacket', 'images/clothes/kids/ColumbiaBrjacket1.jpg', 30, 'The COLUMBIA boys'' Windy Explorer jacket wraps him in water-repellent protection.', 5, 7, 2),
(68, 'Clothes', 'NIKE Girls'' Ultimate Protect Jacket', 'images/clothes/kids/NGirlsjacket1.jpg', 64, 'Sporty dudes will stay warm and dry in this NIKE boys'' Ultimate Protect jacket.', 5, 2, 2),
(69, 'Clothes', 'NIKE Girls'' Just Do It Paint Brush Short-Sleeve T-Shirt', 'images/clothes/kids/Ngirlstshirt1.jpg', 14, 'She can show off some so-cute, so-sporty style in this NIKE girls'' Just Do.', 5, 2, 2),
(70, 'Clothes', 'UNDER ARMOUR Girls'' Wordmark Graphic Short-Sleeve T-Shirt', 'images/clothes/kids/UAGthirt2.jpg', 16, 'Crafted with moisture-wicking Charged Cotton fabric, the UNDER ARMOUR girls'' wordmark graphic short.', 6, 6, 2),
(71, 'Clothes', 'THE NORTH FACE Toddler Girls'' Insulated Snowdrift Bib', 'images/clothes/kids/kidsg.jpg', 80, 'If your young ski diva is just learning the ropes, suit her up for success on the slopes.', 4, 4, 2),
(72, 'games', 'Butterfly Centrefold Rollaway 25', 'images/games/tt1.jpg', 1999, 'The Butterfly Centrefold Rollaway 25 table tennis table was the official table of the 2004 and 2005.', 4, 8, 6),
(73, 'games', 'Kettler Top Star XL Outdoor Table Tennis Table', 'images/games/tt2.jpg', 499, 'The absolutely weatherproof Kettler Top Star XL outdoor table tennis tables.', 4, 10, 6),
(74, 'games', 'Ping Pong Performance Four Player Table Tennis Set', 'images/games/ppbat1.jpg', 40, 'This four-player performance table tennis set from Ping Pong is designed for high-quality play.', 4, 10, 6),
(75, 'games', 'Ping Pong Performance Two Player Racket Set', 'images/games/ppbat2.jpg', 20, 'The Ping Pong two-player racket set features two rackets with concave handles and 5-ply blades.', 7, 10, 6),
(76, 'games', 'SKLZ Speedminton Super 16 Player Set', 'images/games/bt1.jpg', 339, 'Speedminton combines features of badminton, tennis and squash into a fun.', 9, 10, 6),

(77, 'games', 'Park & Sun Badminton Pro Set', 'images/games/bt2.jpg', 130, 'The Park & Sun Badminton Pro Set can be set up in your backyard.', 16, 10, 6),

(78, 'games', 'Mizerak Donovan II 8" Slatron Billiard Table', 'images/games/billiard1.jpg', 1099, 'Designed with cool, contemporary features, the Mizerak Donovan II 8" slatron billiard table.', 16, 10, 6),

(79, 'games', 'Mizerak Deluxe Billiard Balls', 'images/games/billiardballs.jpg', 60, 'The Mizerak Deluxe billiard ball set includes 15 pool balls and one cue ball.', 10, 8, 6),

(80, 'teamsports', 'NIKE Youth V-Touch Football', 'images/teamsports/Nfootball1.jpg', 60, 'With its refined shaping and soft-touch grip channels, this NIKE youth V-Touch football helps young', 8, 2, 5),

(81, 'teamsports', 'WILSON Official GST Leather Football', 'images/teamsports/Wilsonfootball2.jpg', 80, 'Practice playing with the WILSON Official GST leather football. WILSON replaced traditional laces.', 4, 2, 5),

(82, 'teamsports', 'Diamond Sports DLL Tournament Grade Little League Baseball by the Dozen', 'images/teamsports/baseball.jpg', 60, 'Diamond Sports DLL Tournament-Grade Little League baseballs are built for demanding situations, inc.', 5, 2, 5),

(83, 'teamsports', 'Trend Sports Heater Leather Pitching Machine Baseballs by the Dozen', 'images/teamsports/baseball2.jpg', 40, 'Recommended for the Heater Pitching Machines (sold separately), these Trend Sports Heater Leather B.', 10, 2, 5),

(84, 'teamsports', 'NIKE Strike Soccer Ball', 'images/teamsports/Nsoccerball1.jpg', 30, 'Dribble through a crowd and execute quick moves with confidence knowing this NIKE Strike soccer ball.', 9, 2, 5),

(85, 'teamsports', 'adidas F50 Messi Soccer Ball', 'images/teamsports/adidassoccerball2.jpg', 25, 'Inspired by superstar Lionel Messi, the adidas F50 Messi soccer ball bring performance.', 9, 1, 5),

(86, 'teamsports', 'EASTON Stealth 85S II Senior Ice Hockey Stick', 'images/teamsports/hockey1.jpg', 200, 'Rock the rink with this high-performance EASTON Stealth 85S II senior ice hockey stick!', 9, 10, 5),

(87, 'teamsports', 'EASTON Stealth 85S II Senior Ice Hockey Stick', 'images/teamsports/hockey2.jpg', 65, 'Rock the rink with this high-performance EASTON Stealth 85S II senior ice hockey stick!', 9, 6, 5),

(88, 'teamsports', 'EASTON Stealth 65S Senior Ice Hockey Skates', 'images/teamsports/skate1.jpg', 200, 'These EASTON Stealth 65S senior ice hockey skates boast thermoformable.', 10, 6, 5),

(89, 'teamsports', 'Tour TR-700 Ice Hockey Skate', 'images/teamsports/skate2.jpg', 51, 'The Tour TR-700 ice hockey skate is crafted with reinforced quarter panels, a brushed tricot lining.', 11, 6, 5),

(90, 'teamsports', 'Gray-Nicolls Plastic Cricket Set', 'images/teamsports/cricket1.jpg', 80, 'Ideal for kids and recreational play, the Gray-Nicolls Lazer cricket set includes 2 plastic cricket.', 9, 6, 5),

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

(91, 'teamsports', 'Slazenger Hyper Blade Xtreme Cricket Bat', 'images/teamsports/cricket2.jpg', 375, 'The Slazenger Hyper Blade Xtreme cricket bat is traditionally crafted and pressed to deliver optimum.', 5, 6, 5),
(92, 'accessories', 'THE NORTH FACE USA Base Camp Crimp Backpack', 'images/accessories/NFbag1.jpg', 99, 'THE NORTH FACE USA Base Camp Crimp backpack hauls your gear in your country''s colors for a dose.', 5, 2, 4),
(93, 'accessories', 'UNDER ARMOUR Parralux Storm Backpack', 'images/accessories/UAbackpack2.jpg', 120, 'Designed for the long haul, UNDER ARMOUR''s Parralux Storm backpack is loaded with all the features.', 7, 6, 4),
(94, 'accessories', 'adidas Climacool Strength III Pack', 'images/accessories/adidasbackpack3.jpg', 70, 'If you hit the gym after a long day at the office, you''ll love the comfort and convenience.', 8, 1, 4),
(95, 'accessories', 'NIKE Brasilia 6 Duffel Bag - Medium', 'images/accessories/nikegymbag1.jpg', 30, 'Head off to the gym or team practice with the NIKE Brasilia 6 medium duffel bag.', 10, 2, 4),
(96, 'accessories', 'UNDER ARMOUR Camden Duffel - Medium', 'images/accessories/UAgymbag2.jpg', 70, 'Confidently secure every necessity when you''re on the move with the UNDER ARMOUR Camden medium duff.', 6, 6, 4),
(97, 'accessories', 'adidas Alliance Sport Sack Pack', 'images/accessories/adidascamopack1.jpg', 16, 'The Alliance Sport sack pack from adidas features a large main compartment with a drawstring closure.', 10, 1, 4),
(98, 'accessories', 'THE NORTH FACE Sack Pack', 'images/accessories/NFcamopack2.jpg', 20, 'Keep the day''s essentials conveniently close with this THE NORTH FACE sack pack!', 9, 4, 4),
(99, 'accessories', 'adidas Weekend Warrior Cap', 'images/accessories/acap1.jpg', 18, 'The adidas Weekend Warrior cap is built tough to go wherever you go during your off-the-clock.', 9, 1, 4),
(100, 'accessories', 'COLUMBIA Kids'' Bora Bora Jr. II Booney Hat', 'images/accessories/ccap2.jpg', 30, 'The COLUMBIA Bora Bora Jr. II booney hat is the perfect way for kids to stay protected from the sunlight.', 9, 7, 4),
(101, 'accessories', 'THE NORTH FACE USA Mountain Scarf', 'images/accessories/scarf1.jpg', 40, 'THE NORTH FACE USA Mountain scarf tops off your winter wardrobe in your country''s colors.', 10, 4, 4);

--
-- Dumping data for table `user`
--

INSERT INTO `user` (`userid`, `email`, `password`, `firstname`, `lastname`, `isadmin`, `phone`) VALUES
(1, 'silpa@sportsera.com', 'hello', 'Silpa', 'Nandipati', 1, 2147483647),
(2, 'goutham@sportsera.com', 'test', 'Goutham', 'Damalcheruvu', 0, 2147483647),
(3, 'srinu@sportsera.com', 'test', 'Srinu', 'Nandipati', 0, 2147483647),
(4, 'lakshmi@yahoo.com', 'test', 'Lakshmi', 'Bommareddy', 0, 2147483647);

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```
--
-- Dumping data for table `user_address`
--

INSERT INTO `user_address` (`userid`, `addressid`) VALUES
(1, 1),
(2, 2),
(3, 3),
(4, 6);
```

Queries to create Indexes and Constraints

```
--
-- Constraints for dumped tables
--


--
-- Constraints for table `comments`
--
ALTER TABLE `comments`
  ADD CONSTRAINT `comments_ibfk_1` FOREIGN KEY (`userid`) REFERENCES `user`
(`userid`),
  ADD CONSTRAINT `comments_ibfk_2` FOREIGN KEY (`productid`) REFERENCES
`product` (`productid`);


--
-- Constraints for table `lowinventory`
--
ALTER TABLE `lowinventory`
  ADD CONSTRAINT `lowinventory_ibfk_1` FOREIGN KEY (`productid`) REFERENCES
`product` (`productid`);


--
-- Constraints for table `onlineorderitems`
--
ALTER TABLE `onlineorderitems`
  ADD CONSTRAINT `onlineorderitems_ibfk_1` FOREIGN KEY (`orderid`) REFERENCES
`onlineorders` (`orderid`),
  ADD CONSTRAINT `onlineorderitems_ibfk_2` FOREIGN KEY (`productid`) REFERENCES
`product` (`productid`);


--
```

-- Constraints for table `product`
--
ALTER TABLE `product`
  ADD CONSTRAINT `product_ibfk_1` FOREIGN KEY (`categoryid`) REFERENCES `category` (`categoryid`),
  ADD CONSTRAINT `product_ibfk_2` FOREIGN KEY (`manufacturerid`) REFERENCES `manufacturer` (`manufacturerid`);

TRIGGERS AND TRANSACTIONS

```
--
-- Triggers `product`
--
DROP TRIGGER IF EXISTS `lowinvent`;
DELIMITER //
CREATE TRIGGER `lowinvent` AFTER UPDATE ON `product`
 FOR EACH ROW BEGIN
            IF  NEW.stockavailable <  5 THEN
                    INSERT IGNORE INTO lowinventory (productid) values (NEW.productid);
            END IF;
END
//
DELIMITER ;


-- -------------------------------------------------------

DELIMITER $$
--
-- Procedures
--
CREATE DEFINER=`root`@`localhost` PROCEDURE `signup`(
      IN pemail  varchar(200),
      IN password varchar(15),
      IN pfirstname varchar(15),
      IN plastname varchar(15),
      IN pstreet varchar(50),
      IN pcity varchar(50),
      IN pstate varchar(50),
      IN pzipcode INT(11),
      IN pphone INT(10),
      OUT result int
)
```

```
BEGIN

        DECLARE aid int default 0;
        DECLARE uid int default 0;
        DECLARE EXIT HANDLER FOR SQLEXCEPTION ROLLBACK;

    START TRANSACTION;
        SET result = 0;
                insert into
                        address (addressline1, city, state, zipcode)
                        values (pstreet, pcity,pstate, pzipcode);

                set aid = last_insert_id();

                if aid <> 0 then
                        insert into
                                user  (email, password, firstname,lastname,phone)
                                values (pemail, ppassword, pfirstname, plastname, pphone);

                        set uid = last_insert_id();

                        if uid <> 0 then

                        insert ignore into
                                user_address ( userid, addressid)
                                values ( uid, aid);

                        end if;


                end if;
                SET result = 1;

    COMMIT;
END$$

DELIMITER ;

-- ----------------------------------------------------------
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

3.Querying the database: Queries implemented using PHP

//Search query to search the products based on name, description, category, and manufacturer.

Accessories
("select p.productid, p.productname, p.image, p.price, p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable
from product as p, category as c, manufacturer as m
where (p.productname like '%$term%' or p.productdescription like'%$term%' or c.categorytype like '%$term%' or m.manufacturername like '%$term%') and p.productid = p.productid and p.categoryid = 4 and p.categoryid = c.categoryid and p.manufacturerid = m.manufacturerid order by p.productid");

//Search query to search the products based on name,description,category, and manufacturer.

Actionsports
("select p.productid, p.productname, p.image, p.price, p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable
from product as p, category as c, manufacturer as m
where (p.productname like '%$term%' or p.productdescription like'%$term%' or c.categorytype like '%$term%' or m.manufacturername like '%$term%') and p.productid = p.productid and p.categoryid = 7 and p.categoryid = c.categoryid and p.manufacturerid = m.manufacturerid order by p.productid");

Adminhome
//selects the details to display Lowstock products in the inventory for the admin
"select l.productid, p.stockavailable, p.title
from lowinventory as l, product as p
where p.productid = l.productid order by stockavailable";

//selects the details to display Currently ordered books to the admin.
"select o.orderid, o.userid, CONCAT(a.addressline1,' ', a.addressline2,' ', a.city,' ', a.state,' ', a.zipcode)
as address , o.orderstatus , o.ordereddate
from onlineorders as o , address as a
where o.addressid = a.addressid order by o.ordereddate desc";

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

Clothes
//Search query to search the products based on name,description,category, and manufacturer.
("select p.productid, p.productname, p.image, p.price, p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable
 from product as p, category as c, manufacturer as m
 where (p.productname like '%$term%' or p.productdescription like'%$term%' or c.categorytype like '%$term%' or m.manufacturername like '%$term%') and p.productid = p.productid and p.categoryid = 2 and p.categoryid = c.categoryid and p.manufacturerid = m.manufacturerid order by p.productid");

// Query to check if user is loggedin isUserLoggedin()
"select u.addressid , a.addressline1 , a.addressline2, a.city , a.state, a.zipcode
from user_address as u , address as a
where u.addressid = a.addressid and u.userid = ".getLoggedInUserId();

Fitness
//Search query to search the products based on name,description,category, and manufacturer.
 ("select p.productid, p.productname, p.image, p.price, p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable
 from product as p, category as c, manufacturer as m
 where (p.productname like '%$term%' or p.productdescription like'%$term%' or c.categorytype like '%$term%' or m.manufacturername like '%$term%') and p.productid = p.productid and p.categoryid = 1 and p.categoryid = c.categoryid and p.manufacturerid = m.manufacturerid order by p.productid");

Games
//Search query to search the products based on name,description,category, and manufacturer.
 ("select p.productid, p.productname, p.image, p.price, p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable
 from product as p, category as c, manufacturer as m
 where (p.productname like '%$term%' or p.productdescription like'%$term%' or c.categorytype like '%$term%' or m.manufacturername like '%$term%') and p.productid = p.productid and p.categoryid = 6 and p.categoryid = c.categoryid and p.manufacturerid = m.manufacturerid order by p.productid");

Login
"select userid, email,password, isadmin
from user
where email = '{$email}'";

27

PlaceOrder
"insert into address (addressline1, addressline2, city, state, zipcode) values ('{$_POST['addressline1']}','{$_POST['addressline2']}', '{$_POST['city']}' , '{$_POST['state']}', {$_POST['zipcode']})";

OrderID generation
"insert into onlineorders (userid, addressid, ordereddate) values ($userid,$addressid, CURRENT_DATE())";

//inserts values into onlineorder table when a customer makes an order.
"insert into onlineorderitems (orderid, productid, price, quantity) values ($orderid, $productid, (select price * $multiplefactor from product where productid = $productid) , $quantity)";

Product
//Allows user to post reviews for the product.
if (isset($_POST) && isset($_POST['productid']) && isset($_POST['review']) && isUserLoggedin()) {
" insert into comments (userid, productid, comment) values (".getLoggedInUserId().", {$_POST['productid']}, '{$_POST['review']}') on duplicate key update comment='{$_POST['review']}'";

//Searches and displays each product which was searched from the UI
("select p.productid, p.productname, p.image, p.price, p.productdescription , m.manufacturername , m.URL, c.categorytype
from product as p, manufacturer as m , category as c
where p.manufacturerid = m.manufacturerid and p.categorytype = c.categorytype and p.productid = {$_GET['productid']}");

("select c.commentid, c.comment , u.firstname, u.lastname from comments as c , user as u where c.userid = u.userid and c.productid = {$product['productid']}");

Search
//Search query to search the products based on name,description,category, and manufacturer.
 ("select p.productid, p.productname, p.image, p.price, p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable
 from product as p, category as c, manufacturer as m
 where (p.productname like '%$term%' or p.productdescription like '%$term%' or c.categorytype like '%$term%' or m.manufacturername like '%$term%') and p.productid = p.productid and p.categoryid = c.categoryid and p.manufacturerid = m.manufacturerid order by p.productid");

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

Shoes
//Search query to search the products based on name,description,category, and manufacturer.
("select p.productid, p.productname, p.image, p.price, p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable
 from product as p, category as c, manufacturer as m
 where (p.productname like '%$term%' or p.productdescription like'%$term%' or c.categorytype like '%$term%' or m.manufacturername like '%$term%') and p.productid = p.productid and p.categoryid = 3 and p.categoryid = c.categoryid and p.manufacturerid = m.manufacturerid order by p.productid");

Signup
//selects email and compares with the email enetered while logging in.
$query = "SELECT * FROM user WHERE email='$email' ";

Transaction
("INSERT INTO address (addressline1, city, state, zipcode) values ('{$street}', '{$city}','{$state}',$zipcode)");
("INSERT INTO user (email, password, firstname,lastname, phone) VALUES ('$email', '$password','$firstname','$lastname',$phone)");
$sql = "INSERT INTO user_address (userid, addressid) values ($userid , $addressid)";

Teamsports
//Search query to search the products based on name,description,category, and manufacturer.
 ("select p.productid, p.productname, p.image, p.price, p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable
 from product as p, category as c, manufacturer as m
 where (p.productname like '%$term%' or p.productdescription like'%$term%' or c.categorytype like '%$term%' or m.manufacturername like '%$term%') and p.productid = p.productid and p.categoryid = 5 and p.categoryid = c.categoryid and p.manufacturerid = m.manufacturerid order by p.productid");

7. Implementation

1. Code to connect to database

```php
<?php
//Establishes database connection
$con = mysql_connect("localhost","root","root");
if (!$con)
  {
```

```php
die('Could not connect: ' . mysql_error());
 }


mysql_select_db("sportsera_database", $con);



?>
```

2. **Code to execute your Queries**
3. **Code to display the queries on the browser, computerscreen Aboutus.php**

```php
<?php
require_once 'lib.php';
require_once 'header.php';
?>
 <div id="PageSection">
    <!-- Contact information-->
            <h3> Contact us : </h3>
            <p> Email us @ : silpa.nandipati1@gmail.com </p>
                        <p> Phone : 408-431-2302 </p>
                        <p> Street: Sunnyvale</p>
                        <p> City : SantaClara </p>
                        <p> ZipCode : 94086 </p>
                        <br></br>
                        <p>
                        <!-- little description about the Sportsera online
store.-->
                        About us : Sportsera is a major online Sports store
selling variety of Sport items.
                        We sell various categories of  Fitness, Clothes,
Shoes, Accessories, Teamsports, Games and Outdoors sport items.
            Please signup and save 5% Now. The league. Get 5% back.
                        </p>
 </div>
<?php
require_once 'footer.php';
```

Accessories.php

```php
<?php
require_once 'lib.php';
require_once 'header.php';
?>
<div id="PageSection">
<br></br>
<div id="accessories">
<!--
<form action="Search.php" method="post">
Search: <input type="text" id="term" name="term" />
<input type="submit" name="submit" value="Submit" />
-->
<form>
</form>
<br></br>
</div>
<?php

$term = isset($_POST['term'])?$_POST['term']:null;
 //Search query to search the products based on name,description,category, and
manufacturer.
 $sql = mysql_query("select p.productid, p.productname, p.image, p.price,
p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable
 from product as p, category as c, manufacturer as m
 where (p.productname like '%$term%' or p.productdescription like'%$term%' or
c.categorytype like '%$term%' or m.manufacturername like '%$term%') and
p.productid = p.productid and p.categoryid = 4 and p.categoryid = c.categoryid and
p.manufacturerid = m.manufacturerid order by p.productid");

 echo mysql_error();
 echo '<form method="post" action="placeorder.php">';
 while ($row = mysql_fetch_array($sql)){
```

31

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```php
            //Displays the name, productid, stockavailable.
        echo '<div class="individualproduct">';
        echo "<a href=\"product.php?productid={$row['productid']}\">";
            echo "<img class=\"productimage\" src=\"{$row['image']} \" >";
            echo "<div>Product: {$row['productname']}</div>";
            echo "<div>Description: {$row['productdescription']}</div>";
            echo "<div>Price: \${$row['price']}</div>";
            echo "<div>Quantity In Stock: {$row['stockavailable']}</div>";
            echo '</a>';
            echo 'Quantity for order: <input type="number" name="'.$row['productid'].'"
min="0" max="'.$row['stockavailable'].'">';
            echo '</div>';
            echo '<br></br>';
        echo '<br></br>';
    }
    $address = array('addressid'=>'', 'addressline1'=>'', 'addressline2' => '', 'city' => '',
    'state' => '', 'zipcode' => '');
    if (isUserLoggedin()) {
        $sql = "select u.addressid , a.addressline1 , a.addressline2, a.city , a.state,
    a.zipcode from user_address as u , address as a  where u.addressid = a.addressid and
    u.userid = ".getLoggedInUserId();
        $result = mysql_query($sql);
        $address = mysql_fetch_assoc($result);
        }
     //gets and displays all the address details of the logged in user else asks for
    nonmember to enter details
    echo '<br></br>';
    echo '<div>';
    echo '<h3>Shipping address </h3>';
    echo '<p><input type="hidden" name="addressid" value="'.$address['addressid'].'"
    ></p>';
    echo '<p>Address line 1  <input type="text" name="addressline1"
    value="'.$address['addressline1'].'" ></p>';
    echo '<p>Address line 2<input type="text" name="addressline2"
    value="'.$address['addressline2'].'" ></p>';
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```php
echo '<p>City
             <input type="text" name="city" value="'.$address['city'].'"
></p>';
echo '<p>State
            <input type="text" name="state" value="'.$address['state'].'" ></p>';
echo '<p>Zipcode
          <input
type="text" name="zipcode" value="'.$address['zipcode'].'"></p>';
echo '<p>Credit card #   <input type="text" name="creditcard"
value=" "></p>';
echo '</div>';

echo '<button id="placeorder" type="submit" class="button" >Place order
</button>';
echo '</form>';
echo '<br></br>';

?>
</div>


<?php require_once 'footer.php';?>
```

Actionsports.php
```php
<?php
require_once 'lib.php';
require_once 'header.php';
?>
<div id="PageSection">
<br></br>
<div id="actionsports">
<!--
<form action="Search.php" method="post">
Search: <input type="text" id="term" name="term" />
```

```php
<input type="submit" name="submit" value="Submit" />
-->
<form>
</form>
<br></br>
</div>
<?php

$term = isset($_POST['term'])?$_POST['term']:null;
 //Search query to search the products based on name,description,category, and
manufacturer.
 $sql = mysql_query("select p.productid, p.productname, p.image, p.price,
p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable
 from product as p, category as c, manufacturer as m
 where (p.productname like '%$term%' or p.productdescription like'%$term%' or
c.categorytype like '%$term%' or m.manufacturername like '%$term%') and
p.productid = p.productid and p.categoryid = 7 and p.categoryid = c.categoryid and
p.manufacturerid = m.manufacturerid order by p.productid");

echo mysql_error();
 echo '<form method="post" action="placeorder.php">';
  while ($row = mysql_fetch_array($sql)){

        //Displays the name, productid, stockavailable.
    echo '<div class="individualproduct">';
    echo "<a href=\"product.php?productid={$row['productid']}\">";
        echo "<img class=\"productimage\" src=\"{$row['image']} \" >";
        echo "<div>Product: {$row['productname']}</div>";
        echo "<div>Description: {$row['productdescription']}</div>";
        echo "<div>Price: \${$row['price']}</div>";
        echo "<div>Quantity In Stock: {$row['stockavailable']}</div>";
        echo '</a>';
        echo 'Quantity for order: <input type="number" name="'.$row['productid'].'"
min="0" max="'.$row['stockavailable'].'">';
        echo '</div>';
        echo '<br></br>';
```

```php
        echo '<br></br>';
}
$address = array('addressid'=>'', 'addressline1'=>'', 'addressline2' => '', 'city' => '',
'state' => '', 'zipcode' => '');
if (isUserLoggedin()) {
        $sql = "select u.addressid , a.addressline1 , a.addressline2, a.city , a.state,
a.zipcode from user_address as u , address as a  where u.addressid = a.addressid and
u.userid = ".getLoggedInUserId();
        $result = mysql_query($sql);
        $address = mysql_fetch_assoc($result);
        }
 //gets and displays all the address details of the logged in user else asks for
nonmember to enter details
echo '<br></br>';
echo '<div>';
echo '<h3>Shipping address </h3>';
echo '<p><input type="hidden" name="addressid" value="'.$address['addressid'].'"
></p>';
echo '<p>Address line 1  <input type="text" name="addressline1"
value="'.$address['addressline1'].'" ></p>';
echo '<p>Address line 2<input type="text" name="addressline2"
value="'.$address['addressline2'].'" ></p>';
echo '<p>City
           &n
bsp;  <input type="text" name="city" value="'.$address['city'].'"
></p>';
echo '<p>State
           &n
bsp; <input type="text" name="state" value="'.$address['state'].'" ></p>';
echo '<p>Zipcode
          <input
type="text" name="zipcode" value="'.$address['zipcode'].'"></p>';
echo '<p>Credit card #   <input type="text" name="creditcard"
value=" "></p>';
echo '</div>';
```

```php
echo '<button id="placeorder" type="submit" class="button" >Place order
</button>';
echo '</form>';
echo '<br></br>';

?>
</div>


<?php require_once 'footer.php';?>
```

Adminhome.php

```php
<?php
require_once 'lib.php';
if (!isUserLoggedin() || !isAdmin()) {
        header ('Location: index.php') ;
        return;
}

//selects the details to display Lowstock products in the inventory for the admin
$sql = "select l.productid, p.stockavailable, p.title from lowinventory as l, product
as p
where p.productid = l.productid  order by stockavailable";

$lowinvent = array();
$result = mysql_query($sql);
if ($result) {
        while($row = mysql_fetch_assoc($result)){
                $lowinvent[] = $row;
        }
}

$currentorders = array();
//selects the details to display Currently ordered books to the admin.
$sql = "select o.orderid, o.userid, CONCAT(a.addressline1,' ', a.addressline2,' ',
a.city,' ', a.state,' ', a.zipcode)
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```php
as address , o.orderstatus , o.ordereddate from onlineorders as o , address as a where
o.addressid = a.addressid order by o.ordereddate desc";
$result = mysql_query($sql);
if ($result) {
        while($row = mysql_fetch_assoc($result)){
                $currentorders[] = $row;
        }
}
require_once 'header.php';
?>
<!--Welcome message for admin in admin home page-->
<div id="PageSection">
<h4 align="center"> Welcome Admin! </h4>
<h3 align="center"> You can see the low Stock details and Current orders below!
</h3>
<h2 align="left">Low inventory products</h2>
<table border="1">
<tr>
<td>ProductId</td>
<td>Product Title</td>
<td>Quantity Available</td>
</tr>
<?php
//Displays the low stock available for products and the product.
foreach ($lowinvent as $product) {
        echo "<tr><td>{$product['productid']}</td>
        <td>{$product['title']}</td>
        <td>{$product['stockavailable']}</td></tr>";
}
?>
</table>

<h2 align="left">Current orders.</h2>
<table border="1">
<tr>
<td>Order id</td>
```

```
<td>User id</td>
<td>Address</td>
<td>Status</td>
<td>Ordered Date</td>
</tr>
<?php
//Dispalys the ordereed details in the table form.
foreach ($currentorders as $order) {
        echo "<tr><td>{$order['orderid']}</td>
        <td>{$order['userid']}</td>
        <td>{$order['address']}</td>
        <td>{$order['orderstatus']}</td>
        <td>{$order['ordereddate']}</td></tr>";
}
?>
</table>

<br></br>
</div>
<?php
require_once 'footer.php';
```

Clothes.php
```
<?php
require_once 'lib.php';
require_once 'header.php';
?>
<div id="PageSection">
<br></br>
<div id="shoes">
<!--
<form action="Search.php" method="post">
Search: <input type="text" id="term" name="term" />
<input type="submit" name="submit" value="Submit" />
-->
<form>
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```php
</form>
<br></br>
</div>
<?php

$term = isset($_POST['term'])?$_POST['term']:null;
 //Search query to search the products based on name,description,category, and
manufacturer.
 $sql = mysql_query("select p.productid, p.productname, p.image, p.price,
p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable
 from product as p, category as c, manufacturer as m
 where (p.productname like '%$term%' or p.productdescription like'%$term%' or
c.categorytype like '%$term%' or m.manufacturername like '%$term%') and
p.productid = p.productid and p.categoryid = 2 and p.categoryid = c.categoryid and
p.manufacturerid = m.manufacturerid order by p.productid");

 echo mysql_error();
 echo '<form method="post" action="placeorder.php">';
 while ($row = mysql_fetch_array($sql)){

        //Displays the name, productid, stockavailable.
    echo '<div class="individualproduct">';
    echo "<a href=\"product.php?productid={$row['productid']}\">";
        echo "<img class=\"productimage\" src=\"{$row['image']} \" >";
        echo "<div>Product: {$row['productname']}</div>";
        echo "<div>Description: {$row['productdescription']}</div>";
        echo "<div>Price: \${$row['price']}</div>";
        echo "<div>Quantity In Stock: {$row['stockavailable']}</div>";
        echo '</a>';
        echo 'Quantity for order: <input type="number" name="'.$row['productid'].'"
min="0" max="'.$row['stockavailable'].'">';
        echo '</div>';
        echo '<br></br>';
    echo '<br></br>';
}
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```php
$address = array('addressid'=>'', 'addressline1'=>'', 'addressline2' => '', 'city' => '',
'state' => '', 'zipcode' => '');
if (isUserLoggedin()) {
      $sql = "select u.addressid , a.addressline1 , a.addressline2, a.city , a.state,
a.zipcode from user_address as u , address as a  where u.addressid = a.addressid and
u.userid = ".getLoggedInUserId();
      $result = mysql_query($sql);
      $address = mysql_fetch_assoc($result);
      }
 //gets and displays all the address details of the logged in user else asks for
nonmember to enter details
echo '<br></br>';
echo '<div>';
echo '<h3>Shipping address </h3>';
echo '<p><input type="hidden" name="addressid" value="'.$address['addressid'].'"
></p>';
echo '<p>Address line 1  <input type="text" name="addressline1"
value="'.$address['addressline1'].'" ></p>';
echo '<p>Address line 2<input type="text" name="addressline2"
value="'.$address['addressline2'].'" ></p>';
echo '<p>City
              <input type="text" name="city" value="'.$address['city'].'"
></p>';
echo '<p>State
             <input type="text" name="state" value="'.$address['state'].'" ></p>';
echo '<p>Zipcode
          <input
type="text" name="zipcode" value="'.$address['zipcode'].'"></p>';
echo '<p>Credit card #   <input type="text" name="creditcard"
value=" "></p>';
echo '</div>';

echo '<button id="placeorder" type="submit" class="button" >Place order
</button>';
```

```php
echo '</form>';
echo '<br></br>';


?>
</div>
```

```php
<?php require_once 'footer.php';?>
```

Fitness.php

```php
<?php
require_once 'lib.php';
require_once 'header.php';
?>
<div id="PageSection">
<br></br>
<div id="fitness">
<!--
<form action="Search.php" method="post">
Search: <input type="text" id="term" name="term" />
<input type="submit" name="submit" value="Submit" />
-->
<form>
</form>
<br></br>
</div>
<?php

$term = isset($_POST['term'])?$_POST['term']:null;
 //Search query to search the products based on name,description,category, and
manufacturer.
 $sql = mysql_query("select p.productid, p.productname, p.image, p.price,
p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable
 from product as p, category as c, manufacturer as m
 where (p.productname like '%$term%' or p.productdescription like'%$term%' or
c.categorytype like '%$term%' or m.manufacturername like '%$term%') and
```

```php
p.productid = p.productid and p.categoryid = 1 and p.categoryid = c.categoryid and
p.manufacturerid = m.manufacturerid order by p.productid");


 echo mysql_error();
 echo '<form method="post" action="placeorder.php">';
 while ($row = mysql_fetch_array($sql)){


       //Displays the name, productid, stockavailable.
    echo '<div class="individualproduct">';
    echo "<a href=\"product.php?productid={$row['productid']}\">";
       echo "<img class=\"productimage\" src=\"{$row['image']} \" >";
       echo "<div>Product: {$row['productname']}</div>";
       echo "<div>Description: {$row['productdescription']}</div>";
       echo "<div>Price: \${$row['price']}</div>";
       echo "<div>Quantity In Stock: {$row['stockavailable']}</div>";
       echo '</a>';
       echo 'Quantity for order: <input type="number" name="'.$row['productid'].'"
min="0" max="'.$row['stockavailable'].'">';
       echo '</div>';
       echo '<br></br>';
    echo '<br></br>';
 }
 $address = array('addressid'=>'', 'addressline1'=>'', 'addressline2' => '', 'city' => '',
 'state' => '', 'zipcode' => '');
 if (isUserLoggedin()) {
       $sql = "select u.addressid , a.addressline1 , a.addressline2, a.city , a.state,
a.zipcode from user_address as u , address as a  where u.addressid = a.addressid and
u.userid = ".getLoggedInUserId();
       $result = mysql_query($sql);
       $address = mysql_fetch_assoc($result);
       }
 //gets and displays all the address details of the logged in user else asks for
nonmember to enter details
echo '<br></br>';
echo '<div>';
echo '<h3>Shipping address </h3>';
```

```php
echo '<p><input type="hidden" name="addressid" value="'.$address['addressid'].'"
></p>';
echo '<p>Address line 1  <input type="text" name="addressline1"
value="'.$address['addressline1'].'" ></p>';
echo '<p>Address line 2<input type="text" name="addressline2"
value="'.$address['addressline2'].'" ></p>';
echo '<p>City
           &n
bsp;  <input type="text" name="city" value="'.$address['city'].'"
></p>';
echo '<p>State
           &n
bsp; <input type="text" name="state" value="'.$address['state'].'" ></p>';
echo '<p>Zipcode
          <input
type="text" name="zipcode" value="'.$address['zipcode'].'"></p>';
echo '<p>Credit card #   <input type="text" name="creditcard"
value=" "></p>';
echo '</div>';

echo '<button id="placeorder" type="submit" class="button" >Place order
</button>';
echo '</form>';
echo '<br></br>';

?>
</div>


<?php require_once 'footer.php';?>
```

Footer.php

```php
        </div>
        <!--Footer details-->
        <div id="Footer">
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```
          </div>
        </div>
      </body>
      </html>
```

Games.php

```php
<?php
require_once 'lib.php';
require_once 'header.php';
?>
<div id="PageSection">
<br></br>
<div id="shoes">
<!--
<form action="Search.php" method="post">
Search: <input type="text" id="term" name="term" />
<input type="submit" name="submit" value="Submit" />
-->
<form>
</form>
<br></br>
</div>
<?php

$term = isset($_POST['term'])?$_POST['term']:null;
 //Search query to search the products based on name,description,category, and manufacturer.
 $sql = mysql_query("select p.productid, p.productname, p.image, p.price,
p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable
 from product as p, category as c, manufacturer as m
 where (p.productname like '%$term%' or p.productdescription like'%$term%' or
c.categorytype like '%$term%' or m.manufacturername like '%$term%') and
p.productid = p.productid and p.categoryid = 6 and p.categoryid = c.categoryid and
p.manufacturerid = m.manufacturerid order by p.productid");
```

44

```php
echo mysql_error();
echo '<form method="post" action="placeorder.php">';
while ($row = mysql_fetch_array($sql)){

        //Displays the name, productid, stockavailable.
    echo '<div class="individualproduct">';
    echo "<a href=\"product.php?productid={$row['productid']}\">";
        echo "<img class=\"productimage\" src=\"{$row['image']} \" >";
        echo "<div>Product: {$row['productname']}</div>";
        echo "<div>Description: {$row['productdescription']}</div>";
        echo "<div>Price: \${$row['price']}</div>";
        echo "<div>Quantity In Stock: {$row['stockavailable']}</div>";
        echo '</a>';
        echo 'Quantity for order: <input type="number" name="'.$row['productid'].'"
min="0" max="'.$row['stockavailable'].'">';
        echo '</div>';
        echo '<br></br>';
    echo '<br></br>';
}
$address = array('addressid'=>'', 'addressline1'=>'', 'addressline2' => '', 'city' => '',
'state' => '', 'zipcode' => '');
if (isUserLoggedin()) {
        $sql = "select u.addressid , a.addressline1 , a.addressline2, a.city , a.state,
a.zipcode from user_address as u , address as a  where u.addressid = a.addressid and
u.userid = ".getLoggedInUserId();
        $result = mysql_query($sql);
        $address = mysql_fetch_assoc($result);
        }
 //gets and displays all the address details of the logged in user else asks for
nonmember to enter details
echo '<br></br>';
echo '<div>';
echo '<h3>Shipping address </h3>';
echo '<p><input type="hidden" name="addressid" value="'.$address['addressid'].'"
></p>';
```

```php
echo '<p>Address line 1  <input type="text" name="addressline1"
value="'.$address['addressline1'].'" ></p>';
echo '<p>Address line 2<input type="text" name="addressline2"
value="'.$address['addressline2'].'" ></p>';
echo '<p>City
          &n
bsp;  <input type="text" name="city" value="'.$address['city'].'"
></p>';
echo '<p>State
           &n
bsp; <input type="text" name="state" value="'.$address['state'].'" ></p>';
echo '<p>Zipcode
          <input
type="text" name="zipcode" value="'.$address['zipcode'].'"></p>';
echo '<p>Credit card #   <input type="text" name="creditcard"
value=" "></p>';
echo '</div>';

echo '<button id="placeorder" type="submit" class="button" >Place order
</button>';
echo '</form>';
echo '<br></br>';

?>
</div>


<?php require_once 'footer.php';?>
```

Header.php

```php
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">

    <head>
        <meta http-equiv="content-type" content="text/html; charset=utf-8" />
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```
            <script type="text/javascript" src="NewUser.js"></script> <!--Linking
the javaScript-->
            <link rel="stylesheet" href="Style.css"/>   <!--Linking the style sheet
used-->
    <title> Sportsera </title>
        </head>

        <body>
          <div id="Container">
            <div id="Header">
                Sportsera <!-- Header displaying Website name-->
                </div>
                <div id="Content">
<?php
require_once 'menu.php';
```

index.php
```
<?php
require_once 'lib.php';
if (isUserLoggedin()){
        header('Location:Search.php'); //if user has Logs in leads her to search page
        return;
}
require_once 'header.php';
?>
        <div id="PageSection">

                    <?php
                    //Displays error and success messages acordingly.
                            if (isset($_GET['error'])) {
                                    echo "<h3> Could not login, try again \n</h3>";
                            } else if (isset($_GET['success'])){
                                    echo "<h3> You have been successfully signed up.
Please login. </h3>";

                            }
```

?>   <!-- Allows users to sign in -->

<h4>Registered Members Login here! </h4>

<form name="ValidateLogin" method="post" action="LogIn.php">

<p>Email: <input type="text" name="email" size="20"></p>

<p>Password: <input type="password" name="password" size="20"></p>

<button id="b1" type="button" class="button" onclick="Validate1()" >Login </button>

</form>

<p> Not a Member yet? </p>

<p> Register to get 5% discount </p>

</br>

</br>

</div>

```php
<?php
require_once 'footer.php';
```

lib.php

```php
<?php
session_start();
require_once 'db.php';
function isAdmin() {  //function to check if he is a admin
     return isset($_SESSION['isadmin']);
}

function isUserLoggedin() {  //function to check if the user has logged in
     return isset($_SESSION['userid']);
}

function getLoggedInUserId() { //function to get userid of loggedin user .
     if (isUserLoggedin()) {
```

```
            return $_SESSION['userid'];
        }
        return false;
}
```

Login.php

```php
<?php
session_start();
require_once 'db.php';
$email = $_POST['email'];    //gets email and password from form from thr UI
$password=$_POST['password'];
$query = "select userid, email,password, isadmin from user where email =
'{$email}'";
$result=mysql_query($query);
if ($result == false) {
    header ('Location: index.php?error=2') ;
} else {
    $row = mysql_fetch_assoc($result);
    if ($email == $row["email"] && $password == $row["password"]) // Selects
the username and password from the table
                                        //and compares it with the form details
saved which are tried to login
    {
            // store session data
            $_SESSION['userid']=$row["userid"];
            if ($row['isadmin']) {
                    $_SESSION['isadmin']=$row["isadmin"];
                    header ('Location: adminhome.php') ;   //redirects to
adminhomepage
            } else {
                    header ('Location: Search.php') ;    //redirects to search home
page
            }
    }
    else
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```
            {
                    header ('Location: index.php?error=1') ;
            }
}
```

Logout.php

```php
<?php
session_start();          //Starting the session for the registered or admin as user.
$_SESSION = array();
header ('Location: index.php') ; // Adding Logout option under menu bar.
```

Menu.php
```php
<div id="MenuBar">
<ul class="Menu">
<li><a href="index.php">Home</a></li>
<li><a href="Search.php">Search</a></li>
<li><a href="fitness.php">Fitness</a></li>
<li><a href="clothes.php">Clothes</a></li>
<li><a href="shoes.php">Shoes</a></li>
<li><a href="games.php">Games</a></li>
<li><a href="teamsports.php">Teamsports</a></li>
<li><a href="actionsports.php">Actionsports</a></li>
<li><a href="accessories.php">Accessories</a></li>
<li><a href="aboutus.php">Contact Us</a></li>
<?php
if(isadmin()) {
?>
<li><a href="adminhome.php">Admin Page</a></li>
<?php
}
?>
<?php
if(isUserLoggedin()) {
?>
<li><a href="logout.php">Logout</a></li>
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```php
<?php
}
?>
```

```html
</ul>
</div>
```

Newuser.php

```javascript
function Validate1()
{
     //Used for verifying whether the details entered are null or not
   var p=document.forms["ValidateLogin"]["email"].value;
     var q=document.forms["ValidateLogin"]["password"].value;
     if (p==null || p==""|| q==null || q=="")
     {
        alert("All the Fields should be filled up!!");
         return false;
     }

       else
       {
                   ValidateLogin.submit(); // Submits the form 'ValidateLogin'
details if not empty.
       }

}
function Validate2()
{
    //this function to check if fields are empty while signing up.
   var p=document.forms["registerblock"]["email"].value;
     var q=document.forms["registerblock"]["password"].value;
     var r=document.forms["registerblock"]["firstname"].value;
     var s=document.forms["registerblock"]["lastname"].value;
     var t=document.forms["registerblock"]["street"].value;
   var u=document.forms["registerblock"]["city"].value;
```

51

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```javascript
    var v=document.forms["registerblock"]["zipcode"].value;
        var x=document.forms["registerblock"]["state"].value;
    var y=document.forms["registerblock"]["phone"].value;
            if (p==null || p==""|| q==null || q==""||r==null || r==""||s==null ||
s==""||t==null || t==""||u==null || u==""||v==null || v=="" || x==null || x=="" ||
y==null ||y=="")
        {
         alert("All the Fields should be filled up!!");
                    return false;
                    }
                    else
                    {
                    registerblock.submit(); // Submits the form 'registerblock'
details if not empty.
                    }
    }
```

Placeorder.php
```php
<?php
require_once 'lib.php';
require_once 'db.php';   //establishes the db_connection from php
require_once 'header.php'; //includes options for header
if (isUserLoggedin()) {
        $userid = getLoggedInUserId();
} else {
        $userid = 'NULL';
}
$orderitems = array();
foreach($_POST as $key=>$value) {
        if (is_int($key)) {
                $orderitems[$key] = $value;      //gets the title,description or any other
search factor.
        }
}

if (empty($orderitems)) {
```

52

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```
        header ('Location: Search.php') ;   // returns to search page if there are no
items.
        return;
}

if (!$_POST['addressid'] == 0) {
        $addressid = $_POST['addressid'];
} else {
        $sql = "insert into address (addressline1, addressline2, city, state, zipcode )
values ('{$_POST['addressline1']}','{$_POST['addressline2']}', '{$_POST['city']}' ,
'{$_POST['state']}', {$_POST['zipcode']})";
        $result = mysql_query($sql);
        $addressid = mysql_insert_id();
}

//generate orderid.

$sql = "insert into onlineorders (userid, addressid, ordereddate) values (
$userid,$addressid, CURRENT_DATE())";
mysql_query($sql);
$orderid = mysql_insert_id();

foreach ($orderitems as $productid => $quantity) {
        if (isUserLoggedin()) {
                $multiplefactor = 0.95; // provides 5% discount for registered user
        } else {
                $multiplefactor = 1;  //If not a member, no discount and the price
remains the same.
        }
        //inserts values into onlineorder table when a customer makes an order.
        $sql = "insert into onlineorderitems ( orderid, productid, price, quantity)
values ( $orderid, $productid, (select price * $multiplefactor  from product where
productid = $productid ) , $quantity )";
        mysql_query($sql);

        //update the stockavaliable in the product table which further helps in trigger.
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```php
        $sql = "update product set stockavailable = stockavailable - $quantity where
productid = $productid";
        mysql_query($sql);
}
$sql2="select sum(price) from onlineorderitems where orderid=$orderid";
$result= mysql_query($sql2);
$row = mysql_fetch_row($result);
//If registered user, gets the registered details while signing up
//If not a memeber, asks user to enter address

//credit card info is asked by both kind of members.
$sql2="select * from address where addressid =$addressid";
$result= mysql_query($sql2);
$addressrow = mysql_fetch_assoc($result);
$address = isset($addressrow['nickname'])?$addressrow['nickname']:'';
$test = isset($addressrow['addressline1'])?$addressrow['addressline1']:'';
$address =
$address."<br>".(isset($addressrow['addressline1'])?$addressrow['addressline1']:'');
$address =
$address."<br>".(isset($addressrow['addressline2'])?$addressrow['addressline2']:'');
$address = $address."<br>".(isset($addressrow['city'])?$addressrow['city']:'');
$address = $address."<br>".(isset($addressrow['state'])?$addressrow['state']:'');
$address =
$address."<br>".(isset($addressrow['zipcode'])?$addressrow['zipcode']:'');
?>
<!-- Displays Order summary!-->
<div id="PageSection">
<h3>Your order is submitted</h3>
<h2>Order summary</h2>
<h3>Order id : <?php echo $orderid?></h3>
<h3>Price : <?php echo number_format((float)$row[0], 2, '.', '')?></h3>
<h3>Shpping Address : <?php echo $address?></h3>
</div>

<?php
require_once 'footer.php';
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

product.php

```php
<?php
require_once 'lib.php';
//Allows user to post reviews for the product.
if (isset($_POST) && isset($_POST['productid']) && isset($_POST['review']) &&
isUserLoggedin()) {
        $sql = " insert into comments (userid, productid, comment) values (
".getLoggedInUserId().", {$_POST['productid']}, '{$_POST['review']}') on
duplicate key update comment='{$_POST['review']}'";
        $result = mysql_query($sql);
        if ($result) {
                header('Location: product.php?productid='.$_POST['productid']);
                return;
        }
}
if (!isset($_GET['productid'])) {
   //Searches and displays each product which was searched from the UI
        header ('Location: Search.php') ;
} else {
        $sql = mysql_query("select p.productid, p.productname,  p.image, p.price,
p.productdescription , m.manufacturername , m.URL, c.categorytype from product
as p, manufacturer as m , category as c  where p.manufacturerid = m.manufacturerid
and p.categorytype = c.categorytype and p.productid = {$_GET['productid']}");
        if (!$sql) {
                header ('Location: Search.php') ;
        }
        $product = mysql_fetch_array($sql);
        if (!$product) {
                header ('Location: Search.php') ;      //Leads to search page.
        }
        $reviews = array();
        $sql = mysql_query("select c.commentid, c.comment , u.firstname,
u.lastname from comments as c , user as u where c.userid = u.userid and c.productid
=  {$product['productid']}");
        if ($sql) {
```

55

SANTA CLARA UNIVERSITY

THE JESUIT UNIVERSITY IN SILICON VALLEY

```php
                while($row = mysql_fetch_array($sql)) {
                        $reviews[] = $row;
                }
            }
        }
        require_once 'header.php';
        ?>
```

```html
<div id="PageSection">
<!-- Displays each product with its
name,price,productdescription,productimage,manufacturername,categorytype -->
<div class="productpage"> <img alt="" class="individualproductimage"
src="<?php echo $product['image']?>"></div>
<div>Name: <?php echo $product['productname']?></div>
<div>Price: <?php echo $product['price']?></div>
<div>Description:<?php echo $product['productdescription']?></div>
<div>Manufacturer: <?php echo $product['manufacturername']?></div>
<div>Category: <?php echo $product['categorytype']?></div>
<div>Manufacturer website: <?php echo $product['URL']?></div>
```

```php
<?php
        foreach ($reviews as $review) {
                ?>
                <!-- Displays user who has commented along with his firstname and
lastname-->
                <div class="reviews">
                        <div> <?php echo $review['firstname']." ".$review['lastname']?>
Says: <?php echo $review['comment']?> </div>
                </div>

                <?php
        }

        if (isUserLoggedin()) {
?>
<div class="reviews">
<form method="post" action="product.php">
```

```
<p>
<!-- Form to enter review for each product-->
<b>Enter your review. </b>
<input type="hidden" name="productid" value=<?php echo
$_GET['productid']?>>
<input type="text" name="review" size="40">
<button id="reviewbutton" type="submit" class="button" >Post review
</button>
</p>
</form>
</div>
<?php
        }
?>
</div>
<?php
require_once 'footer.php';
```

README.txt

Installation
1. The db installatoin script is present in sportsera.sql.
2. In mysql commandt line run "source pageturners.sql"

Settings
Set "thread_stack = 256K" in my.cnf for the mysql configuration.

Assumptions

1. A given user has only one phone number .
2. The user's billing address and shipping address is the same.

Admin Access :

Username : silpa@sportsera.com
Password: hello

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

Registered USer Access:

username : goutham@sportsera.com
Password: test
username : vamsi@yahoo.com
Password: test

Register.php

```php
<?php
require_once 'lib.php';
require_once 'header.php';
?>
<div id="PageSection">
<br></br>
<div id="search">
<form action="Search.php" method="post">
Search: <input type="text" id="term" name="term" />  <!-- option to enter the
search pattern-->
<input type="submit" name="submit" value="Submit" />
</form>
<br></br>
</div>
<?php

$term = isset($_POST['term'])?$_POST['term']:null;
 //Search query to search the products based on name,description,category, and
manufacturer.
 $sql = mysql_query("select p.productid, p.productname, p.image, p.price,
p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable
 from product as p, category as c, manufacturer as m
 where (p.productname like '%$term%' or p.productdescription like '%$term%' or
c.categorytype like '%$term%' or m.manufacturername like '%$term%') and
p.productid = p.productid and p.categoryid = c.categoryid and p.manufacturerid =
m.manufacturerid order by p.productid");

echo mysql_error();
```

```php
echo '<form method="post" action="placeorder.php">';
 while ($row = mysql_fetch_array($sql)){


      //Displays the name, productid, stockavailable.
   echo '<div class="individualproduct">';
   echo "<a href=\"product.php?productid={$row['productid']}\">";
      echo "<img class=\"productimage\" src=\"{$row['image']} \" >";
      echo "<div>Product: {$row['productname']}</div>";
      echo "<div>Description: {$row['productdescription']}</div>";
      echo "<div>Price: \${$row['price']}.00</div>";
      echo "<div>Quantity In Stock: {$row['stockavailable']}</div>";
      echo '</a>';
      echo 'Quantity for order: <input type="number" name="'.$row['productid'].'"
min="0" max="'.$row['stockavailable'].'">';
      echo '</div>';
      echo '<br></br>';
   echo '<br></br>';
}
$address = array('addressid'=>'', 'addressline1'=>'', 'addressline2' => '', 'city' => '',
'state' => '', 'zipcode' => '');
if (isUserLoggedin()) {
      $sql = "select u.addressid , a.addressline1 , a.addressline2, a.city , a.state,
a.zipcode from user_address as u , address as a  where u.addressid = a.addressid and
u.userid = ".getLoggedInUserId();
      $result = mysql_query($sql);
      $address = mysql_fetch_assoc($result);
}
 //gets and displays all the address details of the logged in user else asks for
nonmember to enter details
echo '<br></br>';
echo '<div>';
echo '<h3>Shipping address </h3>';
echo '<p><input type="hidden" name="addressid" value="'.$address['addressid'].'"
></p>';
echo '<p>Address line 1  <input type="text" name="addressline1"
value="'.$address['addressline1'].'" ></p>';
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```php
echo '<p>Address line 2<input type="text" name="addressline2"
value="'.$address['addressline2'].'" ></p>';
echo '<p>City
              <input type="text" name="city" value="'.$address['city'].'"
></p>';
echo '<p>State
             <input type="text" name="state" value="'.$address['state'].'" ></p>';
echo '<p>Zipcode
          <input
type="text" name="zipcode" value="'.$address['zipcode'].'"></p>';
echo '<p>Credit card #   <input type="text" name="creditcard"
value=" "></p>';
echo '</div>';

echo '<button id="placeorder" type="submit" class="button" >Place order
</button>';
echo '</form>';
echo '<br></br>';

?>
</div>


<?php require_once 'footer.php';?>
```

Search.php

```php
<?php
require_once 'lib.php';
require_once 'header.php';
?>
<div id="PageSection">
<br></br>
<div id="search">
```

```php
<form action="Search.php" method="post">
Search: <input type="text" id="term" name="term" />  <!-- option to enter the
search pattern-->
<input type="submit" name="submit" value="Submit" />
</form>
<br></br>
</div>
<?php


$term = isset($_POST['term'])?$_POST['term']:null;
 //Search query to search the products based on name,description,category, and
manufacturer.
 $sql = mysql_query("select p.productid, p.productname, p.image, p.price,
p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable
 from product as p, category as c, manufacturer as m
 where (p.productname like '%$term%' or p.productdescription like '%$term%' or
c.categorytype like '%$term%' or m.manufacturername like '%$term%') and
p.productid = p.productid and p.categoryid = c.categoryid and p.manufacturerid =
m.manufacturerid order by p.productid");

echo mysql_error();
 echo '<form method="post" action="placeorder.php">';
  while ($row = mysql_fetch_array($sql)){


      //Displays the name, productid, stockavailable.
    echo '<div class="individualproduct">';
    echo "<a href=\"product.php?productid={$row['productid']}\">";
        echo "<img class=\"productimage\" src=\"{$row['image']} \" >";
        echo "<div>Product: {$row['productname']}</div>";
        echo "<div>Description: {$row['productdescription']}</div>";
        echo "<div>Price: \${$row['price']}.00</div>";
        echo "<div>Quantity In Stock: {$row['stockavailable']}</div>";
        echo '</a>';
        echo 'Quantity for order: <input type="number" name="'.$row['productid'].'"
min="0" max="'.$row['stockavailable'].'">';
        echo '</div>';
```

```php
            echo '<br></br>';
        echo '<br></br>';
    }
    $address = array('addressid'=>'', 'addressline1'=>'', 'addressline2' => '', 'city' => '',
    'state' => '', 'zipcode' => '');
    if (isUserLoggedin()) {
            $sql = "select u.addressid , a.addressline1 , a.addressline2, a.city , a.state,
    a.zipcode from user_address as u , address as a  where u.addressid = a.addressid and
    u.userid = ".getLoggedInUserId();
            $result = mysql_query($sql);
            $address = mysql_fetch_assoc($result);
    }
     //gets and displays all the address details of the logged in user else asks for
    nonmember to enter details
    echo '<br></br>';
    echo '<div>';
    echo '<h3>Shipping address </h3>';
    echo '<p><input type="hidden" name="addressid" value="'.$address['addressid'].'"
    ></p>';
    echo '<p>Address line 1  <input type="text" name="addressline1"
    value="'.$address['addressline1'].'" ></p>';
    echo '<p>Address line 2<input type="text" name="addressline2"
    value="'.$address['addressline2'].'" ></p>';
    echo '<p>City
               &n
    bsp;  <input type="text" name="city" value="'.$address['city'].'"
    ></p>';
    echo '<p>State
               &n
    bsp; <input type="text" name="state" value="'.$address['state'].'" ></p>';
    echo '<p>Zipcode
              <input
    type="text" name="zipcode" value="'.$address['zipcode'].'"></p>';
    echo '<p>Credit card #   <input type="text" name="creditcard"
    value=" "></p>';
    echo '</div>';
```

```php
echo '<button id="placeorder" type="submit" class="button" >Place order
</button>';
echo '</form>';
echo '<br></br>';

?>
</div>
```

```php
<?php require_once 'footer.php';?>
```

Shoes.php

```php
<?php
require_once 'lib.php';
require_once 'header.php';
?>
<div id="PageSection">
<br></br>
<div id="shoes">
<!--
<form action="Search.php" method="post">
Search: <input type="text" id="term" name="term" />
<input type="submit" name="submit" value="Submit" />
-->
<form>
</form>
<br></br>
</div>
<?php

$term = isset($_POST['term'])?$_POST['term']:null;
 //Search query to search the products based on name,description,category, and
manufacturer.
```

```php
$sql = mysql_query("select p.productid, p.productname, p.image, p.price,
p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable
 from product as p, category as c, manufacturer as m
 where (p.productname like '%$term%' or p.productdescription like'%$term%' or
c.categorytype like '%$term%' or m.manufacturername like '%$term%') and
p.productid = p.productid and p.categoryid = 3 and p.categoryid = c.categoryid and
p.manufacturerid = m.manufacturerid order by p.productid");


 echo mysql_error();
 echo '<form method="post" action="placeorder.php">';
 while ($row = mysql_fetch_array($sql)){


        //Displays the name, productid, stockavailable.
    echo '<div class="individualproduct">';
    echo "<a href=\"product.php?productid={$row['productid']}\">";
        echo "<img class=\"productimage\" src=\"{$row['image']} \" >";
        echo "<div>Product: {$row['productname']}</div>";
        echo "<div>Description: {$row['productdescription']}</div>";
        echo "<div>Price: \${$row['price']}</div>";
        echo "<div>Quantity In Stock: {$row['stockavailable']}</div>";
        echo '</a>';
        echo 'Quantity for order: <input type="number" name="'.$row['productid'].'"
min="0" max="'.$row['stockavailable'].'">';
        echo '</div>';
        echo '<br></br>';
    echo '<br></br>';
}
$address = array('addressid'=>'', 'addressline1'=>'', 'addressline2' => '', 'city' => '',
'state' => '', 'zipcode' => '');
if (isUserLoggedin()) {
        $sql = "select u.addressid , a.addressline1 , a.addressline2, a.city , a.state,
a.zipcode from user_address as u , address as a  where u.addressid = a.addressid and
u.userid = ".getLoggedInUserId();
        $result = mysql_query($sql);
        $address = mysql_fetch_assoc($result);
        }
```

```php
//gets and displays all the address details of the logged in user else asks for
nonmember to enter details
echo '<br></br>';
echo '<div>';
echo '<h3>Shipping address </h3>';
echo '<p><input type="hidden" name="addressid" value="'.$address['addressid'].'"
></p>';
echo '<p>Address line 1  <input type="text" name="addressline1"
value="'.$address['addressline1'].'" ></p>';
echo '<p>Address line 2<input type="text" name="addressline2"
value="'.$address['addressline2'].'" ></p>';
echo '<p>City
           &n
bsp;  <input type="text" name="city" value="'.$address['city'].'"
></p>';
echo '<p>State
           &n
bsp; <input type="text" name="state" value="'.$address['state'].'" ></p>';
echo '<p>Zipcode
          <input
type="text" name="zipcode" value="'.$address['zipcode'].'"></p>';
echo '<p>Credit card #   <input type="text" name="creditcard"
value=" "></p>';
echo '</div>';

echo '<button id="placeorder" type="submit" class="button" >Place order
</button>';
echo '</form>';
echo '<br></br>';

?>
</div>


<?php require_once 'footer.php';?>
```

Signup.php

```php
<?php
require_once 'lib.php';
require_once 'db.php';

//Gets all the details posted from the Ui and saves them in variables.
$email = $_POST['email'];
$password=$_POST['password'];
$firstname=$_POST['firstname'];
$lastname=$_POST['lastname'];
$street=$_POST['street'];
$city=$_POST['city'];
$state=$_POST['state'];
$zipcode=$_POST['zipcode'];
$isadmin=$_POST['isadmin'];
$phone=$_POST['phone'];

//selects email and compares with the email enetered while logging in.
$query = "SELECT * FROM user WHERE email='$email' ";
$result = mysql_query($query) or die(mysql_error());

if (mysql_num_rows($result) )
{
   header ('Location: UserExists.php') ; // Redirects to Userexists page.
}
else
{
      mysql_query("SET AUTOCOMMIT=0");
      mysql_query("START TRANSACTION");
         //Starts transaction.
      $result1 = mysql_query("INSERT INTO address (addressline1, city, state,
zipcode) values ('{$street}', '{$city}','{$state}',$zipcode)");
      if ($result1){
            $addressid = mysql_insert_id();
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```php
            $result2 = mysql_query("INSERT INTO user (email, password,
firstname,lastname, phone) VALUES ('$email',
'$password','$firstname','$lastname',$phone)");
            if ($result2) {
                    $userid = mysql_insert_id();
                    $sql = "INSERT INTO user_address (userid, addressid) values
($userid , $addressid)";
                    $result3 = mysql_query($sql);
                    if (!$result3) {
                            echo mysql_error();   //If error rollBack
                    }
            } else {
                    echo mysql_error();
            }


    }

    if ($result1 && $result2 && $result3) {
            mysql_query("COMMIT");          //Commits the trasaction
            header ('Location: index.php?success=1') ;
    } else {
            mysql_query("ROLLBACK");        //rollsback when an error occurs
            header ('Location: register.php?error=1') ;
    }



}
```

Teamsports.php
```php
<?php
require_once 'lib.php';
require_once 'header.php';
?>
<div id="PageSection">
<br></br>
```

```html
<div id="shoes">
<!--
<form action="Search.php" method="post">
Search: <input type="text" id="term" name="term" />
<input type="submit" name="submit" value="Submit" />
-->
<form>
</form>
<br></br>
</div>
<?php
```

```php
$term = isset($_POST['term'])?$_POST['term']:null;
 //Search query to search the products based on name,description,category, and manufacturer.
 $sql = mysql_query("select p.productid, p.productname, p.image, p.price, p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable
 from product as p, category as c, manufacturer as m
 where (p.productname like '%$term%' or p.productdescription like'%$term%' or c.categorytype like '%$term%' or m.manufacturername like '%$term%') and p.productid = p.productid and p.categoryid = 5 and p.categoryid = c.categoryid and p.manufacturerid = m.manufacturerid order by p.productid");

 echo mysql_error();
 echo '<form method="post" action="placeorder.php">';
 while ($row = mysql_fetch_array($sql)){

     //Displays the name, productid, stockavailable.
   echo '<div class="individualproduct">';
   echo "<a href=\"product.php?productid={$row['productid']}\">";
       echo "<img class=\"productimage\" src=\"{$row['image']} \" >";
       echo "<div>Product: {$row['productname']}</div>";
       echo "<div>Description: {$row['productdescription']}</div>";
       echo "<div>Price: \${$row['price']}</div>";
       echo "<div>Quantity In Stock: {$row['stockavailable']}</div>";
       echo '</a>';
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```php
        echo 'Quantity for order: <input type="number" name="'.$row['productid'].'"
min="0" max="'.$row['stockavailable'].'">';
        echo '</div>';
        echo '<br></br>';
    echo '<br></br>';
}
$address = array('addressid'=>'', 'addressline1'=>'', 'addressline2' => '', 'city' => '',
'state' => '', 'zipcode' => '');
if (isUserLoggedin()) {
        $sql = "select u.addressid , a.addressline1 , a.addressline2, a.city , a.state,
a.zipcode from user_address as u , address as a  where u.addressid = a.addressid and
u.userid = ".getLoggedInUserId();
        $result = mysql_query($sql);
        $address = mysql_fetch_assoc($result);
        }
 //gets and displays all the address details of the logged in user else asks for
nonmember to enter details
echo '<br></br>';
echo '<div>';
echo '<h3>Shipping address </h3>';
echo '<p><input type="hidden" name="addressid" value="'.$address['addressid'].'"
></p>';
echo '<p>Address line 1  <input type="text" name="addressline1"
value="'.$address['addressline1'].'" ></p>';
echo '<p>Address line 2<input type="text" name="addressline2"
value="'.$address['addressline2'].'" ></p>';
echo '<p>City
               <input type="text" name="city" value="'.$address['city'].'"
></p>';
echo '<p>State
              <input type="text" name="state" value="'.$address['state'].'" ></p>';
echo '<p>Zipcode
          <input
type="text" name="zipcode" value="'.$address['zipcode'].'"></p>';
```

69

```php
echo '<p>Credit card #   <input type="text" name="creditcard"
value=" "></p>';
echo '</div>';

echo '<button id="placeorder" type="submit" class="button" >Place order
</button>';
echo '</form>';
echo '<br></br>';

?>
</div>



<?php require_once 'footer.php';?>
```

Userexists.php

```php
<?php
require_once 'lib.php';
require_once 'db.php';
require_once 'header.php';
 ?>
        <!--Error message -->
                <div id="PageSection">
                <h4> Sorry! User with this Email already Exists!! </h4>
                <h2> Please try to Sign up with a different Email. </h2>
                </div>
<?php
require_once 'footer.php';
?>
```

Sportsera.sql

```sql
-- phpMyAdmin SQL Dump
-- version 4.0.4
-- http://www.phpmyadmin.net
--
-- Host: localhost
```

```
-- Generation Time: Mar 15, 2014 at 06:29 AM
-- Server version: 5.6.12-log
-- PHP Version: 5.4.12


SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
SET time_zone = "+00:00";


/*!40101 SET
@OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET
@OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET
@OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8 */;


--
-- Database: `sportsera_database`
--
CREATE DATABASE IF NOT EXISTS `sportsera_database` DEFAULT
CHARACTER SET latin1 COLLATE latin1_swedish_ci;
USE `sportsera_database`;

DELIMITER $$
--
-- Procedures
--
CREATE DEFINER=`root`@`localhost` PROCEDURE `signup`(
      IN pemail  varchar(200),
      IN password varchar(15),
      IN pfirstname varchar(15),
      IN plastname varchar(15),
      IN pstreet varchar(50),
      IN pcity varchar(50),
      IN pstate varchar(50),
      IN pzipcode INT(11),
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```
            IN pphone INT(10),
            OUT result int
)
BEGIN

        DECLARE aid int default 0;
        DECLARE uid int default 0;
        DECLARE EXIT HANDLER FOR SQLEXCEPTION ROLLBACK;

    START TRANSACTION;
        SET result = 0;
                insert into
                        address (addressline1, city, state, zipcode)
                        values (pstreet, pcity,pstate, pzipcode);

                set aid = last_insert_id();

                if aid <> 0 then
                        insert into
                                user  (email, password, firstname,lastname,phone)
                                values (pemail, ppassword, pfirstname, plastname,
pphone);

                        set uid = last_insert_id();

                        if uid <> 0 then

                        insert ignore into
                                user_address ( userid, addressid)
                                values ( uid, aid);

                        end if;


                end if;
                SET result = 1;
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```
    COMMIT;
END$$

DELIMITER ;

-- --------------------------------------------------------


--
-- Table structure for table `address`
--

CREATE TABLE IF NOT EXISTS `address` (
  `addressid` int(11) NOT NULL AUTO_INCREMENT,
  `nickname` varchar(20) DEFAULT NULL,
  `addressline1` varchar(50) DEFAULT NULL,
  `addressline2` varchar(50) DEFAULT NULL,
  `city` varchar(50) NOT NULL,
  `state` varchar(50) NOT NULL,
  `zipcode` int(11) NOT NULL,
  PRIMARY KEY (`addressid`)
) ENGINE=InnoDB  DEFAULT CHARSET=latin1 AUTO_INCREMENT=13 ;

--
-- Dumping data for table `address`
--

INSERT INTO `address` (`addressid`, `nickname`, `addressline1`, `addressline2`,
`city`, `state`, `zipcode`) VALUES
(1, 'hello', '300 OliveWst', 'apt 1', 'Fremont', 'ca', 94041),
(2, 'hello', '202 Fairoaks Wst', 'apt 20', 'sunnyvale', 'ca', 94086),
(3, 'hello', '110 Crooked St', 'apt 55', 'san francisco', 'ca', 94111),
(4, '', '11', '22', 'sc', 'ca', 94086),
(5, '', 'sfw', 's bernando', 'sfo', 'ca', 98076),
(6, '', 'Fremont', NULL, 'Mountainview', 'CA', 94086),
(7, '', '360', 'western drive', 'santa cruz', 'CA', 95060),
```

73

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```
(8, '', 'aaa', 'www', 'cs', 'CA', 98900),
(9, '', 'qwqw', 'qqw', 'sds', 'asa', 45555),
(10, NULL, '360', 's bernando', 'Mountainview', 'CA', 94086),
(11, NULL, 'SouthBernardo', NULL, 'santa cruz', 'CA', 94086),
(12, NULL, 'SouthBernardo', 'Apt 408', 'Santa Cruz', 'CA', 94086);


-- --------------------------------------------------------


--
-- Table structure for table `category`
--

CREATE TABLE IF NOT EXISTS `category` (
  `categoryid` int(11) NOT NULL AUTO_INCREMENT,
  `categorytype` char(20) DEFAULT NULL,
  PRIMARY KEY (`categoryid`)
) ENGINE=InnoDB  DEFAULT CHARSET=latin1 AUTO_INCREMENT=9 ;


--
-- Dumping data for table `category`
--

INSERT INTO `category` (`categoryid`, `categorytype`) VALUES
(1, 'fitness'),
(2, 'clothes'),
(3, 'shoes'),
(4, 'accessories'),
(5, 'teamsports'),
(6, 'games'),
(7, 'actionsports'),
(8, 'outdoors');


-- --------------------------------------------------------


--
-- Table structure for table `comments`
```

```
--

CREATE TABLE IF NOT EXISTS `comments` (
  `commentid` int(11) NOT NULL AUTO_INCREMENT,
  `userid` int(11) DEFAULT NULL,
  `productid` int(11) DEFAULT NULL,
  `comment` varchar(80) DEFAULT NULL,
  PRIMARY KEY (`commentid`),
  UNIQUE KEY `userid_productid` (`userid`,`productid`),
  KEY `comments_ibfk_2` (`productid`)
) ENGINE=InnoDB  DEFAULT CHARSET=latin1 AUTO_INCREMENT=3 ;


--
-- Dumping data for table `comments`
--

INSERT INTO `comments` (`commentid`, `userid`, `productid`, `comment`)
VALUES
(1, 1, 1, 'Nice product'),
(2, 3, 4, 'Very Comfortable product!!');


-- ----------------------------------------------------------


--
-- Table structure for table `lowinventory`
--

CREATE TABLE IF NOT EXISTS `lowinventory` (
  `productid` int(11) NOT NULL,
  PRIMARY KEY (`productid`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;


--
-- Dumping data for table `lowinventory`
--
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```
INSERT INTO `lowinventory` (`productid`) VALUES
(1),
(3),
(10),
(11),
(18),
(19),
(22),
(25),
(26),
(27),
(29),
(31),
(38),
(46),
(47),
(55),
(57),
(58),
(71),
(72),
(73),
(74),
(81);


-- --------------------------------------------------------


--
-- Table structure for table `manufacturer`
--

CREATE TABLE IF NOT EXISTS `manufacturer` (
  `manufacturerid` int(11) NOT NULL AUTO_INCREMENT,
  `manufacturername` varchar(15) NOT NULL,
  `URL` varchar(100) NOT NULL,
  `phone` int(10) NOT NULL,
```

```
      PRIMARY KEY (`manufacturerid`)
) ENGINE=InnoDB  DEFAULT CHARSET=latin1 AUTO_INCREMENT=11 ;


--
-- Dumping data for table `manufacturer`
--

INSERT INTO `manufacturer` (`manufacturerid`, `manufacturername`, `URL`,
`phone`) VALUES
(1, 'Adidas', 'http://www.adidas.com', 2134567895),
(2, 'Nike', 'http://www.nike.com', 2147483647),
(3, 'Reebok', 'http://www.reebok.com', 2134567894),
(4, 'Northface', 'http://www.thenorthface.com', 2134567695),
(5, 'Asics', 'http://www.asicsamerica.com/', 2034567895),
(6, 'Under Armour', 'http://www.underarmour.com/shop/us/en', 2084567895),
(7, 'Columbia', 'http://www.columbia.com/', 2074567895),
(8, 'Brooks', 'https://www.brooksrunning.com/', 2147406647),
(9, 'Hurley', 'http://www.hurley.com/', 2147483647),
(10, 'New Balance', 'http://www.newbalance.com/', 2147483540);


-- --------------------------------------------------------


--
-- Table structure for table `onlineorderitems`
--

CREATE TABLE IF NOT EXISTS `onlineorderitems` (
  `orderitemid` int(11) NOT NULL AUTO_INCREMENT,
  `orderid` int(11) DEFAULT NULL,
  `productid` int(11) DEFAULT NULL,
  `price` float DEFAULT NULL,
  `quantity` int(15) DEFAULT NULL,
  PRIMARY KEY (`orderitemid`),
  KEY `orderid` (`orderid`),
  KEY `productid` (`productid`)
) ENGINE=InnoDB  DEFAULT CHARSET=latin1 AUTO_INCREMENT=30 ;
```

77

```
--
-- Dumping data for table `onlineorderitems`
--

INSERT INTO `onlineorderitems` (`orderitemid`, `orderid`, `productid`, `price`,
`quantity`) VALUES
(1, 56, 1, 9.5, 1),
(2, 60, 2, 11.4, 1),
(3, 61, 4, 14.25, 1),
(4, 61, 5, 6.65, 2),
(5, 62, 1, 9.5, 1),
(6, 62, 3, 12.35, 1),
(7, 62, 4, 14.25, 1),
(8, 63, 24, 76, 1),
(9, 63, 25, 142.5, 1),
(10, 64, 5, 7, 1),
(11, 64, 6, 15, 1),
(12, 65, 1, 10, 1),
(13, 66, 12, 89, 1),
(14, 66, 13, 99, 2),
(15, 67, 1, 9.5, 1),
(16, 68, 10, 189.05, 1),
(17, 68, 11, 189.05, 3),
(25, 73, 10, 189.05, 1),
(26, 74, 80, 57, 2),
(27, 74, 81, 76, 1),
(28, 75, 31, 42, 1),
(29, 75, 32, 40, 2);


-- ----------------------------------------------------------


--
-- Table structure for table `onlineorders`
--
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```sql
CREATE TABLE IF NOT EXISTS `onlineorders` (
  `orderid` int(11) NOT NULL AUTO_INCREMENT,
  `userid` int(11) DEFAULT NULL,
  `addressid` int(11) NOT NULL,
  `orderstatus` int(4) DEFAULT '1',
  `ordereddate` date DEFAULT NULL,
  PRIMARY KEY (`orderid`),
  KEY `userid` (`userid`)
) ENGINE=InnoDB  DEFAULT CHARSET=latin1 AUTO_INCREMENT=76 ;


--
-- Dumping data for table `onlineorders`
--

INSERT INTO `onlineorders` (`orderid`, `userid`, `addressid`, `orderstatus`,
`ordereddate`) VALUES
(1, 1, 1, 1, '2014-03-01'),
(2, 2, 2, 1, '2014-03-05'),
(3, 2, 2, 1, '2014-03-11'),
(4, 2, 2, 1, '2014-03-11'),
(5, 2, 2, 1, '2014-03-11'),
(6, 2, 2, 1, '2014-03-11'),
(7, NULL, 4, 1, '2014-03-11'),
(8, NULL, 5, 1, '2014-03-12'),
(9, 2, 2, 1, '2014-03-12'),
(10, 4, 6, 1, '2014-03-12'),
(11, 4, 6, 1, '2014-03-12'),
(12, 2, 2, 1, '2014-03-12'),
(13, 2, 2, 1, '2014-03-12'),
(14, 2, 2, 1, '2014-03-12'),
(15, 2, 2, 1, '2014-03-12'),
(16, 2, 2, 1, '2014-03-12'),
(17, 2, 2, 1, '2014-03-12'),
(18, 2, 2, 1, '2014-03-12'),
(19, 2, 2, 1, '2014-03-12'),
(20, 2, 2, 1, '2014-03-12'),
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

(21, 2, 2, 1, '2014-03-12'),
(22, 2, 2, 1, '2014-03-12'),
(23, 2, 2, 1, '2014-03-12'),
(24, 2, 2, 1, '2014-03-12'),
(25, 2, 2, 1, '2014-03-12'),
(26, 2, 2, 1, '2014-03-12'),
(27, 2, 2, 1, '2014-03-12'),
(28, 2, 2, 1, '2014-03-12'),
(29, 2, 2, 1, '2014-03-12'),
(30, 2, 2, 1, '2014-03-13'),
(31, 2, 2, 1, '2014-03-13'),
(32, 2, 2, 1, '2014-03-13'),
(33, 2, 2, 1, '2014-03-13'),
(34, 2, 2, 1, '2014-03-13'),
(35, 2, 2, 1, '2014-03-13'),
(36, 2, 2, 1, '2014-03-13'),
(37, 2, 2, 1, '2014-03-13'),
(38, 2, 2, 1, '2014-03-13'),
(39, 2, 2, 1, '2014-03-13'),
(40, 2, 2, 1, '2014-03-13'),
(41, 2, 2, 1, '2014-03-13'),
(42, 2, 2, 1, '2014-03-13'),
(43, 2, 2, 1, '2014-03-13'),
(44, 2, 2, 1, '2014-03-13'),
(45, 2, 2, 1, '2014-03-13'),
(46, 2, 2, 1, '2014-03-13'),
(47, 2, 2, 1, '2014-03-13'),
(48, 2, 2, 1, '2014-03-13'),
(49, 2, 2, 1, '2014-03-13'),
(50, 2, 2, 1, '2014-03-13'),
(51, 2, 2, 1, '2014-03-13'),
(52, 2, 2, 1, '2014-03-13'),
(53, 2, 2, 1, '2014-03-13'),
(54, 2, 2, 1, '2014-03-13'),
(55, 2, 2, 1, '2014-03-13'),
(56, 2, 2, 1, '2014-03-13'),

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```
(57, 2, 2, 1, '2014-03-13'),
(58, 2, 2, 1, '2014-03-13'),
(59, 2, 2, 1, '2014-03-13'),
(60, 2, 2, 1, '2014-03-13'),
(61, 2, 2, 1, '2014-03-13'),
(62, 2, 2, 1, '2014-03-13'),
(63, 2, 2, 1, '2014-03-13'),
(64, NULL, 7, 1, '2014-03-13'),
(65, NULL, 8, 1, '2014-03-13'),
(66, NULL, 9, 1, '2014-03-13'),
(67, 4, 6, 1, '2014-03-13'),
(68, 2, 2, 1, '2014-03-14'),
(69, NULL, 10, 1, '2014-03-14'),
(70, 2, 2, 1, '2014-03-14'),
(71, 2, 2, 1, '2014-03-14'),
(72, 2, 2, 1, '2014-03-14'),
(73, 2, 2, 1, '2014-03-14'),
(74, 2, 2, 1, '2014-03-14'),
(75, NULL, 12, 1, '2014-03-14');


-- --------------------------------------------------------


--
-- Table structure for table `product`
--

CREATE TABLE IF NOT EXISTS `product` (
  `productid` int(11) NOT NULL AUTO_INCREMENT,
  `title` char(30) NOT NULL,
  `productname` varchar(100) NOT NULL,
  `image` varchar(200) NOT NULL,
  `price` float NOT NULL,
  `productdescription` text NOT NULL,
  `stockavailable` int(11) NOT NULL,
  `manufacturerid` int(11) NOT NULL,
  `categoryid` int(11) NOT NULL,
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```
  PRIMARY KEY (`productid`),
  KEY `categoryid` (`categoryid`),
  KEY `manufacturerid` (`manufacturerid`)
) ENGINE=InnoDB  DEFAULT CHARSET=latin1 AUTO_INCREMENT=102 ;


--
-- Dumping data for table `product`
--


INSERT INTO `product` (`productid`, `title`, `productname`, `image`, `price`,
`productdescription`, `stockavailable`, `manufacturerid`, `categoryid`) VALUES
(1, 'Socks', 'ASICS kayano low-cut socks', 'images/accessories/menslocut.jpg', 10,
'Comfortable for Men', 3, 5, 4),
(2, 'Socks', 'UNDERARMOUR Mens training sock',
'images/accessories/mensmultipack.jpg', 12, 'Keep your feet healthy and
comfortable while you work out with these UNDER ARMOUR training socks fo',
7, 6, 4),
(3, 'Socks', 'ASICS Kayano Classic Low-Cut Socks',
'images/accessories/womenslocut.jpg', 13, 'anatomic fit, NanoGLIDE moisture and
friction management, articulated arch support, horizontal lace', 4, 5, 4),
(4, 'Socks', 'Rebook Adult Rebel Fusion Trekker Quarter Socks',
'images/accessories/womenscrew3.jpg', 15, 'The Rebook Rebel Fusion Trekker
quarter socks are built with a knit-in liner', 6, 3, 4),
(5, 'Socks', 'UNDER ARMOUR youth no-show socks',
'images/accessories/kidsmultipack.jpg', 7, ' strategic cushioning pads to protect the
high-impact areas of your child''s feet that suffer the mos', 8, 6, 4),
(6, 'Socks', 'NIKE girls socks', 'images/accessories/nikegirlssocks.jpg', 15, 'NIKE
women''s lightweight no-show socks come in 6 great colors, so you can mix and
match with workout', 9, 2, 4),
(7, 'mountainboots', 'ASICS womensmountainboots',
'images/actionsports/womensmountainboots.jpg', 15, 'women''s ski boots are good
both in the lodge and on the slopes', 13, 2, 7),
(8, 'mountainboots', 'REEBOK mensmountainboots',
'images/actionsports/womensmountainboots.jpg', 17, 'for speed with Twinframe and
360-degree Custom Shell technologies for ultimate performance, comfort.', 13, 2,
7),
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

(9, 'mountainboots', 'NIKE kidsboots', 'images/actionsports/kidsboots.jpg', 12, 'Adidas youth Hot Rod 60 ski boots are designed to deliver outstanding comfort to the aspiring all-', 10, 3, 7),

(10, 'byke', 'TITAN TRAIL mountainbyke', 'images/actionsports/mountainbyke.jpg', 199, 'feel what it"s like to ride road-size wheels on a mountain bike. Tree roots, rocks.', 5, 3, 7),

(11, 'byke', 'KAWASAKI mountainbyke', 'images/actionsports/roadbyke.jpg', 199, 'the 29" wheels roll along any surface, dirt or asphalt', 9, 4, 7),

(12, 'Shoes', 'ASICS menshoes', 'images/shoes/menshoes.jpg', 89, 'ASIC GEL external Heel Clutching System and a Biomorphic Fit upper for incredible comfort and depe', 6, 5, 3),

(13, 'Shoes', 'NIKE mensshoes', 'images/shoes/mensshoes2.jpg', 99, 'NIKE Power Platform, the Lunar Ascend men"s golf shoes offer enhanced power and stability throughou', 5, 2, 3),

(14, 'Shoes', 'BROOKS kidsshoe', 'images/shoes/kidsshoe.jpg', 59, 'The Brooks Boy"s Suede Cosmic rental shoe is constructed of 100% brushed leather.', 7, 8, 3),

(15, 'Shoes', 'NIKE kidssshoe', 'images/shoes/kidsshoe2.jpg', 79, 'NIKE Future track stars will love the super-comfy fit and feel of the NIKE® boys" Free 5.0 running s', 7, 2, 3),

(16, 'Shoes', 'ASICS womensshoe', 'images/shoes/womensshoe.jpg', 99, 'Dive for every shot in the ASICS women"s GEL-1140 volleyball shoes.', 7, 5, 3),

(17, 'Shoes', 'UNDER ARMOUR womensshoe', 'images/shoes/womensshoe2.jpg', 99, 'Bask in the comfort of these Underarmour women"s Bailey Bow boots.', 7, 6, 3),

(18, 'Dumbells', 'Cap Barbell 10 lb Hexagon Solid Dumbbell Weight', 'images/fitness/dumbells.jpg', 15, 'This Cap Barbell 10-lb Hexagon solid dumbbell has a vinyl-dipped design and hexagonal shape.', 2, 9, 1),

(19, 'Dumbells', 'Bowflex 5lbs-52lbs SelectTech Dumbells', 'images/fitness/dumbells2.jpg', 350, 'The Bowflex SelectTech Dumbbells features a unique weight system that lets you adjust each dumbbel', 4, 9, 1),

(20, 'Treadmill', 'LifeSpan TR1200-DT7 Desktop Treadmill', 'images/fitness/lifespandesktoptreadmill.jpg', 1999, 'The TR1200-DT7 treadmill desk from LifeSpan is ideal for your office!', 5, 9, 1),

(21, 'Treadmill', 'Exerpeutic 2000 "Workfit" High Capacity Desk Station Treadmill', 'images/fitness/highcapacitydeskstationtreadmill.jpg', 849, 'combines both, letting you burn calories as you take care of business.', 3, 10, 1),

(22, 'Elliptical', 'FreeMotion 545 Elliptical', 'images/fitness/elliptical.jpg', 999, 'Featuring incline up to 20 degrees, the total-body toning ramp adjusts your incline.', 1, 10, 1),

(23, 'Elliptical', 'Exerpeutic 770 Heavy Duty 21" Pro Stride Magnetic Elliptical', 'images/fitness/elliptical2.jpg', 749, 'provides a virtually zero-impact workout with no stress on the hips, ankles and joints, plus dual-ac', 4, 9, 1),

(24, 'Clothes', 'adidas Men''s Adizero F50 Messi Track Top', 'images/clothes/Men/adidasmenlongsleeve2.jpg', 80, 'lightweight woven fabric with mesh panels on the back and underarms for superior ventilation', 8, 1, 2),

(25, 'Clothes', 'NIKE Men''s Element Reflective 1/2-Zip Running Top', 'images/clothes/Men/nikemenlongsleeves.jpg', 150, 'In chilly conditions, the NIKE men''s Element 1/2-zip running top keeps cold air from slowing you do', 3, 2, 2),

(26, 'Clothes', 'UNDER ARMOUR Men''s Charged Cotton Short-Sleeve T-Shirt', 'images/clothes/Men/UAmenshortsleeves.jpg', 20, 'The UNDER ARMOUR men''s Charged Cotton short-sleeve t-shirt.', 4, 7, 2),

(27, 'Clothes', 'adidas Men''s Clima Ultimate Short-Sleeve Training T-Shirt', 'images/clothes/Men/adidasmenshortsleeves2.jpg', 22, 'Built to take you through each phase of your workout, the adidas men''s CLIMA Ultimate short-sleeve', 4, 1, 2),

(28, 'Clothes', 'NIKE Men''s JDI Tank', 'images/clothes/Men/nikementank3.jpg', 28, 'Swear to never second guess your mad skills and throw on this NIKE men''s JDI Tank before breaking t', 5, 2, 2),

(29, 'Clothes', 'NIKE Men''s JDI Tank', 'images/clothes/Men/hurleymentank2.jpg', 20, 'Stamped with a pair of bold brand graphics, this HURLEY men''s One & Only Premium tank will grab you', 2, 9, 2),

(30, 'Clothes', 'COLUMBIA Men''s Watertight II Rain Jacket', 'images/clothes/Men/menrainjacket.jpg', 60, 'Wet weather doesn''t stand a chance against this COLUMBIA men''s WatertightII rain jacket.', 5, 10, 2),

(31, 'Clothes', 'NIKE Men''s KO Annihilator Hoodie', 'images/clothes/Men/Nikehoodie1.jpg', 42, 'When the weather cools, turn up the heat with this NIKE men''s KO Annihilator hoodie.', 4, 2, 2),

(32, 'Clothes', 'adidas Men''s Ultimate Fleece Pullover Hoodie', 'images/clothes/Men/Adidashoodie2.jpg', 40, 'Layer up with the adidas men''s Ultimate fleece pullover hoodie when there''s a chill in the air.', 5, 1, 2),

(33, 'Clothes', 'UNDER ARMOUR Men''s Armour Fleece Storm Big Logo Hoodie', 'images/clothes/Men/UAhoodie3.jpg', 55, 'The UNDER ARMOUR men''s Armour Fleece Big Logo hoodie is crafted with a Storm finish to repel water', 5, 6, 2),
(34, 'Clothes', 'THE NORTH FACE Men''s Canyonlands Insulated Softshell Jacket', 'images/clothes/Men/NFmenjacket1.jpg', 180, 'You''re not just outside as you dash from building to building, you work and play in the great outdoor', 6, 4, 2),
(35, 'Clothes', 'NIKE Men''s Speed Hybrid Thermore Jacket', 'images/clothes/Men/Nikemenjacket.jpg', 130, 'You''ll love the low-bulk design of this NIKE Speed Hybrid men''s jacket when you''re out.', 6, 2, 2),
(36, 'Clothes', 'COLUMBIA Men''s Grade Max Jacket', 'images/clothes/Men/Columbiamenjacket3.jpg', 99, 'Fortified with Omni-Wind Block and a heat-retaining Omni-Heat thermal reflective lining.', 6, 10, 2),
(37, 'Clothes', 'THE NORTH FACE Men''s TKA 100 Microvelour Glacier 1/4-Zip Fleece', 'images/clothes/Men/NFmenfleece1.jpg', 40, 'Cozy up with a classic! THE NORTH FACE men''s TKA 100 Glacier microvelour 1/4-zip fleece', 7, 4, 2),
(38, 'Clothes', 'COLUMBIA Men''s Fast Trek II Full-Zip Fleece Jacket', 'images/clothes/Men/Columbiamenfleece2.jpg', 50, 'The perfect companion for your everyday adventures, the COLUMBIA men''s Fast Trek II full-zip fleece.', 2, 10, 2),
(39, 'Clothes', 'Asics 56" x 80" PVC/Nylon Rain Poncho', 'images/clothes/Men/asicsmenrain1.jpg', 40, 'crafted with nylon laminated to vinyl for added protection from the elements. It features a visored ', 8, 6, 2),
(40, 'Clothes', 'COLUMBIA Men''s Glennaker Lake Rain Jacket', 'images/clothes/Men/Columbiamenrain2.jpg', 49, 'In changing weather conditions, grab the COLUMBIA men''s Glennaker Lake rain.', 8, 10, 2),
(41, 'Clothes', 'NIKE Men''s STK Lights Out II Baseball Pants', 'images/clothes/Men/nikemenpant1.jpg', 45, 'he NIKE men''s STK Lights Out II baseball pants pull sweat away from your skin.', 11, 2, 2),
(42, 'Clothes', 'UNDER ARMOUR Men''s Leadoff II Baseball Pants', 'images/clothes/Men/UAmenpant2.jpg', 40, 'Made from HeatGear fabric to keep you cool, dry and light, the UNDER ARMOUR men''s Leadoff.', 5, 6, 2),
(43, 'Clothes', 'NIKE Men''s Lights Out Baseball/Softball Pants', 'images/clothes/Men/nikemenpant2.jpg', 40, 'Perfect for game day, the NIKE men''s Lights Out baseball/softball pants.', 7, 2, 2),
(44, 'Clothes', 'NIKE Men''s LeBron Gravity Basketball Shorts', 'images/clothes/Men/Nikemenshort1.jpg', 45, 'Attack the blacktop with confidence in the NIKE men''s LeBron Gravity basketball shorts.', 8, 2, 2),

(46, 'Clothes', 'UNDER ARMOUR Men''s Big Timin'' Basketball Shorts', 'images/clothes/Men/UAmenshort2.jpg', 30, 'Hit the court in the UNDER ARMOUR men''s Big Timin'' basketball shorts.', 4, 6, 2),

(47, 'Clothes', 'NIKE Women''s Deep V-Neck Short-Sleeve T-Shirt', 'images/clothes/Women/Nwomenshortsleeve1.jpg', 19, 'Give your fellow gym-goers a little extra motivation with this NIKE womens sleeve.', 4, 2, 2),

(48, 'Clothes', 'adidas Women''s Ultimate V-Neck Short-Sleeve T-Shirt', 'images/clothes/Women/Awomenshortsleeve2.jpg', 17, 'Sure to become a staple in your workout wardrobe, the adidas women''s Ultimate v-neck t-shirt offers.', 5, 1, 2),

(49, 'Clothes', 'adidas Women''s Ultimate Long-Sleeve V-Neck T-Shirt', 'images/clothes/Women/Wlongsleeve1.jpg', 27, 'Think it''s impossible to look good in the middle of an intense workout? Try the adidas women''s.', 6, 1, 2),

(50, 'Clothes', 'NIKE Women''s Twist Styled Wrap', 'images/clothes/Women/wlongsleeve2.jpg', 72, 'Stand out before you even lace up your sneakers and go to work with NIKE s women''s Twist Styled.', 7, 2, 2),

(51, 'Clothes', 'adidas Women''s Stella McCartney Barricade 2 Tennis Tank', 'images/clothes/Women/adidaswtank1.jpg', 50, 'Give your game a big edge with the adidas women''s Stella McCartney Barricade 2 tennis tank.', 5, 1, 2),

(52, 'Clothes', 'NIKE Women''s Sculpt Printed Tank', 'images/clothes/Women/NikeWtank2.jpg', 18, 'This NIKE women''s Sculpt printed tank helps you go the distance with its moisture-wicking Dri-FIT', 6, 2, 2),

(53, 'Clothes', 'NIKE Women''s Bold Stripe Short-Sleeve Golf Polo', 'images/clothes/Women/NWshortsleeve1.jpg', 70, 'Play to your full potential in a NIKE women''s Bold Stripe short-sleeve golf polo.', 8, 1, 2),

(54, 'Clothes', 'COLUMBIA Women''s Freeze Degree Short-Sleeve Polo', 'images/clothes/Women/CWshortsleeve2.jpg', 50, 'Play to your full potential in a NIKE women''s Bold Stripe short-sleeve golf polo.', 8, 7, 2),

(55, 'Clothes', 'THE NORTH FACE Women''s Half Dome Hoodie', 'images/clothes/Women/NFWhoodie1.jpg', 45, 'Designed with athletic-inspired ribbing at the cuffs and hem, the women''s Half Dome hoodie.', 3, 4, 2),

(56, 'Clothes', 'UNDER ARMOUR Women''s Battle Hoodie', 'images/clothes/Women/UMWhoodie2.jpg', 40, 'Conquer your toughest workouts in the UNDER ARMOUR women''s Battle hoodie!', 6, 6, 2),

(57, 'Clothes', 'THE NORTH FACE Women''s Momentum Triclimate Jacket', 'images/clothes/Women/NFWrainjacket.jpg', 140, 'When it''s too warm for your

winter jacket, layering is the way to go. THE NORTH FACE women''s Moment.', 3, 4, 2),
(58, 'Clothes', 'COLUMBIA Women''s Arcadia Rain Jacket', 'images/clothes/Women/CWrainjacket2.jpg', 75, 'Don''t let inclement weather slow you down during your next adventure. The COLUMBIA Arcadia women''s', 3, 7, 2),
(59, 'Clothes', 'THE NORTH FACE Women''s Aconcagua Jacket', 'images/clothes/Women/NFWjacket1.jpg', 160, 'The women''s Aconcagua jacket from THE NORTH FACE provides unbeatable warmth.', 5, 4, 2),
(60, 'Clothes', 'COLUMBIA Women''s Mercury Maven II Jacket', 'images/clothes/Women/CWjacket2.jpg', 100, 'Mother Nature is no match for the COLUMBIA women''s Mercury Maven II jacket.', 5, 7, 2),
(61, 'Clothes', 'HURLEY Women''s Bandit Beachrider Shorts', 'images/clothes/Women/HWshort1.jpg', 30, 'Stop the heat from stealing your energy with a pair of HURLEY women''s Bandit shorts.', 9, 9, 2),
(62, 'Clothes', 'THE NORTH FACE Women''s Reversible Trunks', 'images/clothes/Women/NFshort2.jpg', 30, 'Get two great looks in one with THE NORTH FACE women''s reversible trunks!', 9, 4, 2),
(63, 'Clothes', 'THE NORTH FACE Women''s Paramount Valley Convertible Pants', 'images/clothes/Women/NFWpant1.jpg', 60, 'THE NORTH FACE women''s Paramount Valley convertible pants are newly updated.', 5, 4, 2),
(64, 'Clothes', 'THE NORTH FACE Women''s Paramount Valley Convertible Pants', 'images/clothes/Women/ColumbiaWpant2.jpg', 40, 'The sweat-wicking COLUMBIA women''s Aruba convertible pants are designed to be comfortable.', 5, 7, 2),
(65, 'Clothes', 'NIKE Boys'' KO 2.0 Multisport Graphic Pullover Hoodie', 'images/clothes/kids/NBhoodie1.jpg', 32, 'The NIKE boys'' KO 2.0 Multisport graphic pullover hoodie wards off the chill.', 5, 2, 2),
(66, 'Clothes', 'UNDER ARMOUR Boys'' Alter Ego Spider-Man Allover Graphic T-Shirt', 'images/clothes/kids/UABgraphictee1.jpg', 40, 'His quest for invincibility starts with the UNDER ARMOUR boys'' Alter Ego allover graphic t-shirt.', 5, 6, 2),
(67, 'Clothes', 'COLUMBIA Boys'' Windy Explorer Jacket', 'images/clothes/kids/ColumbiaBrjacket1.jpg', 30, 'The COLUMBIA boys'' Windy Explorer jacket wraps him in water-repellent protection.', 5, 7, 2),

(68, 'Clothes', 'NIKE Girls" Ultimate Protect Jacket',
'images/clothes/kids/NGirlsjacket1.jpg', 64, 'Sporty dudes will stay warm and dry in
this NIKE boys" Ultimate Protect jacket.', 5, 2, 2),
(69, 'Clothes', 'NIKE Girls" Just Do It Paint Brush Short-Sleeve T-Shirt',
'images/clothes/kids/Ngirlstshirt1.jpg', 14, 'She can show off some so-cute, so-
sporty style in this NIKE girls" Just Do.', 5, 2, 2),
(70, 'Clothes', 'UNDER ARMOUR Girls" Wordmark Graphic Short-Sleeve T-Shirt',
'images/clothes/kids/UAGthirt2.jpg', 16, 'Crafted with moisture-wicking Charged
Cotton fabric, the UNDER ARMOUR girls" wordmark graphic short.', 6, 6, 2),
(71, 'Clothes', 'THE NORTH FACE Toddler Girls" Insulated Snowdrift Bib',
'images/clothes/kids/kidsg.jpg', 80, 'If your young ski diva is just learning the ropes,
suit her up for success on the slopes.', 4, 4, 2),
(72, 'games', 'Butterfly Centrefold Rollaway 25', 'images/games/tt1.jpg', 1999, 'The
Butterfly Centrefold Rollaway 25 table tennis table was the official table of the
2004 and 2005.', 4, 8, 6),
(73, 'games', 'Kettler Top Star XL Outdoor Table Tennis Table',
'images/games/tt2.jpg', 499, 'The absolutely weatherproof Kettler Top Star XL
outdoor table tennis tables.', 4, 10, 6),
(74, 'games', 'Ping Pong Performance Four Player Table Tennis Set',
'images/games/ppbat1.jpg', 40, 'This four-player performance table tennis set from
Ping Pong is designed for high-quality play.', 4, 10, 6),
(75, 'games', 'Ping Pong Performance Two Player Racket Set',
'images/games/ppbat2.jpg', 20, 'The Ping Pong two-player racket set features two
rackets with concave handles and 5-ply blades.', 7, 10, 6),
(76, 'games', 'SKLZ Speedminton Super 16 Player Set', 'images/games/bt1.jpg', 339,
'Speedminton combines features of badminton, tennis and squash into a fun.', 9, 10,
6),
(77, 'games', 'Park & Sun Badminton Pro Set', 'images/games/bt2.jpg', 130, 'The
Park & Sun Badminton Pro Set can be set up in your backyard.', 16, 10, 6),
(78, 'games', 'Mizerak Donovan II 8" Slatron Billiard Table',
'images/games/billiard1.jpg', 1099, 'Designed with cool, contemporary features, the
Mizerak Donovan II 8" slatron billiard table.', 16, 10, 6),
(79, 'games', 'Mizerak Deluxe Billiard Balls', 'images/games/billiardballs.jpg', 60,
'The Mizerak Deluxe billiard ball set includes 15 pool balls and one cue ball.', 10, 8,
6),

(80, 'teamsports', 'NIKE Youth V-Touch Football', 'images/teamsports/Nfootball1.jpg', 60, 'With its refined shaping and soft-touch grip channels, this NIKE youth V-Touch football helps young', 8, 2, 5),

(81, 'teamsports', 'WILSON Official GST Leather Football', 'images/teamsports/Wilsonfootball2.jpg', 80, 'Practice playing with the WILSON Official GST leather football. WILSON replaced traditional laces.', 4, 2, 5),

(82, 'teamsports', 'Diamond Sports DLL Tournament Grade Little League Baseball by the Dozen', 'images/teamsports/baseball.jpg', 60, 'Diamond Sports DLL Tournament-Grade Little League baseballs are built for demanding situations, inc.', 5, 2, 5),

(83, 'teamsports', 'Trend Sports Heater Leather Pitching Machine Baseballs by the Dozen', 'images/teamsports/baseball2.jpg', 40, 'Recommended for the Heater Pitching Machines (sold separately), these Trend Sports Heater Leather B.', 10, 2, 5),

(84, 'teamsports', 'NIKE Strike Soccer Ball', 'images/teamsports/Nsoccerball1.jpg', 30, 'Dribble through a crowd and execute quick moves with confidence knowing this NIKE Strike soccer ball.', 9, 2, 5),

(85, 'teamsports', 'adidas F50 Messi Soccer Ball', 'images/teamsports/adidassoccerball2.jpg', 25, 'Inspired by superstar Lionel Messi, the adidas F50 Messi soccer ball bring performance.', 9, 1, 5),

(86, 'teamsports', 'EASTON Stealth 85S II Senior Ice Hockey Stick', 'images/teamsports/hockey1.jpg', 200, 'Rock the rink with this high-performance EASTON Stealth 85S II senior ice hockey stick!', 9, 10, 5),

(87, 'teamsports', 'EASTON Stealth 85S II Senior Ice Hockey Stick', 'images/teamsports/hockey2.jpg', 65, 'Rock the rink with this high-performance EASTON Stealth 85S II senior ice hockey stick!', 9, 6, 5),

(88, 'teamsports', 'EASTON Stealth 65S Senior Ice Hockey Skates', 'images/teamsports/skate1.jpg', 200, 'These EASTON Stealth 65S senior ice hockey skates boast thermoformable.', 10, 6, 5),

(89, 'teamsports', 'Tour TR-700 Ice Hockey Skate', 'images/teamsports/skate2.jpg', 51, 'The Tour TR-700 ice hockey skate is crafted with reinforced quarter panels, a brushed tricot lining.', 11, 6, 5),

(90, 'teamsports', 'Gray-Nicolls Plastic Cricket Set', 'images/teamsports/cricket1.jpg', 80, 'Ideal for kids and recreational play, the Gray-Nicolls Lazer cricket set includes 2 plastic cricket.', 9, 6, 5),

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

(91, 'teamsports', 'Slazenger Hyper Blade Xtreme Cricket Bat',
'images/teamsports/cricket2.jpg', 375, 'The Slazenger Hyper Blade Xtreme cricket
bat is traditionally crafted and pressed to deliver optimum.', 5, 6, 5),
(92, 'accessories', 'THE NORTH FACE USA Base Camp Crimp Backpack',
'images/accessories/NFbag1.jpg', 99, 'THE NORTH FACE USA Base Camp Crimp
backpack hauls your gear in your country''s colors for a dose.', 5, 2, 4),
(93, 'accessories', 'UNDER ARMOUR Parralux Storm Backpack',
'images/accessories/UAbackpack2.jpg', 120, 'Designed for the long haul, UNDER
ARMOUR''s Parralux Storm backpack is loaded with all the features.', 7, 6, 4),
(94, 'accessories', 'adidas Climacool Strength III Pack',
'images/accessories/adidasbackpack3.jpg', 70, 'If you hit the gym after a long day at
the office, you''ll love the comfort and convenience.', 8, 1, 4),
(95, 'accessories', 'NIKE Brasilia 6 Duffel Bag - Medium',
'images/accessories/nikegymbag1.jpg', 30, 'Head off to the gym or team practice
with the NIKE Brasilia 6 medium duffel bag.', 10, 2, 4),
(96, 'accessories', 'UNDER ARMOUR Camden Duffel - Medium',
'images/accessories/UAgymbag2.jpg', 70, 'Confidently secure every necessity when
you''re on the move with the UNDER ARMOUR Camden medium duff.', 6, 6, 4),
(97, 'accessories', 'adidas Alliance Sport Sack Pack',
'images/accessories/adidascamopack1.jpg', 16, 'The Alliance Sport sack pack from
adidas features a large main compartment with a drawstring closure.', 10, 1, 4),
(98, 'accessories', 'THE NORTH FACE Sack Pack',
'images/accessories/NFcamopack2.jpg', 20, 'Keep the day''s essentials conveniently
close with this THE NORTH FACE sack pack!', 9, 4, 4),
(99, 'accessories', 'adidas Weekend Warrior Cap', 'images/accessories/acap1.jpg', 18,
'The adidas Weekend Warrior cap is built tough to go wherever you go during your
off-the-clock.', 9, 1, 4),
(100, 'accessories', 'COLUMBIA Kids'' Bora Bora Jr. II Booney Hat',
'images/accessories/ccap2.jpg', 30, 'The COLUMBIA Bora Bora Jr. II booney hat is
the perfect way for kids to stay protected from the sunlight.', 9, 7, 4),
(101, 'accessories', 'THE NORTH FACE USA Mountain Scarf',
'images/accessories/scarf1.jpg', 40, 'THE NORTH FACE USA Mountain scarf tops
off your winter wardrobe in your country''s colors.', 10, 4, 4);

--
-- Triggers `product`

```
--
DROP TRIGGER IF EXISTS `lowinvent`;
DELIMITER //
CREATE TRIGGER `lowinvent` AFTER UPDATE ON `product`
 FOR EACH ROW BEGIN
            IF  NEW.stockavailable <  5 THEN
                    INSERT IGNORE INTO lowinventory (productid) values
(NEW.productid);
            END IF;
END
//
DELIMITER ;


-- ---------------------------------------------------------


--
-- Table structure for table `user`
--

CREATE TABLE IF NOT EXISTS `user` (
  `userid` int(11) NOT NULL AUTO_INCREMENT,
  `email` varchar(200) NOT NULL,
  `password` varchar(15) NOT NULL,
  `firstname` char(15) NOT NULL,
  `lastname` char(15) NOT NULL,
  `isadmin` tinyint(1) NOT NULL DEFAULT '0',
  `phone` int(10) NOT NULL,
  PRIMARY KEY (`userid`),
  UNIQUE KEY `email` (`email`)
) ENGINE=InnoDB  DEFAULT CHARSET=latin1 AUTO_INCREMENT=6 ;


--
-- Dumping data for table `user`
--
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```
INSERT INTO `user` (`userid`, `email`, `password`, `firstname`, `lastname`,
`isadmin`, `phone`) VALUES
(1, 'silpa@sportsera.com', 'hello', 'Silpa', 'Nandipati', 1, 2147483647),
(2, 'goutham@sportsera.com', 'test', 'Goutham', 'Damalcheruvu', 0, 2147483647),
(3, 'srinu@sportsera.com', 'test', 'Srinu', 'Nandipati', 0, 2147483647),
(4, 'lakshmi@yahoo.com', 'test', 'Lakshmi', 'Bommareddy', 0, 2147483647),
(5, 'vamsi@yahoo.com', 'test', 'vamsi', 'Bollareddy', 0, 2147483647);


-- --------------------------------------------------------


--
-- Table structure for table `user_address`
--

CREATE TABLE IF NOT EXISTS `user_address` (
  `userid` int(11) NOT NULL,
  `addressid` int(11) NOT NULL,
  PRIMARY KEY (`userid`,`addressid`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;


--
-- Dumping data for table `user_address`
--

INSERT INTO `user_address` (`userid`, `addressid`) VALUES
(1, 1),
(2, 2),
(3, 3),
(4, 6),
(5, 11);


--
-- Constraints for dumped tables
--


--
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```
-- Constraints for table `comments`
--
ALTER TABLE `comments`
  ADD CONSTRAINT `comments_ibfk_1` FOREIGN KEY (`userid`)
REFERENCES `user` (`userid`),
  ADD CONSTRAINT `comments_ibfk_2` FOREIGN KEY (`productid`)
REFERENCES `product` (`productid`);


--
-- Constraints for table `lowinventory`
--
ALTER TABLE `lowinventory`
  ADD CONSTRAINT `lowinventory_ibfk_1` FOREIGN KEY (`productid`)
REFERENCES `product` (`productid`);


--
-- Constraints for table `onlineorderitems`
--
ALTER TABLE `onlineorderitems`
  ADD CONSTRAINT `onlineorderitems_ibfk_1` FOREIGN KEY (`orderid`)
REFERENCES `onlineorders` (`orderid`),
  ADD CONSTRAINT `onlineorderitems_ibfk_2` FOREIGN KEY (`productid`)
REFERENCES `product` (`productid`);


--
-- Constraints for table `product`
--
ALTER TABLE `product`
  ADD CONSTRAINT `product_ibfk_1` FOREIGN KEY (`categoryid`)
REFERENCES `category` (`categoryid`),
  ADD CONSTRAINT `product_ibfk_2` FOREIGN KEY (`manufacturerid`)
REFERENCES `manufacturer` (`manufacturerid`);

/*!40101 SET
CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
```

```
/*!40101 SET
CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET
COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

4. Code to display the queries on the browser, computer screen or mobile device

```php
require_once 'lib.php'; //includes header,lib and makes connection with db.
require_once 'db.php';
require_once 'header.php';
?>

                    <div id="PageSection">
                      <?php
                         if (isset($_GET['error'])) {
                                    echo "Error in registration\n";
                              }
                        ?>
                        <!-- Registration Form to be filled while signing up !-->
                    <form name="registerblock" method="post"
action="SignUp.php">
                         Email : <input type="text" size="30px" id="email"
name="email" /> <br></br>
                         Password : <input type="password" name="password"
size="30px" id="password" /> <br></br>
                         First Name :  <input type="text" id="firstname" size="30px"
name="firstname" /> <br></br>
                         Last Name :  <input type="text" id="lastname" size="30px"
name="lastname" /> <br></br>
                                        Street :   <input type="text"
id="street" size="30px" name="street" /> <br></br>
```

94

City : <input type="text" id="city" size="30px" name="city" />
</br>

State : <input type="text" id="state" size="30px" name="state" />
</br>

ZipCode : <input type="text" id="zipcode" size="30px" name="zipcode" maxlength="10"/>
</br>

phone : <input type="text" id="phone" size="30px" name="phone" maxlength="10"/>
</br>

<button id="b2" type="button" class="button" onclick="Validate2()" >SIGN UP</button>

</form>

</div>

<!--includes footer to the web page.--!>

<?php require_once 'footer.php';?>

<?php

require_once 'lib.php';

require_once 'header.php';

?>

<div id="PageSection">

</br>

<div id="search">

<form action="Search.php" method="post">

Search: <input type="text" id="term" name="term" /> <!-- option to enter the search pattern-->

<input type="submit" name="submit" value="Submit" />

</form>

</br>

</div>

<?php

$term = isset($_POST['term'])?$_POST['term']:null;

 //Search query to search the products based on name,description,category, and manufacturer.

 $sql = mysql_query("select p.productid, p.productname, p.image, p.price, p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable

SANTA CLARA UNIVERSITY

THE JESUIT UNIVERSITY IN SILICON VALLEY

from product as p, category as c, manufacturer as m
 where (p.productname like '%$term%' or p.productdescription like '%$term%' or
c.categorytype like '%$term%' or m.manufacturername like '%$term%') and
p.productid = p.productid and p.categoryid = c.categoryid and p.manufacturerid =
m.manufacturerid order by p.productid");

echo mysql_error();
 echo '<form method="post" action="placeorder.php">';
  while ($row = mysql_fetch_array($sql)){

        //Displays the name, productid, stockavailable.
    echo '<div class="individualproduct">';
    echo "";
        echo "<img class=\"productimage\" src=\"{$row['image']} \" >";
        echo "<div>Product: {$row['productname']}</div>";
        echo "<div>Description: {$row['productdescription']}</div>";
        echo "<div>Price: \${$row['price']}.00</div>";
        echo "<div>Quantity In Stock: {$row['stockavailable']}</div>";
        echo '';
        echo 'Quantity for order: <input type="number" name="'.$row['productid'].'"
min="0" max="'.$row['stockavailable'].'">';
        echo '</div>';
        echo '
</br>';
    echo '
</br>';
}
$address = array('addressid'=>'', 'addressline1'=>'', 'addressline2' => '', 'city' => '',
'state' => '', 'zipcode' => '');
if (isUserLoggedin()) {
        $sql = "select u.addressid , a.addressline1 , a.addressline2, a.city , a.state,
a.zipcode from user_address as u , address as a where u.addressid = a.addressid and
u.userid = ".getLoggedInUserId();
        $result = mysql_query($sql);
        $address = mysql_fetch_assoc($result);
}
 //gets and displays all the address details of the logged in user else asks for
nonmember to enter details

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```php
echo '<br></br>';
echo '<div>';
echo '<h3>Shipping address </h3>';
echo '<p><input type="hidden" name="addressid" value="'.$address['addressid'].'"
></p>';
echo '<p>Address line 1  <input type="text" name="addressline1"
value="'.$address['addressline1'].'" ></p>';
echo '<p>Address line 2<input type="text" name="addressline2"
value="'.$address['addressline2'].'" ></p>';
echo '<p>City
           &n
bsp;  <input type="text" name="city" value="'.$address['city'].'"
></p>';
echo '<p>State
           &n
bsp; <input type="text" name="state" value="'.$address['state'].'" ></p>';
echo '<p>Zipcode
          <input
type="text" name="zipcode" value="'.$address['zipcode'].'"></p>';
echo '<p>Credit card #   <input type="text" name="creditcard"
value=" "></p>';
echo '</div>';

echo '<button id="placeorder" type="submit" class="button" >Place order
</button>';
echo '</form>';
echo '<br></br>';

?>
</div>


<?php require_once 'footer.php';?>


<?php
require_once 'lib.php';
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```php
//Allows user to post reviews for the product.
if (isset($_POST) && isset($_POST['productid']) && isset($_POST['review']) &&
isUserLoggedin()) {
        $sql = " insert into comments (userid, productid, comment) values (
".getLoggedInUserId().", {$_POST['productid']}, '{$_POST['review']}') on
duplicate key update comment='{$_POST['review']}'";
        $result = mysql_query($sql);
        if ($result) {
                header('Location: product.php?productid='.$_POST['productid']);
                return;
        }
}
if (!isset($_GET['productid'])) {
    //Searches and displays each product which was searched from the UI
        header ('Location: Search.php') ;
} else {
        $sql = mysql_query("select p.productid, p.productname,  p.image, p.price,
p.productdescription , m.manufacturername , m.URL, c.categorytype from product
as p, manufacturer as m , category as c  where p.manufacturerid = m.manufacturerid
and p.categorytype = c.categorytype and p.productid = {$_GET['productid']}");
        if (!$sql) {
                header ('Location: Search.php') ;
        }
        $product = mysql_fetch_array($sql);
        if (!$product) {
                header ('Location: Search.php') ;        //Leads to search page.
        }
        $reviews = array();
        $sql = mysql_query("select c.commentid, c.comment , u.firstname,
u.lastname from comments as c , user as u where c.userid = u.userid and c.productid
= {$product['productid']}");
        if ($sql) {
                while($row = mysql_fetch_array($sql)) {
                        $reviews[] = $row;
                }
        }
```

```php
}
require_once 'header.php';
?>
<div id="PageSection">
<!-- Displays each product with its
name,price,productdescription,productimage,manufacturername,categorytype -->
<div class="productpage"> <img alt="" class="individualproductimage"
src="<?php echo $product['image']?>"></div>
<div>Name: <?php echo $product['productname']?></div>
<div>Price: <?php echo $product['price']?></div>
<div>Description:<?php echo $product['productdescription']?></div>
<div>Manufacturer: <?php echo $product['manufacturername']?></div>
<div>Category: <?php echo $product['categorytype']?></div>
<div>Manufacturer website: <?php echo $product['URL']?></div>

<?php
    foreach ($reviews as $review) {
        ?>
        <!-- Displays user who has commented along with his firstname and
lastname-->
        <div class="reviews">
            <div> <?php echo $review['firstname']." ".$review['lastname']?>
Says: <?php echo $review['comment']?> </div>
        </div>

        <?php
    }

    if (isUserLoggedin()) {
?>
<div class="reviews">
<form method="post" action="product.php">
    <p>
    <!-- Form to enter review for each product-->
    <b>Enter your review. </b>
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```
        <input type="hidden" name="productid" value=<?php echo
$_GET['productid']?>>
        <input type="text" name="review" size="40">
        <button id="reviewbutton" type="submit" class="button" >Post review
</button>
        </p>
</form>
</div>
<?php

            }
?>
</div>
<?php
require_once 'footer.php';


<?php
require_once 'lib.php';
require_once 'header.php';
?>
<div id="PageSection">
<br></br>
<div id="shoes">
<!--
<form action="Search.php" method="post">
Search: <input type="text" id="term" name="term" />
<input type="submit" name="submit" value="Submit" />
-->
<form>
</form>
<br></br>
</div>
<?php


$term = isset($_POST['term'])?$_POST['term']:null;
 //Search query to search the products based on name,description,category, and
manufacturer.
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```php
$sql = mysql_query("select p.productid, p.productname, p.image, p.price,
p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable
 from product as p, category as c, manufacturer as m
 where (p.productname like '%$term%' or p.productdescription like'%$term%' or
c.categorytype like '%$term%' or m.manufacturername like '%$term%') and
p.productid = p.productid and p.categoryid = 3 and p.categoryid = c.categoryid and
p.manufacturerid = m.manufacturerid order by p.productid");


 echo mysql_error();
 echo '<form method="post" action="placeorder.php">';
 while ($row = mysql_fetch_array($sql)){


     //Displays the name, productid, stockavailable.
   echo '<div class="individualproduct">';
   echo "<a href=\"product.php?productid={$row['productid']}\">";
       echo "<img class=\"productimage\" src=\"{$row['image']} \" >";
       echo "<div>Product: {$row['productname']}</div>";
       echo "<div>Description: {$row['productdescription']}</div>";
       echo "<div>Price: \${$row['price']}</div>";
       echo "<div>Quantity In Stock: {$row['stockavailable']}</div>";
       echo '</a>';
       echo 'Quantity for order: <input type="number" name="'.$row['productid'].'"
min="0" max="'.$row['stockavailable'].'">';
       echo '</div>';
       echo '<br></br>';
   echo '<br></br>';
 }
$address = array('addressid'=>'', 'addressline1'=>'', 'addressline2' => '', 'city' => '',
'state' => '', 'zipcode' => '');
if (isUserLoggedin()) {
     $sql = "select u.addressid , a.addressline1 , a.addressline2, a.city , a.state,
a.zipcode from user_address as u , address as a  where u.addressid = a.addressid and
u.userid = ".getLoggedInUserId();
     $result = mysql_query($sql);
     $address = mysql_fetch_assoc($result);
     }
```

```php
    //gets and displays all the address details of the logged in user else asks for
nonmember to enter details
echo '<br></br>';
echo '<div>';
echo '<h3>Shipping address </h3>';
echo '<p><input type="hidden" name="addressid" value="'.$address['addressid'].'"
></p>';
echo '<p>Address line 1  <input type="text" name="addressline1"
value="'.$address['addressline1'].'" ></p>';
echo '<p>Address line 2<input type="text" name="addressline2"
value="'.$address['addressline2'].'" ></p>';
echo '<p>City
              <input type="text" name="city" value="'.$address['city'].'"
></p>';
echo '<p>State
             <input type="text" name="state" value="'.$address['state'].'" ></p>';
echo '<p>Zipcode
          <input
type="text" name="zipcode" value="'.$address['zipcode'].'"></p>';
echo '<p>Credit card #   <input type="text" name="creditcard"
value=" "></p>';
echo '</div>';

echo '<button id="placeorder" type="submit" class="button" >Place order
</button>';
echo '</form>';
echo '<br></br>';

?>
</div>


<?php require_once 'footer.php';?>
<?php
```

```php
require_once 'lib.php';
require_once 'db.php';

//Gets all the details posted from the Ui and saves them in variables.
$email = $_POST['email'];
$password=$_POST['password'];
$firstname=$_POST['firstname'];
$lastname=$_POST['lastname'];
$street=$_POST['street'];
$city=$_POST['city'];
$state=$_POST['state'];
$zipcode=$_POST['zipcode'];
$isadmin=$_POST['isadmin'];
$phone=$_POST['phone'];

//selects email and compares with the email enetered while logging in.
$query = "SELECT * FROM user WHERE email='$email' ";
$result = mysql_query($query) or die(mysql_error());

if (mysql_num_rows($result) )
{
   header ('Location: UserExists.php') ; // Redirects to Userexists page.
}
else
{
      mysql_query("SET AUTOCOMMIT=0");
      mysql_query("START TRANSACTION");
        //Starts transaction.
      $result1 = mysql_query("INSERT INTO address (addressline1, city, state,
zipcode) values ('{$street}', '{$city}','{$state}',$zipcode)");
      if ($result1){
            $addressid = mysql_insert_id();
            $result2 = mysql_query("INSERT INTO user (email, password,
firstname,lastname, phone) VALUES ('$email',
'$password','$firstname','$lastname',$phone)");
                if ($result2) {
```

```php
                $userid = mysql_insert_id();
                $sql = "INSERT INTO user_address (userid, addressid) values
($userid , $addressid)";
                $result3 = mysql_query($sql);
                if (!$result3) {
                        echo mysql_error();   //If error rollBack
                }
        } else {
                echo mysql_error();
        }

    }

    if ($result1 && $result2 && $result3) {
            mysql_query("COMMIT");          //Commits the trasaction
            header ('Location: index.php?success=1') ;
    } else {
            mysql_query("ROLLBACK");        //rollsback when an error occurs
            header ('Location: register.php?error=1') ;
    }



}
<?php
require_once 'lib.php';
require_once 'header.php';
?>
<div id="PageSection">
<br></br>
<div id="shoes">
<!--
<form action="Search.php" method="post">
Search: <input type="text" id="term" name="term" />
<input type="submit" name="submit" value="Submit" />
-->
```

```php
<form>
</form>
<br></br>
</div>
<?php

$term = isset($_POST['term'])?$_POST['term']:null;
 //Search query to search the products based on name,description,category, and
manufacturer.
 $sql = mysql_query("select p.productid, p.productname, p.image, p.price,
p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable
 from product as p, category as c, manufacturer as m
 where (p.productname like '%$term%' or p.productdescription like'%$term%' or
c.categorytype like '%$term%' or m.manufacturername like '%$term%') and
p.productid = p.productid and p.categoryid = 5 and p.categoryid = c.categoryid and
p.manufacturerid = m.manufacturerid order by p.productid");

 echo mysql_error();
 echo '<form method="post" action="placeorder.php">';
 while ($row = mysql_fetch_array($sql)){

        //Displays the name, productid, stockavailable.
    echo '<div class="individualproduct">';
    echo "<a href=\"product.php?productid={$row['productid']}\">";
        echo "<img class=\"productimage\" src=\"{$row['image']} \" >";
        echo "<div>Product: {$row['productname']}</div>";
        echo "<div>Description: {$row['productdescription']}</div>";
        echo "<div>Price: \${$row['price']}</div>";
        echo "<div>Quantity In Stock: {$row['stockavailable']}</div>";
        echo '</a>';
        echo 'Quantity for order: <input type="number" name="'.$row['productid'].'"
min="0" max="'.$row['stockavailable'].'">';
        echo '</div>';
        echo '<br></br>';
    echo '<br></br>';
}
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```php
$address = array('addressid'=>'', 'addressline1'=>'', 'addressline2' => '', 'city' => '',
'state' => '', 'zipcode' => '');
if (isUserLoggedin()) {
    $sql = "select u.addressid , a.addressline1 , a.addressline2, a.city , a.state,
a.zipcode from user_address as u , address as a  where u.addressid = a.addressid and
u.userid = ".getLoggedInUserId();
    $result = mysql_query($sql);
    $address = mysql_fetch_assoc($result);
    }
 //gets and displays all the address details of the logged in user else asks for
nonmember to enter details
echo '<br></br>';
echo '<div>';
echo '<h3>Shipping address </h3>';
echo '<p><input type="hidden" name="addressid" value="'.$address['addressid'].'"
></p>';
echo '<p>Address line 1  <input type="text" name="addressline1"
value="'.$address['addressline1'].'" ></p>';
echo '<p>Address line 2<input type="text" name="addressline2"
value="'.$address['addressline2'].'" ></p>';
echo '<p>City
              <input type="text" name="city" value="'.$address['city'].'"
></p>';
echo '<p>State
             <input type="text" name="state" value="'.$address['state'].'" ></p>';
echo '<p>Zipcode
          <input
type="text" name="zipcode" value="'.$address['zipcode'].'"></p>';
echo '<p>Credit card #   <input type="text" name="creditcard"
value=" "></p>';
echo '</div>';

echo '<button id="placeorder" type="submit" class="button" >Place order
</button>';
```

```
echo '</form>';
echo '<br></br>';


?>
</div>



<?php require_once 'footer.php';?>
<?php
require_once 'lib.php';
require_once 'db.php';
require_once 'header.php';
 ?>
        <!--Error message -->
                <div id="PageSection">
                <h4> Sorry! User with this Email already Exists! </h4>
                <h2> Please try to Sign up with a different Email. </h2>
                </div>
<?php
require_once 'footer.php';
?>
function Validate1()
{
     //Used for verifying whether the details entered are null or not
   var p=document.forms["ValidateLogin"]["email"].value;
     var q=document.forms["ValidateLogin"]["password"].value;
     if (p==null || p==""|| q==null || q=="")
     {
        alert("All the Fields should be filled up!!");
         return false;
     }

      else
      {
                ValidateLogin.submit(); // Submits the form 'ValidateLogin'
details if not empty.
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```
        }

}
function Validate2()
{
    //this function to check if fields are empty while signing up.
    var p=document.forms["registerblock"]["email"].value;
        var q=document.forms["registerblock"]["password"].value;
        var r=document.forms["registerblock"]["firstname"].value;
        var s=document.forms["registerblock"]["lastname"].value;
        var t=document.forms["registerblock"]["street"].value;
    var u=document.forms["registerblock"]["city"].value;
    var v=document.forms["registerblock"]["zipcode"].value;
        var x=document.forms["registerblock"]["state"].value;
    var y=document.forms["registerblock"]["phone"].value;
            if (p==null || p==""|| q==null || q==""||r==null || r==""||s==null ||
s==""||t==null || t==""||u==null || u==""||v==null || v=="" || x==null || x=="" ||
y==null ||y=="")
            {
            alert("All the Fields should be filled up!!");
                        return false;
                        }
                        else
                        {
                        registerblock.submit(); // Submits the form 'registerblock'
details if not empty.
                        }
}

<?php
session_start();
require_once 'db.php';
function isAdmin() {  //function to check if he is a admin
        return isset($_SESSION['isadmin']);
}
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```php
function isUserLoggedin() {  //function to check if the user has logged in
      return isset($_SESSION['userid']);
}


function getLoggedInUserId() { //function to get userid of loggedin user .
      if (isUserLoggedin()) {
              return $_SESSION['userid'];
      }
      return false;
}
<?php
session_start();          //Starting the session for the registered or admin as user.
$_SESSION = array();
header ('Location: index.php') ; // Adding Logout option under menu bar.
<?php
require_once 'lib.php';
require_once 'db.php';
require_once 'header.php';
 ?>
          <!--Error message -->
                      <div id="PageSection">
                      <h4> Sorry! User with this Email already Exists!! </h4>
                      <h2> Please try to Sign up with a different Email. </h2>
                      </div>
<?php
require_once 'footer.php';
?>

/*defines the body details*/
body {
      margin:0;
      font-size: 20px;
      font-family: verdana;
      color: white;
      margin:0;
      height:100%;
```

```css
            padding-left: 300px;
            padding-right: 285px;
            background-color: #CCC;
}


/*Main container div for the page*/
#Container
{
   margin: 0 ;
   width : auto;
        height: auto;
        height : 100%;
        min-height:100%;


}
/*Class for the products*/
product
{
        padding:5px;
        text-align:left;
}
/*defines image size for products*/
#productimage
{
        display:block;
    height:170px;
        width:170px;
    float:left;
        border:1px solid black;
}
#title
{
    float:right;
        border : 1px solid black;
}
```

```css
#Content
{
   width : auto;
        height: auto;
        height : 100%;
        min-height:100%;
        background-color: white;
}
/*class for main menu*/
.Menu
{
   list-style:none;
        width:100%;
        color:white;
        padding:0px;
        margin:0px;
}

/*Defines menu list*/
.Menu li a
{
    display:block;
        padding:5px;
        border: 2px solid #ddd;
        border-bottom : 1px solid #ddd;
        text-decoration:none;
        font:1em Georgia;
        color:white;
}
.Menu li a:hover
{
   background:grey;
}

#MenuBar
{
```

```
            width : 20%;

            height : 100%;

            background-color: #333;
            opacity: 7px;
            float: left;
}

/* Main pagesection with dynamically changing data */
#PageSection
{
  width : 80%;
  height : auto;
  float : left;
  font-size:15px;
  text-align:center;
  color: #FF0000;
}

/*defines header of the web page*/
#Header
{
  height : 300px;
  font-size: 30px;
  color:#F00;
  background-color: #FFF;
  padding-top:10px;
  padding-right:20px;
  /*text-decoration:line-through;*/
  text-align:right;
  letter-spacing:5px;
  background-image:url('images/slider.jpg');
  background-repeat:no-repeat;
  border: 2px solid #333;
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```css
}

/*Defines footer of the web page*/
#Footer
{
  clear:both;
  height:40px;
  background-color:#333333;
  text-align:center;
  padding-top:5px;
  padding-bottom:5px;
  font-size:14px;

}

.productimage
{
        width:100px;
        float:left;
}

#search
{
        padding:15px;
        font-size:20px;
        font-family:helvetica;

}

#individualproduct
{
        float:left;
        color:#000;
        text-align:center;
        width:100%;
        padding:5px;
```

11

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```css
        padding-bottom:20px;
}
.productpage
{
        float:left;
        text-align:left;
}
/*class for individual image
.individualproductimage
{
        width:200px;


}

/*class for reviews*/
.reviews
{
        clear:both;
}
```

```php
<?php
require_once 'lib.php';
require_once 'db.php';   //establishes the db_connection from php
require_once 'header.php'; //includes options for header
if (isUserLoggedin()) {
        $userid = getLoggedInUserId();
} else {
        $userid = 'NULL';
}
$orderitems = array();
foreach($_POST as $key=>$value) {
        if (is_int($key)) {
                $orderitems[$key] = $value;      //gets the title,description or any other
search factor.
        }
}
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```php
if (empty($orderitems)) {
        header ('Location: Search.php') ;   // returns to search page if there are no
items.
        return;
}

if (!$_POST['addressid'] == 0) {
        $addressid = $_POST['addressid'];
} else {
        $sql = "insert into address (addressline1, addressline2, city, state, zipcode )
values ('{$_POST['addressline1']}','{$_POST['addressline2']}', '{$_POST['city']}' ,
'{$_POST['state']}', {$_POST['zipcode']})";
        $result = mysql_query($sql);
        $addressid = mysql_insert_id();
}

//generate orderid.

$sql = "insert into onlineorders (userid, addressid, ordereddate) values (
$userid,$addressid, CURRENT_DATE())";
mysql_query($sql);
$orderid = mysql_insert_id();

foreach ($orderitems as $productid => $quantity) {
        if (isUserLoggedin()) {
                $multiplefactor = 0.95; // provides 5% discount for registered user
        } else {
                $multiplefactor = 1;  //If not a member, no discount and the price
remains the same.
        }
        //inserts values into onlineorder table when a customer makes an order.
        $sql = "insert into onlineorderitems ( orderid, productid, price, quantity)
values ( $orderid, $productid, (select price * $multiplefactor  from product where
productid = $productid ) , $quantity )";
        mysql_query($sql);
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```php
        //update the stockavaliable in the product table which further helps in trigger.
        $sql = "update product set stockavailable = stockavailable - $quantity where
productid = $productid";
        mysql_query($sql);
}
$sql2="select sum(price) from onlineorderitems where orderid=$orderid";
$result= mysql_query($sql2);
$row = mysql_fetch_row($result);
//If registered user, gets the registered details while signing up
//If not a memeber, asks user to enter address

//credit card info is asked by both kind of members.
$sql2="select * from address where addressid =$addressid";
$result= mysql_query($sql2);
$addressrow = mysql_fetch_assoc($result);
$address = isset($addressrow['nickname'])?$addressrow['nickname']:'';
$test = isset($addressrow['addressline1'])?$addressrow['addressline1']:'';
$address =
$address."<br>".(isset($addressrow['addressline1'])?$addressrow['addressline1']:'');
$address =
$address."<br>".(isset($addressrow['addressline2'])?$addressrow['addressline2']:'');
$address = $address."<br>".(isset($addressrow['city'])?$addressrow['city']:'');
$address = $address."<br>".(isset($addressrow['state'])?$addressrow['state']:'');
$address =
$address."<br>".(isset($addressrow['zipcode'])?$addressrow['zipcode']:'');
?>
<!-- Displays Order summary!-->
<div id="PageSection">
<h3>Your order is submitted</h3>
<h2>Order summary</h2>
<h3>Order id : <?php echo $orderid?></h3>
<h3>Price : <?php echo number_format((float)$row[0], 2, '.', '')?></h3>
<h3>Shpping Address : <?php echo $address?></h3>
</div>

<?php
```

```php
<?php
require_once 'lib.php';
require_once 'header.php';
?>
<div id="PageSection">
<br></br>
<div id="shoes">
<!--
<form action="Search.php" method="post">
Search: <input type="text" id="term" name="term" />
<input type="submit" name="submit" value="Submit" />
-->
<form>
</form>
<br></br>
</div>
<?php

$term = isset($_POST['term'])?$_POST['term']:null;
 //Search query to search the products based on name,description,category, and
manufacturer.
 $sql = mysql_query("select p.productid, p.productname, p.image, p.price,
p.productdescription, p.categoryid, p.manufacturerid, p.stockavailable
 from product as p, category as c, manufacturer as m
 where (p.productname like '%$term%' or p.productdescription like'%$term%' or
c.categorytype like '%$term%' or m.manufacturername like '%$term%') and
p.productid = p.productid and p.categoryid = 6 and p.categoryid = c.categoryid and
p.manufacturerid = m.manufacturerid order by p.productid");

 echo mysql_error();
 echo '<form method="post" action="placeorder.php">';
 while ($row = mysql_fetch_array($sql)){

     //Displays the name, productid, stockavailable.
   echo '<div class="individualproduct">';
   echo "<a href=\"product.php?productid={$row['productid']}\">";
```

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

```php
        echo "<img class=\"productimage\" src=\"{$row['image']} \" >";
        echo "<div>Product: {$row['productname']}</div>";
        echo "<div>Description: {$row['productdescription']}</div>";
        echo "<div>Price: \${$row['price']}</div>";
        echo "<div>Quantity In Stock: {$row['stockavailable']}</div>";
        echo '</a>';
        echo 'Quantity for order: <input type="number" name="'.$row['productid'].'"
min="0" max="'.$row['stockavailable'].'">';
        echo '</div>';
        echo '<br></br>';
    echo '<br></br>';
}
$address = array('addressid'=>'', 'addressline1'=>'', 'addressline2' => '', 'city' => '',
'state' => '', 'zipcode' => '');
if (isUserLoggedin()) {
        $sql = "select u.addressid , a.addressline1 , a.addressline2, a.city , a.state,
a.zipcode from user_address as u , address as a  where u.addressid = a.addressid and
u.userid = ".getLoggedInUserId();
        $result = mysql_query($sql);
        $address = mysql_fetch_assoc($result);
        }
 //gets and displays all the address details of the logged in user else asks for
nonmember to enter details
echo '<br></br>';
echo '<div>';
echo '<h3>Shipping address </h3>';
echo '<p><input type="hidden" name="addressid" value="'.$address['addressid'].'"
></p>';
echo '<p>Address line 1  <input type="text" name="addressline1"
value="'.$address['addressline1'].'" ></p>';
echo '<p>Address line 2<input type="text" name="addressline2"
value="'.$address['addressline2'].'" ></p>';
echo '<p>City
           &n
bsp;  <input type="text" name="city" value="'.$address['city'].'"
></p>';
```

11

```php
echo '<p>State
            <input type="text" name="state" value="'.$address['state'].'" ></p>';
echo '<p>Zipcode
          <input type="text" name="zipcode" value="'.$address['zipcode'].'"></p>';
echo '<p>Credit card #   <input type="text" name="creditcard" value=" "></p>';
echo '</div>';

echo '<button id="placeorder" type="submit" class="button" >Place order </button>';
echo '</form>';
echo '<br></br>';

?>
</div>


<?php require_once 'footer.php';?>
                </div>
                <!--Footer details-->
                <div id="Footer">
                Copyright @ 2014 Sportsera
              </br>All Rights Reserved
                </div>
            </div>
          </body>
          </html>
require_once 'footer.php';
```

4. Screen captures of all your code in execution

SCREEN CAPTURES ON EXECUTION
1.Home Page:

SANTA CLARA UNIVERSITY

THE JESUIT UNIVERSITY IN SILICON VALLEY

- Screen shot 1 is the home page for sportsera' website which allows already registered users to login and order products. It also shows an error message if the user tries to login with wrong credentials.
- It leads to a new page, when the user wants to register and become amember with sportsera'. This is possible by "Not a Member Yet? "Link.It provides a "search" tab shown in left menu bar, which allows non-members to order products without any registration. Registered members get 5% discount and it is displayed in the home page.
- Allows "ADMIN" to login which leads him to view the current orders andcurrent low inventory, which helps to track the stock available and further helps in filling the inventory.
- Already registered members can login and browse for the products and can place an order based on their interest.
- Variety of product types are available Fitness, Clothes, Shoes, Games, Teamsports, Actionsports, Accessories can be seen in the left menu bar and Contact us displays the information of the website's contact information.

Screen Shot: 1 Homepage

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY
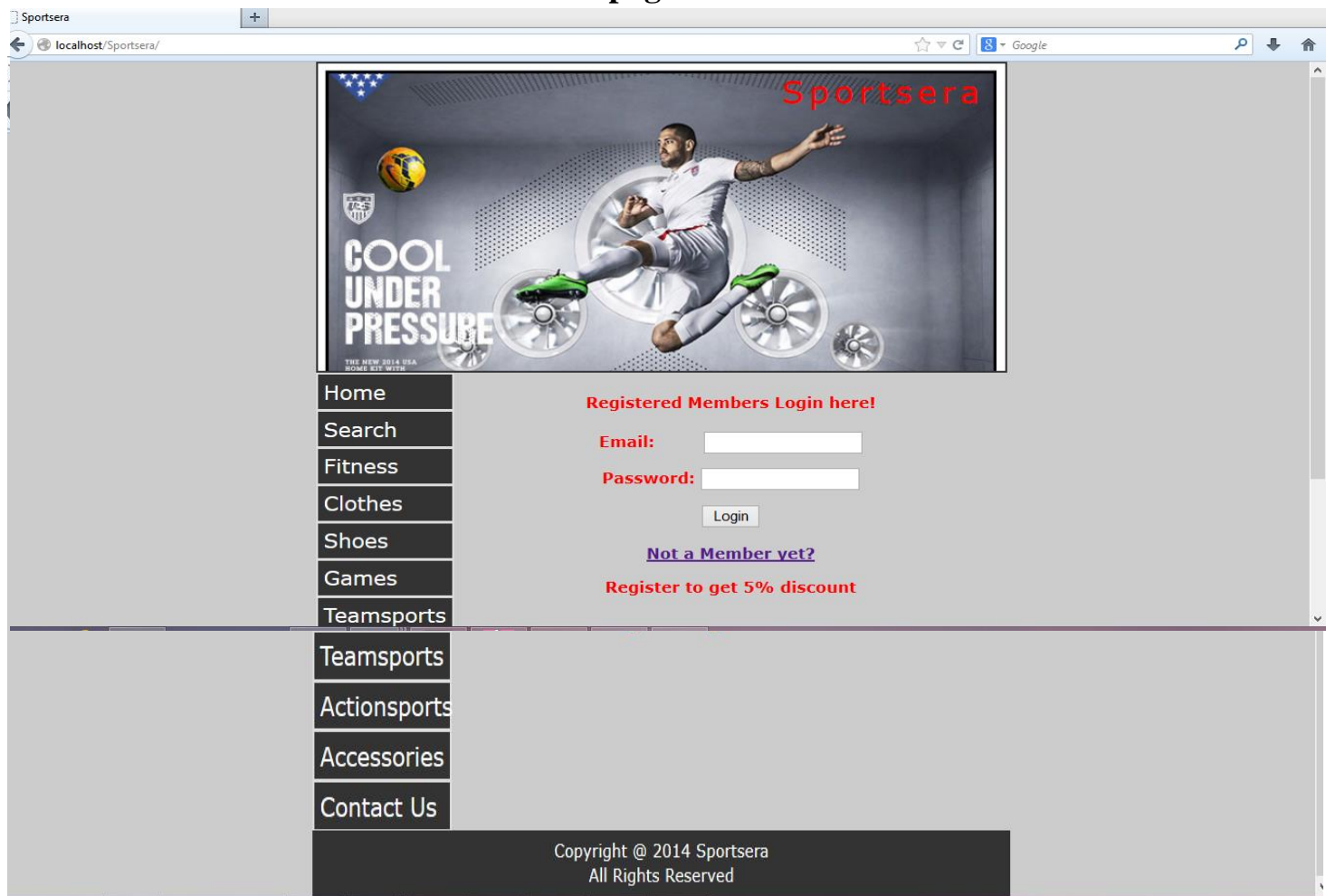
1. **Become a Member:** Screen shot 2 below is when a new user wants to become the member and presses the "Not a member yet" link.
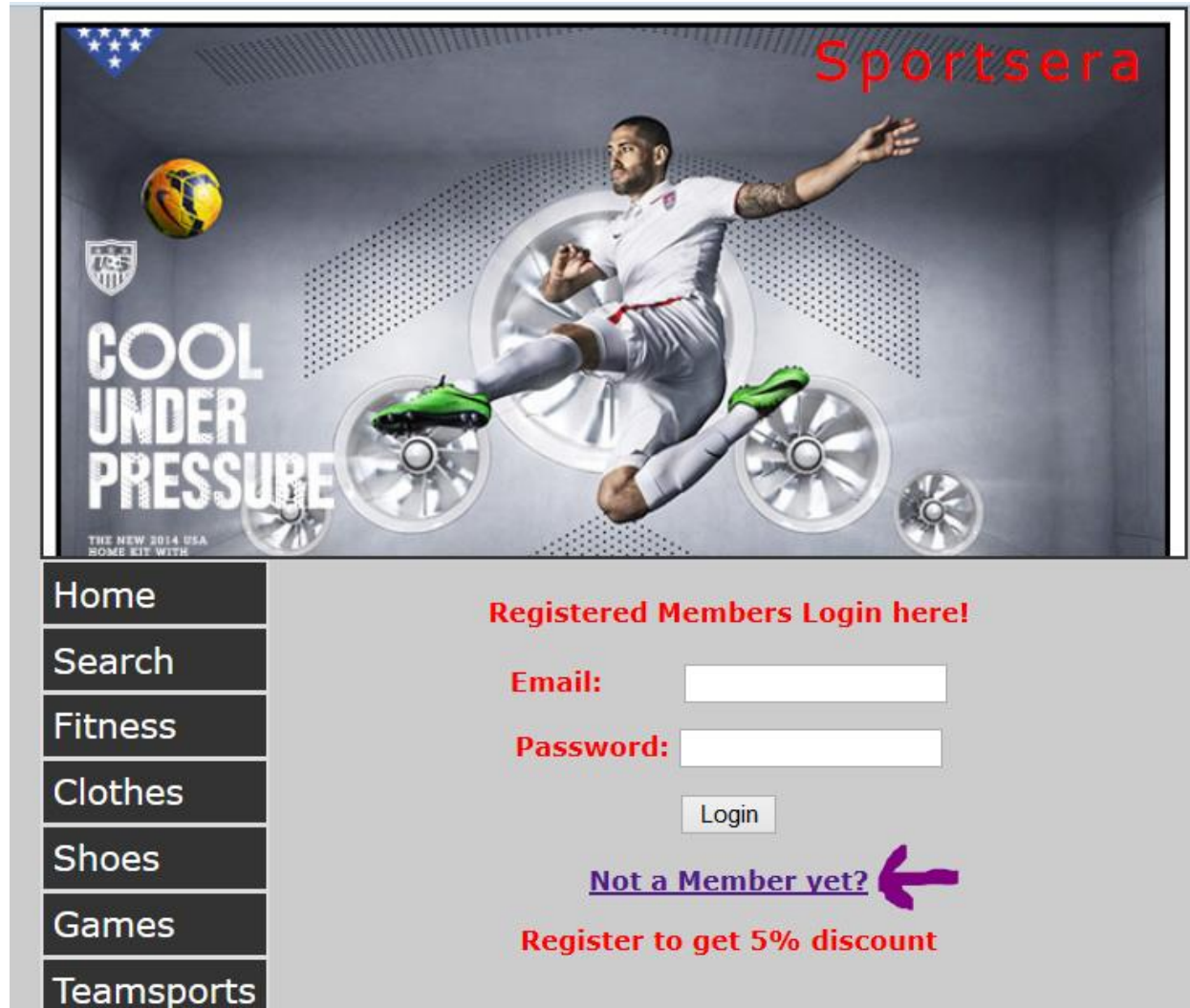
Screenshot 2 **Become a Member**
This page provides options to provide details like his email, password, first name, last name, city, state and phone number which will be further used as his shipping address for the delivery.

2. **Sign Up:** This screen shot displays that a new user is successfully sign up.

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

Screenshot 3 Sign Up

3. Once he presses the Sign Up button, a confirmation is shown as below with a success message.

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY
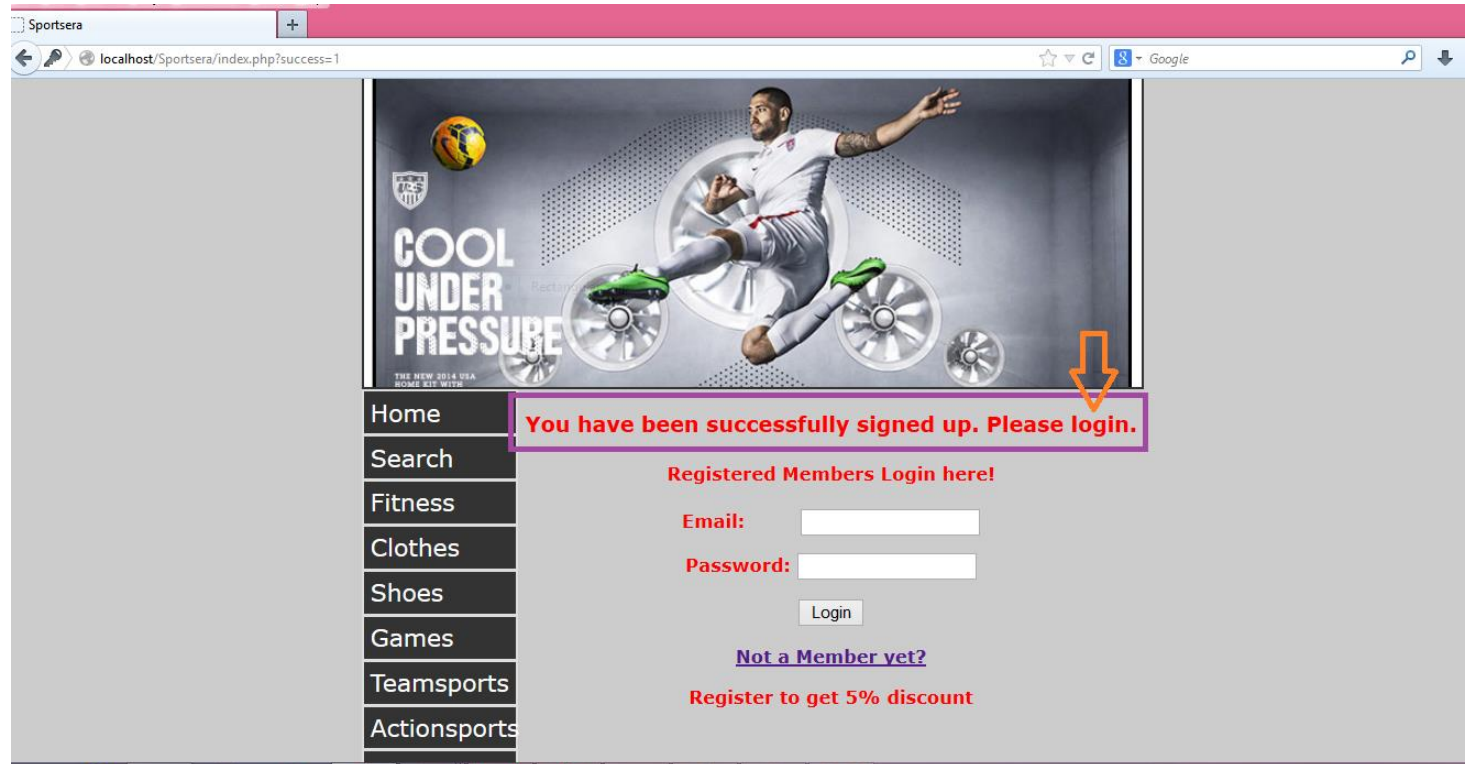
Screenshot 4   Signup Successful

5. Screen shot 5 displays the contact information of the Sportsera's and provides a little description about the products they sell.
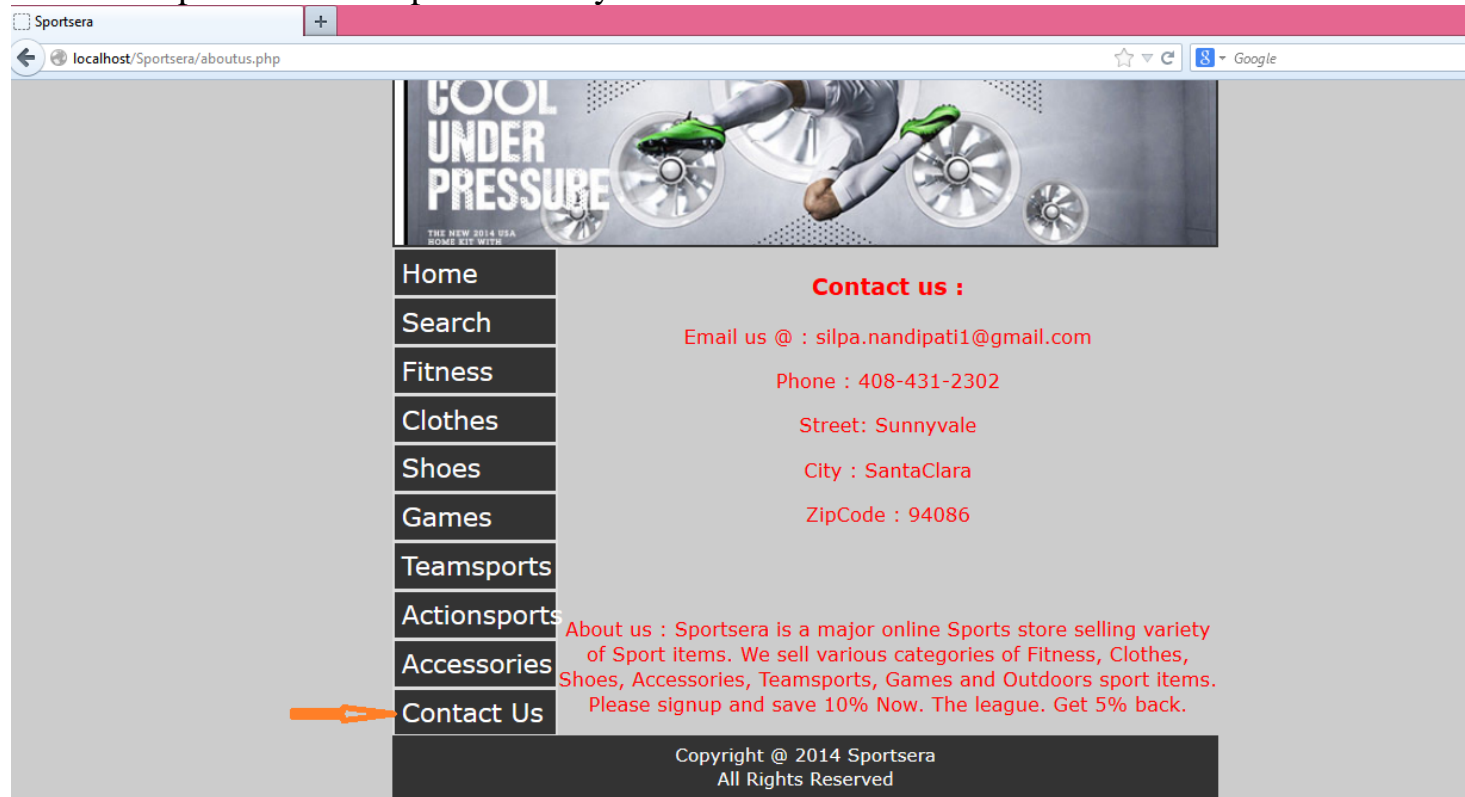
Screen Shot 5 Contact Us

6. Already registered user is logging in is shown below, which leads him/her to a Search page. This page provides the user to search the products by various criteria's.
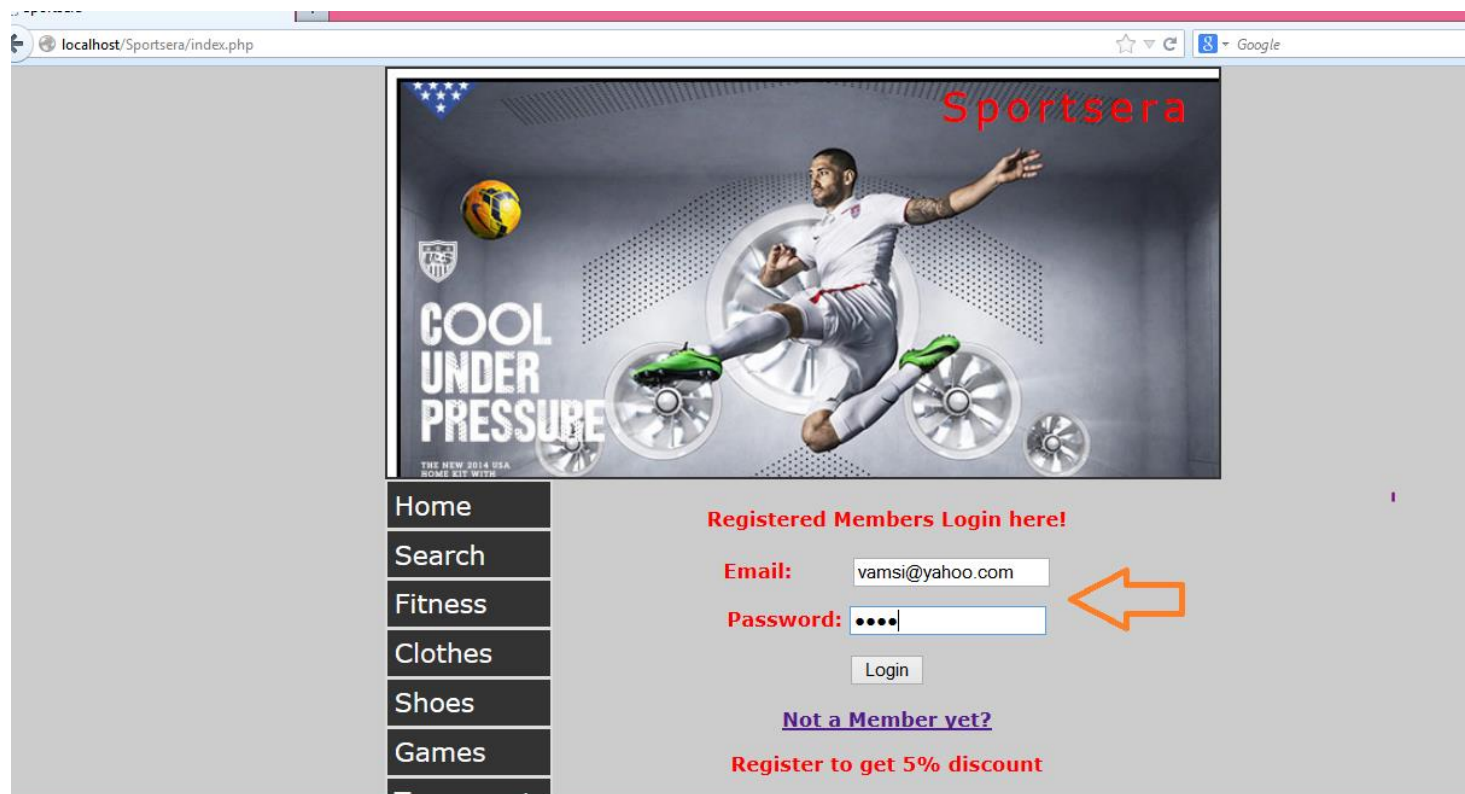
Screen shot 6 Member Login

7. Both member and nonmember can look for the products by the categories like fitness, shoes, clothes, games, actionsports, teamsports, accessories from the left menu bar navigation.

a)Searching the products in Fitness Category

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

b) Browsing the products in Clothes Category
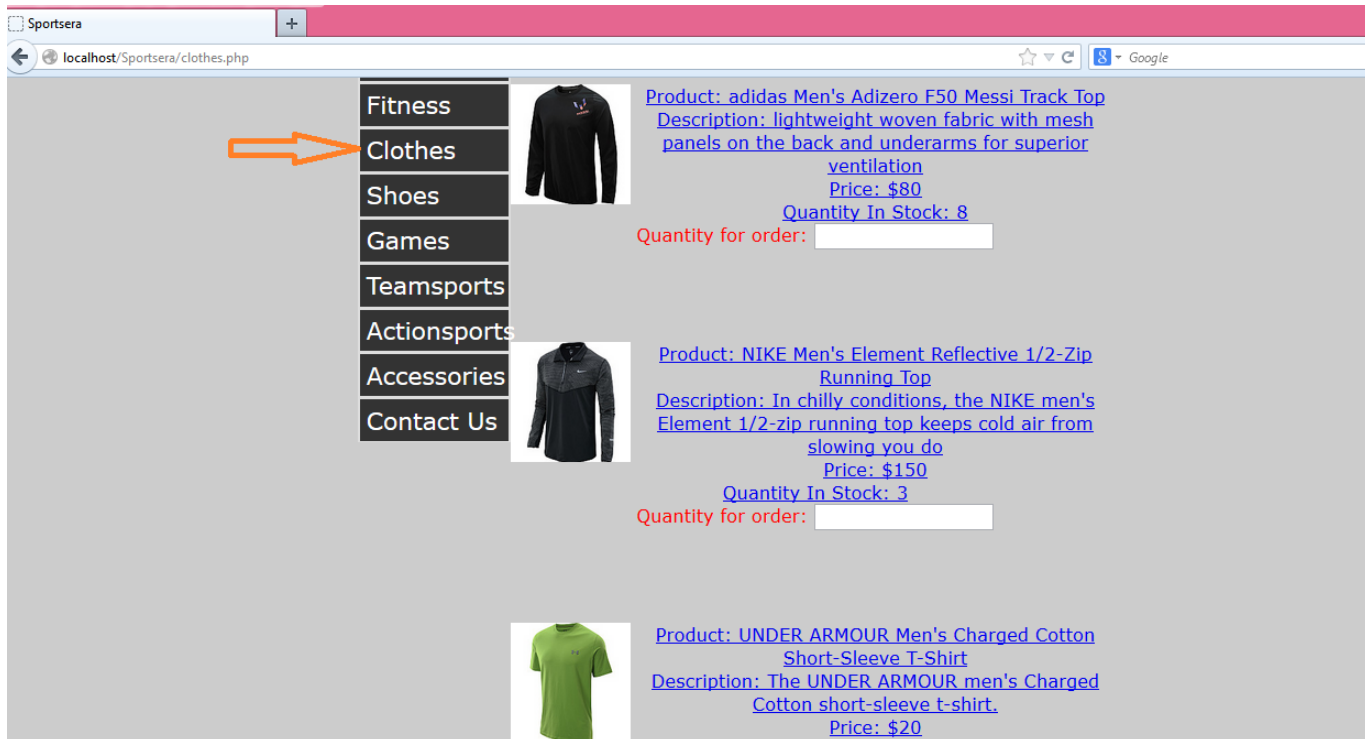
localhost/Sportsera/clothes.php ☆ ▽ ℃ | 8 ▾ Google

Product: NIKE Boys' KO 2.0 Multisport Graphic Pullover Hoodie
Description: The NIKE boys' KO 2.0 Multisport graphic pullover hoodie wards off the chill.
Price: $32
Quantity In Stock: 5
Quantity for order: [_____]

Product: UNDER ARMOUR Boys' Alter Ego Spider-Man Allover Graphic T-Shirt
Description: His quest for invincibility starts with the UNDER ARMOUR boys' Alter Ego allover graphic t-shirt.
Price: $40
Quantity In Stock: 5
Quantity for order: [_____]

Product: COLUMBIA Boys' Windy Explorer Jacket
Description: The COLUMBIA boys' Windy Explorer jacket wraps him in water-repellent protection.
Price: $30
Quantity In Stock: 5
Quantity for order: [_____]

localhost/Sportsera/clothes.php ☆ ▽ ℃ | 8 ▾ Google

Product: NIKE Girls' Ultimate Protect Jacket
Description: Sporty dudes will stay warm and dry in this NIKE boys' Ultimate Protect jacket.
Price: $64
Quantity In Stock: 5
Quantity for order: [_____]

Product: NIKE Girls' Just Do It Paint Brush Short-Sleeve T-Shirt
Description: She can show off some so-cute, so-sporty style in this NIKE girls' Just Do.
Price: $14
Quantity In Stock: 5
Quantity for order: [_____]

Product: UNDER ARMOUR Girls' Wordmark Graphic Short-Sleeve T-Shirt
Description: Crafted with moisture-wicking Charged Cotton fabric, the UNDER ARMOUR girls' wordmark graphic short.
Price: $16
Quantity In Stock: 6

C) Browsing the products in shoes Category

d)Browsing the products in Games Category

SANTA CLARA UNIVERSITY

THE JESUIT UNIVERSITY IN SILICON VALLEY

e) Browsing the products in Teamsports Category

f) Browsing the products in Actionsports Category

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

g) Browsing the products in accessories Category

h) Once the member logs in, it will lead to a search page, where he can search any products sold by the sportsera. Products can be searched generally by search tab and it gives the list of all products available in the online sportsera store by the following criteria's which further displays only the products that match the search pattern.

<div align="center">

Product Name

Product Description

Manufacturer name

Category type

</div>

a) Search by Product Name

For example search by ASICS Kayanolowcut socks.
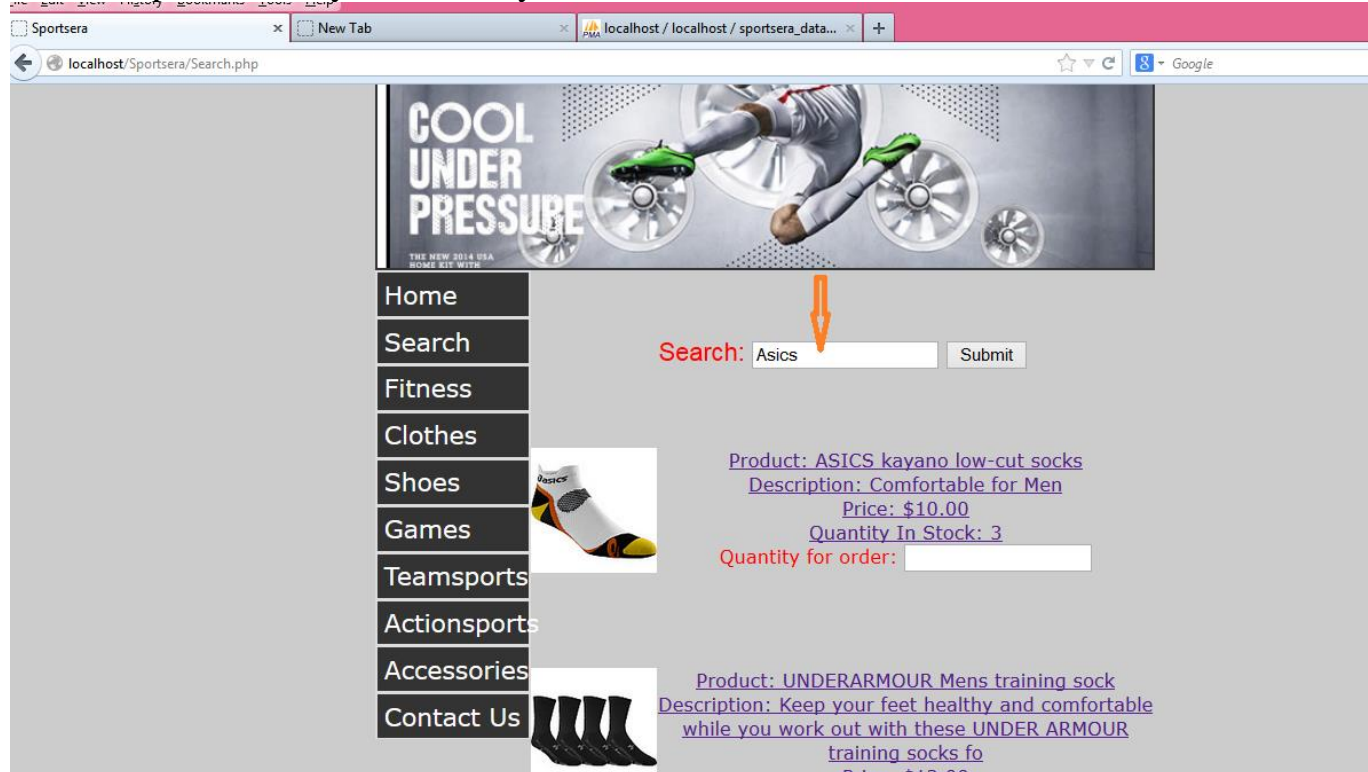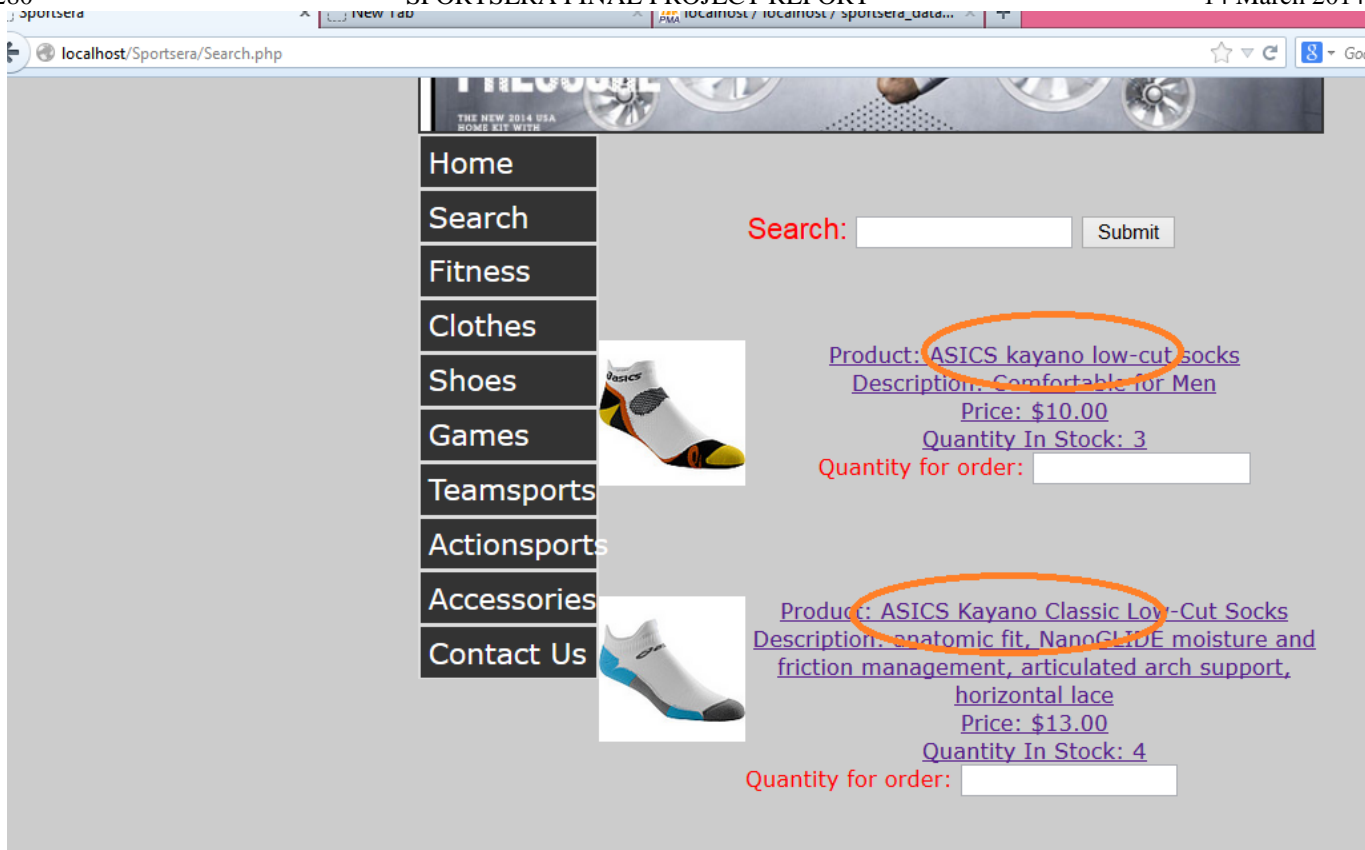
b) Search by product Description

C) Search by Manufacturer name
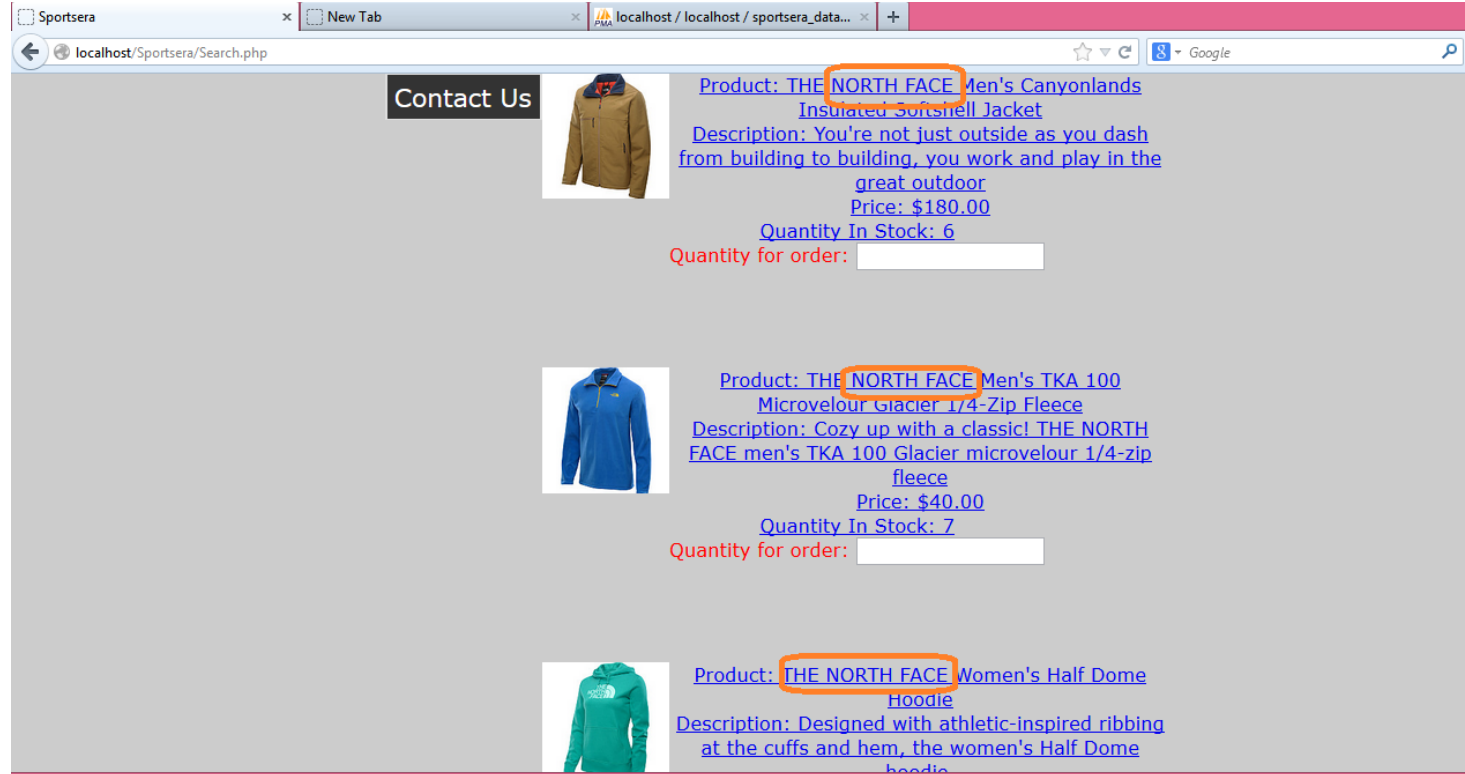
d) Search by Category type

SANTA CLARA UNIVERSITY

THE JESUIT UNIVERSITY IN SILICON VALLEY

localhost/Sportsera/Search.php
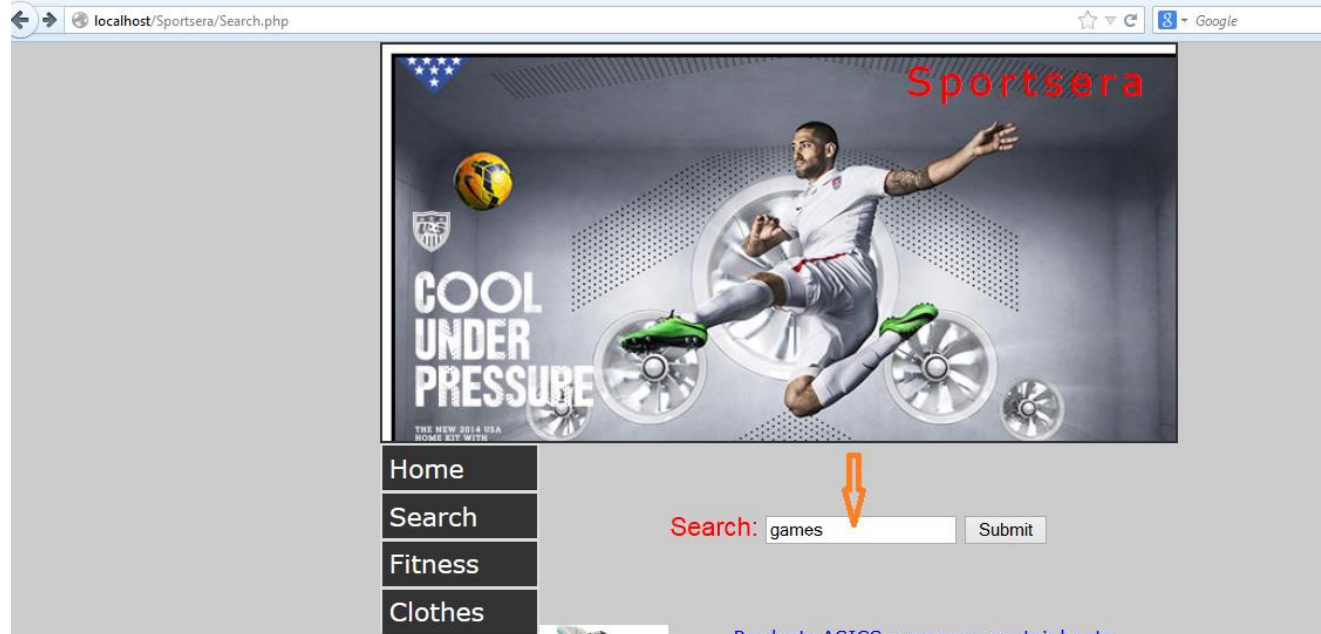
Product: SKLZ Speedminton Super 16 Player Set
Description: Speedminton combines features of badminton, tennis and squash into a fun.
Price: $339.00
Quantity In Stock: 9
Quantity for order:

Product: Park & Sun Badminton Pro Set
Description: The Park & Sun Badminton Pro Set can be set up in your backyard.
Price: $130.00
Quantity In Stock: 16
Quantity for order:

Product: Mizerak Donovan II 8' Slatron Billiard Table
Description: Designed with cool, contemporary features, the Mizerak Donovan II 8' slatron billiard table.
Price: $1099.00
Quantity In Stock: 16
Quantity for order:

i) Next user can enter the number of products he wants to order. It will not allow the user to enter more number of products, than that are shown in "Quantity in stock.

localhost/Sportsera/clothes.php

Product: NIKE Men's KO Annihilator Hoodie
Description: When the weather cools, turn up the heat with this NIKE men's KO Annihilator hoodie.
Price: $42
Quantity In Stock: 5
Quantity for order: 1

Product: adidas Men's Ultimate Fleece Pullover Hoodie
Description: Layer up with the adidas men's Ultimate fleece pullover hoodie when there's a chill in the air.
Price: $40
Quantity In Stock: 7
Quantity for order: 2

Product: UNDER ARMOUR Men's Armour Fleece Storm Big Logo Hoodie
Description: The UNDER ARMOUR men's Armour Fleece Big Logo hoodie is crafted with a Storm finish

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

Place Order

j) Place Order

K) Order Summary

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

Administrator of the online store can monitor the current order status and the details of the low inventory stock.

l) Admin Login

Low Inventory Products

SANTA CLARA UNIVERSITY
THE JESUIT UNIVERSITY IN SILICON VALLEY

Current orders.

Order id	User id	Address	Status	Ordered Date
68	2	202 Fairoaks Wst apt 20 sunnyvale ca 94086	1	2014-03-14
75		SouthBernardo Apt 408 Santa Cruz CA 94086	1	2014-03-14
69		360 s bernando Mountainview CA 94086	1	2014-03-14
70	2	202 Fairoaks Wst apt 20 sunnyvale ca 94086	1	2014-03-14
71	2	202 Fairoaks Wst apt 20 sunnyvale ca 94086	1	2014-03-14
72	2	202 Fairoaks Wst apt 20 sunnyvale ca 94086	1	2014-03-14
73	2	202 Fairoaks Wst apt 20 sunnyvale ca 94086	1	2014-03-14
74	2	202 Fairoaks Wst apt 20 sunnyvale ca 94086	1	2014-03-14
48	2	202 Fairoaks Wst apt 20 sunnyvale ca 94086	1	2014-03-13
49	2	202 Fairoaks Wst apt 20 sunnyvale ca 94086	1	2014-03-13

Current Orders list Displayed to Administrator on Login

SANTA CLARA UNIVERSITY

THE JESUIT UNIVERSITY IN SILICON VALLEY