



Directory Al Imam Mohammad Ibn Saud Islamic University  
College of Computer and Information Sciences  
**Information Technology Department**

**Course Title:** N-tier Architecture

**Course Code:** IT 331

**Course Instructor:** Dr. Mnadour Mohaamad, D. Alsaddig  
Mohammad. T. Jomana Alhamidi T. Shatha  
Alkhaldi,

**Assessment:** Project – Phase One

**Semester:** First 2023

**Due Date:** Tuesday 4 Oct

**Duration:**

**Marks:** 5

Group No.	Student Name	Student ID	Section No
	Abdullah Saeed Al-Zahrani	440015940	172
	Abdullah Mohammed Alnowaiser	439015025	
	Mohammed Mahfoudh Alkendi	439013123	

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Question	Student Marks	Question Marks
I		5
Total		5



### **Project description:**

In this project you will build a 3-Tier Architecture Website in ASP.Net. The theme of the website is decided by the members of your project group. Each group will have 4 to 5 members, and each member should contribute equally to the project.

### **Requirements:**

- Built a three-tier architecture website.
  - Separating your project into three layers, presentation layer, Business Layer and data access layer, each layer should have meaningful name.
  - Your website should not be less than 4 pages (Home, Login page etc).
  - Each of those pages should use same or similar style, so that the pages look like they belong to the same website.
  - Organize all pages in a good structure.
  - Consistent navigation, for example if you have a menu which links to different pages, the menu should appear in the same place in all pages, so that users can easily find the menu and be able to navigate to different pages.
- ❖ **Your web application should be at least having two of the following features offered to the user: create a user account, search, reset the user password. modify the user information for the user page.**



### **Submission:**

#### **To: upload to Blackboard**

1. All website files.
2. A report including:
  - Students' information (group number, name, id, and section number)
  - A description of your project.
  - Goal and objectives.
  - Audience.
  - Description of each page (not less than 4)

*Note: You can use any appropriate software other than ASP.NET*

### **description of project:**

Our site sells a wide range of different cards, such as mobile cards, game cards and shopping cards. This allows users to easily obtain different credit cards in the easiest way.

### **Goal and objectives:**

- Facilitate the possibility of obtaining different types of cards in the simplest possible way
- To add any type of card to help the largest category of customers.
- Offer the best and cheapest prices for all cards.



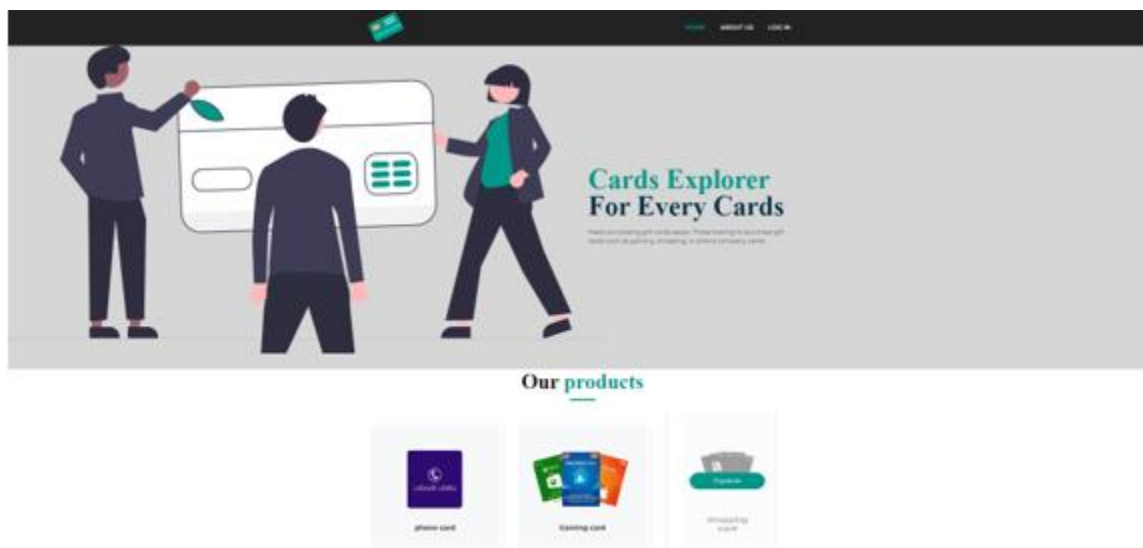
## Audience:

Card Buyer / Explorer

## Description of each page:

- **Home:**

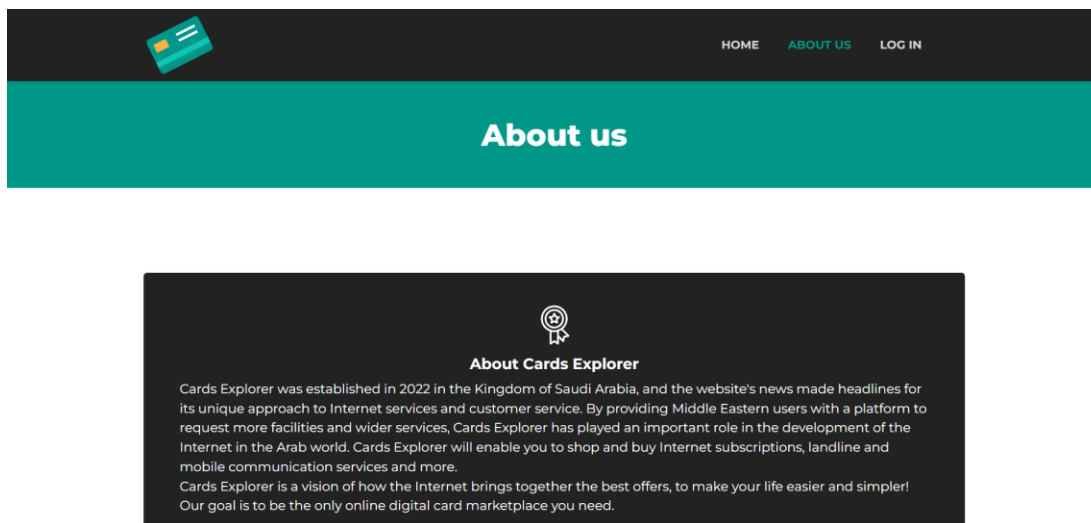
This is the main page of the site and contains the site's logo and some other features, and the most prominent types of cards that are sold on the site are displayed, and there is also an email to communicate at the bottom of the page.





- **About us:**

We mentioned on this page an overview of the site, the date of its establishment and some news that was talking about the site and the method of approach used as well. Some of the services provided by the site and the extent of the site's impact on the Middle East were mentioned. Finally, we mentioned the goal and purpose of creating the site.



- **Cards Category:**

On these pages, the category of cards that are sold through the site are displayed, and each of these types displays 3 different types of cards.

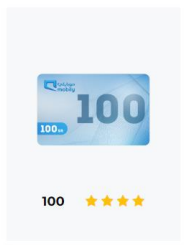


HOME ABOUT US LOG OUT

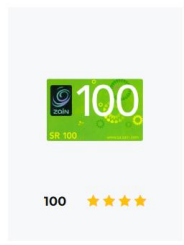
## phone card



100 ★★



100 ★★★★★



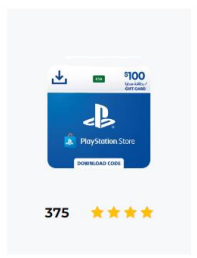
100 ★★★★★

Contact with us [cardsExplors@demo.com](mailto:cardsExplors@demo.com)

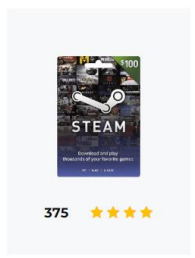


HOME ABOUT US LOG OUT

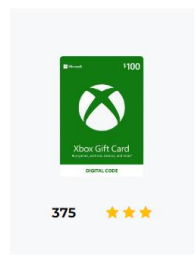
## Gaming card



375 ★★★★★

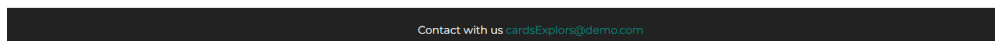
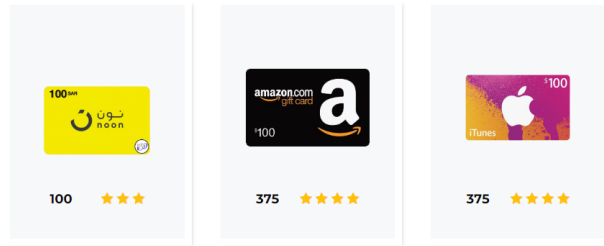
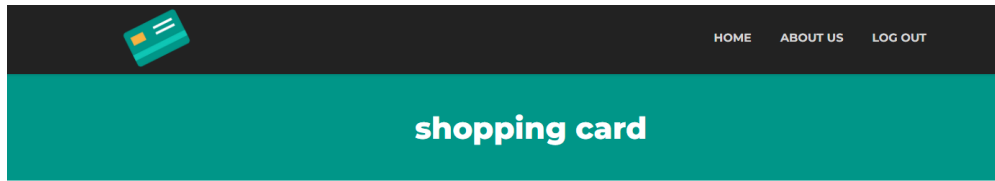


375 ★★★★★



375 ★★★★★

Contact with us [cardsExplors@demo.com](mailto:cardsExplors@demo.com)



## • Login:

The login page allows to access the control panel and add, edit, and delete cards.



### Login page

Admin@Admin.Com

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Login

Don't have an account? [Register now](#)



- **After Login:**

All products on the site are displayed on this page and allows the admin to delete, add or make any modification to any product on the site.



HOMEABOUT USLOG OUT

#	NAME	Price	Edit	Delete
1	stc	100	Edit	Delete
2	mobily	100	Edit	Delete
3	zain	100	Edit	Delete
4	playstation	375	Edit	Delete
5	steam	375	Edit	Delete
6	xbox	375	Edit	Delete
7	noon	100	Edit	Delete
8	amazon	375	Edit	Delete
9	apple	375	Edit	Delete

Insert New Records

Enter Item Name

Enter Description


Enter Price

Images Your images should be at least 500x500 wide

Choose FilesNo File Chosen

Phone

Submit



HOMEABOUT USLOG OUT

## Edit item

Item name


Stc

Description

100SR Stc Card

Price

100



Images Your images should be at least 500x500 wide

Choose FilesNo File Chosen

Phone

Update


Contact with us : [cardsExplora@demo.com](mailto:cardsExplora@demo.com)






- **Review For each Product While Sign in:**

Users are allowed through this page to write a comment on the product or write the experience of purchasing the product from the site.

HOME ABOUT US LOG OUT



apple

375SR xbox Gift card

★★★★★

Add comment

★★★★★

Enter Review Here.

Submit

ali

Amazing website

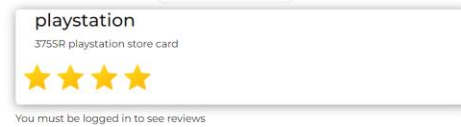
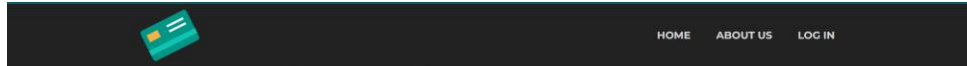
★★★★★

Meshari

fast respons

★★★★★

- **Review For Each Product with Out Sign in:**



- **Registration page:**

This page allows you to create a new username and password for new users of the site.



### registration page

Email

Admin@Admin.Com

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register



Business Layer	10/29/2022 3:12 AM	File folder
data access layer	10/31/2022 9:32 PM	File folder
presentation layer	10/31/2022 9:32 PM	File folder

< > ^ xampp >htdocs > credit > Business Layer					Search Business
Name	Date modified	Type	Size		
admin	10/29/2022 2:36 AM	JetBrains PhpStorm	2 KB		
check_admin	10/29/2022 12:54 AM	JetBrains PhpStorm	1 KB		
check_login	4/30/2022 11:33 PM	JetBrains PhpStorm	1 KB		
edit	10/29/2022 2:46 AM	JetBrains PhpStorm	2 KB		
log	10/29/2022 2:29 AM	JetBrains PhpStorm	1 KB		
logout	10/29/2022 2:33 AM	JetBrains PhpStorm	1 KB		
nav	10/29/2022 2:28 AM	JetBrains PhpStorm	1 KB		
reg	10/29/2022 3:12 AM	JetBrains PhpStorm	1 KB		
review	10/29/2022 2:23 AM	JetBrains PhpStorm	2 KB		
upload	4/27/2022 10:48 PM	JetBrains PhpStorm	2 KB		

< > ^ xampp >htdocs > credit > data access layer					Search data access
Name	Date modified	Type	Size		
admin	10/29/2022 2:35 AM	JetBrains PhpStorm	1 KB		
db	10/28/2022 9:36 PM	JetBrains PhpStorm	1 KB		
index	10/29/2022 6:41 PM	JetBrains PhpStorm	1 KB		
product1	10/31/2022 9:32 PM	JetBrains PhpStorm	1 KB		

< > ^ xampp >htdocs > credit > presentation layer					Search presentation
Name	Date modified	Type	Size		
css	10/29/2022 2:25 AM	File folder			
images	10/29/2022 2:56 AM	File folder			
uploads	10/29/2022 6:38 PM	File folder			
about	10/29/2022 6:47 PM	JetBrains PhpStorm	7 KB		
admin	10/29/2022 3:09 AM	JetBrains PhpStorm	10 KB		
edit	10/29/2022 3:09 AM	JetBrains PhpStorm	6 KB		
index	10/29/2022 6:49 PM	JetBrains PhpStorm	6 KB		
log	10/29/2022 3:09 AM	JetBrains PhpStorm	4 KB		
product1	10/31/2022 9:32 PM	JetBrains PhpStorm	6 KB		
reg	10/29/2022 3:09 AM	JetBrains PhpStorm	4 KB		
review1	10/29/2022 3:09 AM	JetBrains PhpStorm	8 KB		



### Responsibilities and Coordination:

Group Member	Responsibilities
<b>Abdullah Mohammed Alnowaiser</b>	<b>Presentation Layer</b>
<b>Abdullah Saeed Al-zahrani</b>	<b>Business Layer</b> <b>Data Access Layer</b>
<b>Mohammed Mahfoudh Alkendi</b>	<b>Presentation Layer, Report</b>

### **Phase one grading:**

Requirements	Points Possible
Minimum of 4 pages [Navigational Efficiency - Aesthetically Effectiveness]	2
Pages in a good structure.	2
Report.	1
<b>Total</b>	<b>5</b>