

The background is a vibrant collage of various items associated with the Egyptian Scouts. At the top, there are several triangular and circular patches in green, purple, and yellow, many featuring the fleur-de-lis symbol. Below these, a book with a portrait of a man in a scout uniform is visible. In the center, a yellow and purple sleeping bag is rolled up. To the right, there's a compass and several circular medals or badges. At the bottom, there are various tools like an axe, a hammer, and some small figurines. The overall theme is scouting and outdoor activities.

“Egypt Scouts Shop” Website Project

متجر الكشافة المصرية

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Project: EgyptScoutsShop.com

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DECLARATION

I hereby declare that this work has been done by myself and no portion of the work contained in this report has been submitted in support of any application for any other degree or qualification of this or any other university or institute of learning.

I also declare that I have not engaged in any unauthorised act of copying or reproducing or attempt to copy / reproduce or cause to copy / reproduce or permit the copying / reproducing or the sharing and / or downloading of any copyrighted material or an attempt to do so whether by use of the University's facilities or outside networks / facilities whether in hard copy or soft copy format, of any material protected. This shall include but not be limited to any lecture notes, course packs, thesis, text books, exam questions, any works of authorship fixed in any tangible medium of expression whether provided by the University or otherwise.

Acknowledgment

- *“Your Ideas are good, but you better concentrate on one thing at a time”*
ACU CS committee
- *“Your plan will take lots of time to process and won’t end before 2-3 years”* ACU CS committee
- *“Do your best, and we are looking forward for next meeting”* ACU CS committee

NB. : I renamed the Project name to be better for understanding

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A. Project Proposal

Purpose:

- Marketing scouts related equipment.

Scope:

- The website helps vendors to market their items through specialists to users around the world.

Actors:

- Vendors who will upload items and its prices, and make offers whenever they want; And Users who will browse and buy offers from the vendors through the website.

Functions:

- Registration, Logging in and logging out
- Add to Cart
- Checkout

Languages:

- HTML

Reasons:

- This Idea had been in my head for 3 years, and I have my Scouts team captain the owner of this work.
- The Owner made a group on the Facebook to market his products, and I heard that the company refuses marketing through it without any knowledge; so to avoid any problems, I wanted to make this website.

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B. Interview Questions and CATWOE

Questions:

- Why do you want to make a website?
 - So That I can market my products and gain profit worldwide!
- What services will your website provide?
 - We will provide online sale and home delivery!
- How will you get your materials and goods?
 - We got partners from UAE helping us with the material
- Where will you save the information of your users?
 - We got a dedicated Data base for our users across the world
- Will you send goods abroad? How?!
- We are studying the availability to sell abroad; we will recruit salesmen from other countries.
- How do you communicate with sales department?
 - We mostly communicate through mobiles.
- Do you want to use Internet applications to communicate with other employers?
 - If it will ease our work; sure, why not!
- Do you want your website to appear on your phone?
 - Not sure, but we will discuss it when the time comes !

- CATWOE:
- C: Scouts everywhere.
- A: Sales Department.
- T: Scouts will join our website as members that will buy goods from us.
- W: Make all scouts equipment available everywhere.
- O: Website Administrators.
- E: International marketing regulations!

C. Requirements

- **Functional Requirements:**

- **Common:**

1. Register
2. Log-In
3. Log-Out
4. Update info
5. Search Site

- **User:**

1. Browse Catalogue
2. Search Catalogue
3. Browse offers
4. Add to Favorites
5. Make Order
6. Add to Shopping Cart
7. Check out
8. Pay with VISA
9. Payment On Delivery (Cash)
10. Track Delivery Status
11. Report Fake Vendor
12. Report User
13. Rate Item after Delivery

-

- **Vendor:**

1. Add new item to catalogue
2. Remove item from catalogue
3. Add offers

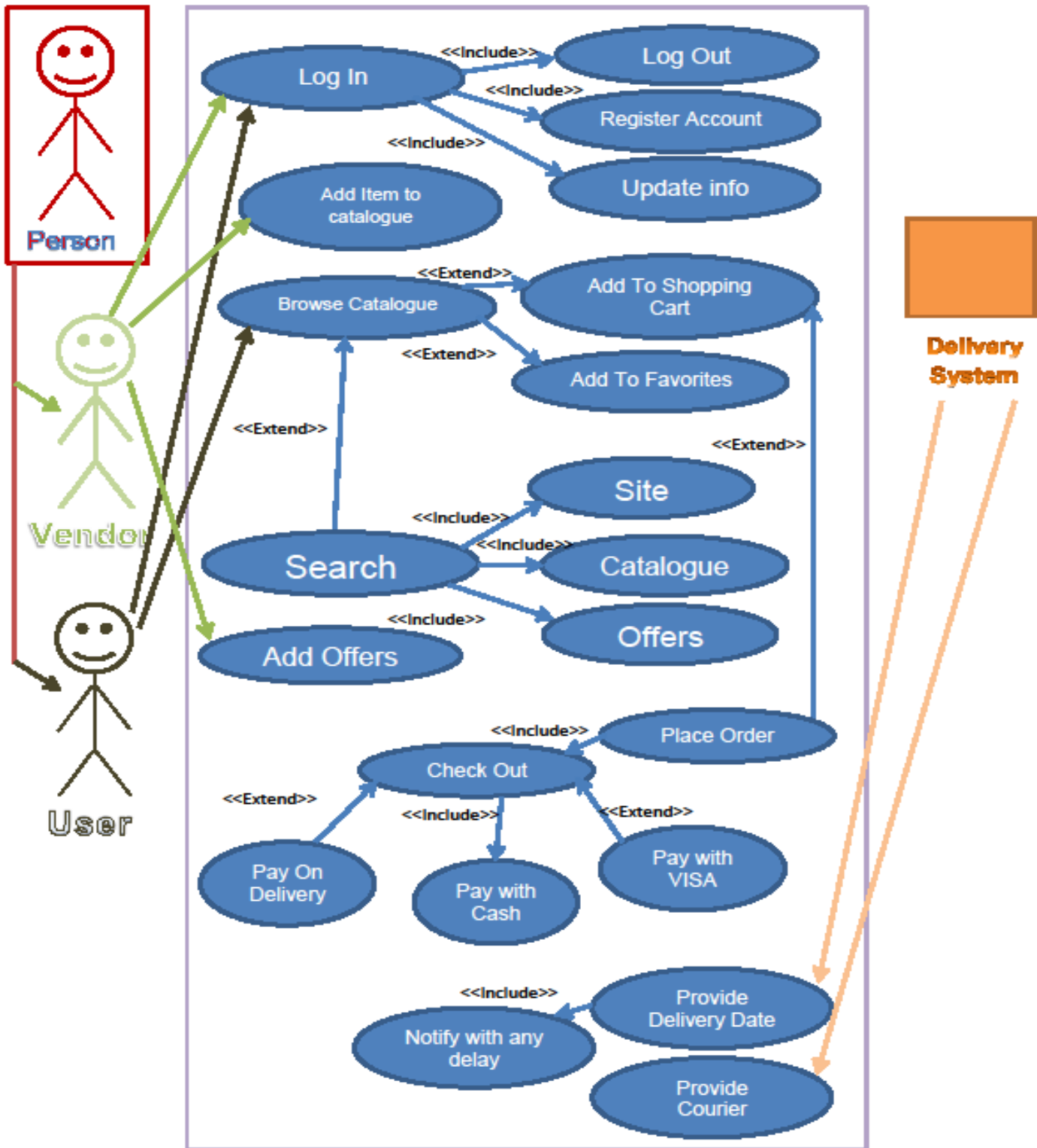
- **Site Admin:**

1. Ban From Site
2. Check Database
3. Grant Authority
4. Revoke Authority

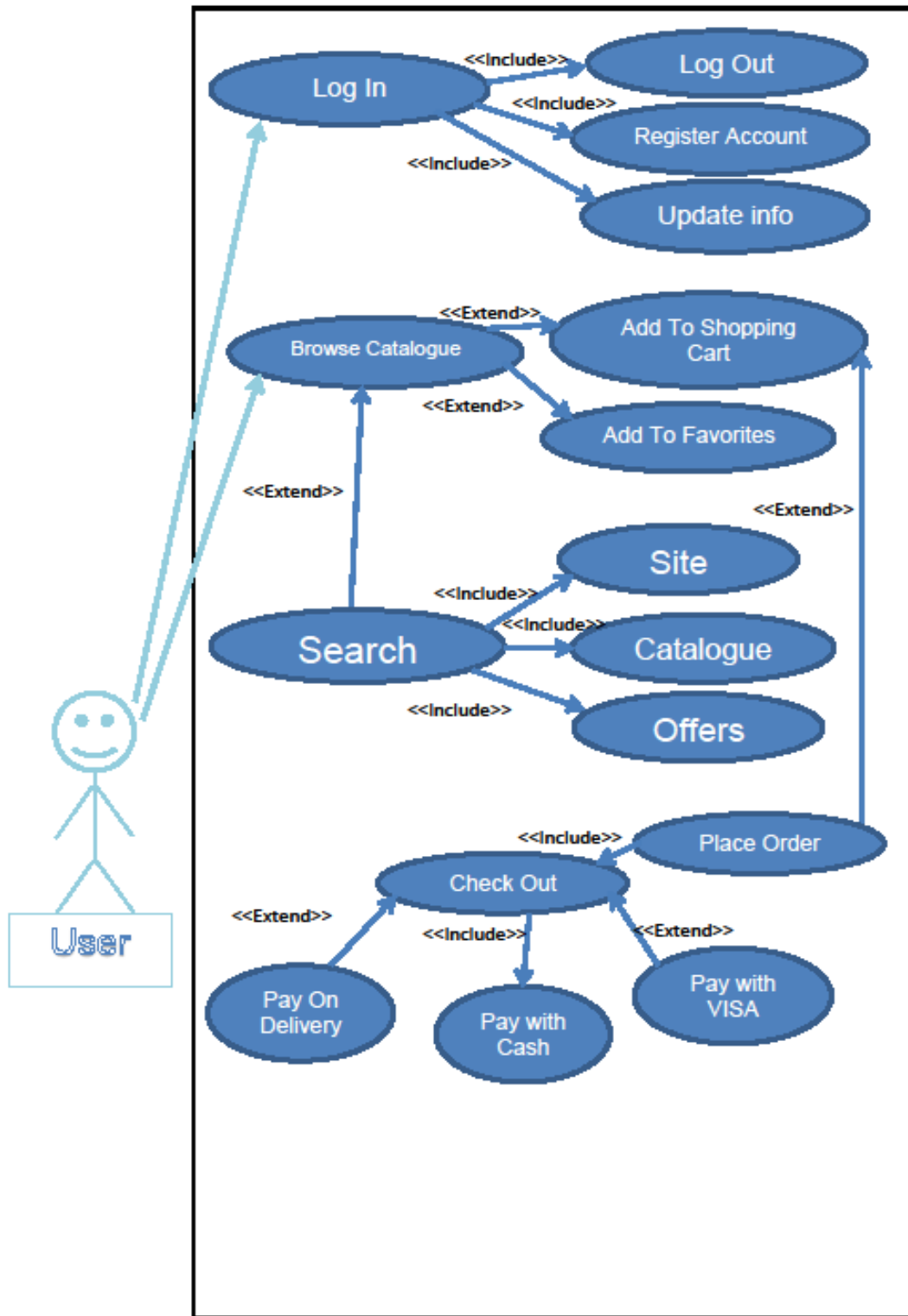
- **Delivery System:**

1. Provide Delivery Date and courier
2. Notify with delays

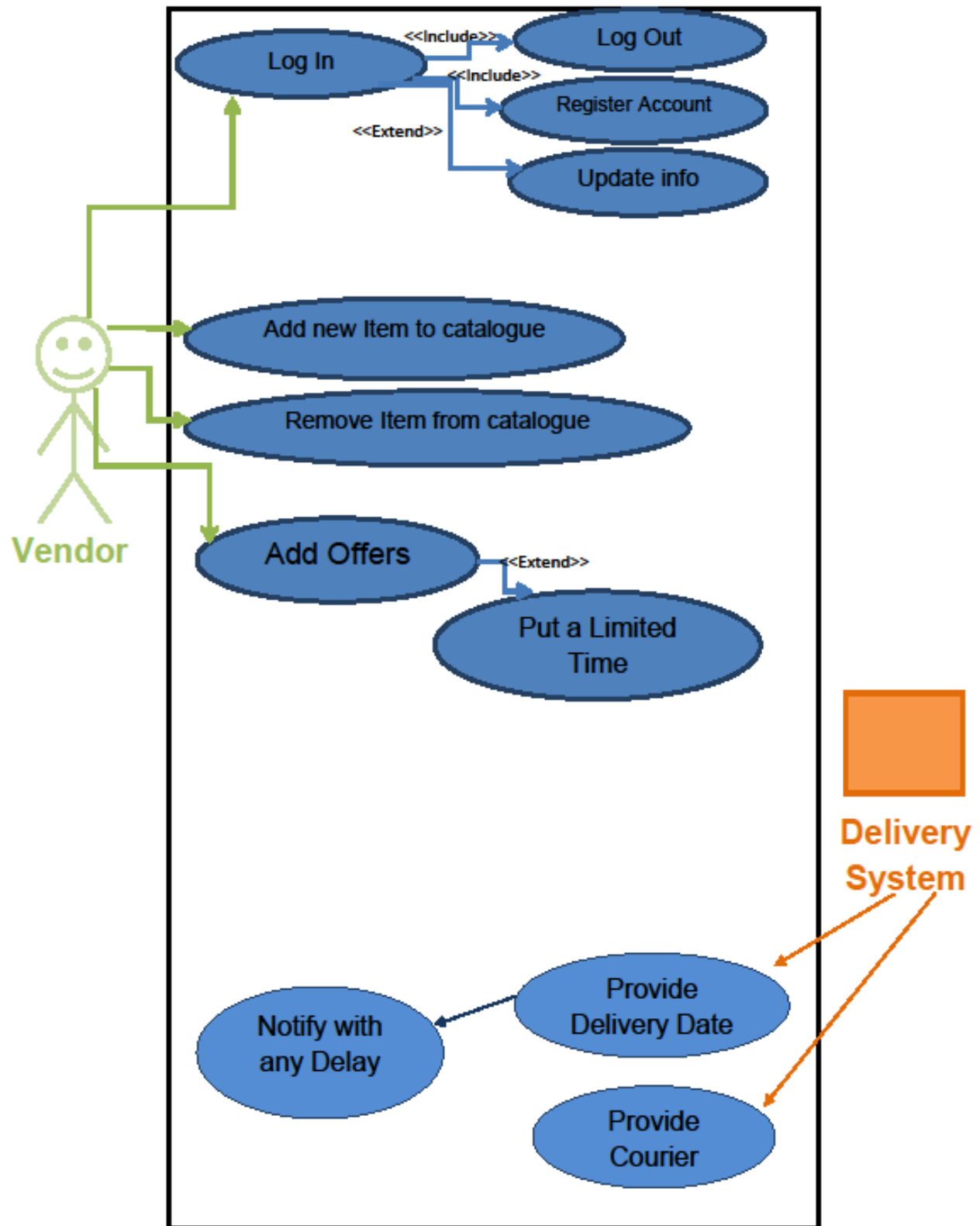
D. Use Case Diagrams



User Specified Use Case Diagrams



Vendor and Delivery Specified Use Case Diagrams



E. Use Case Scenarios

Use case ID:	1.1
Use case:	Register Account.
Actors:	User, Vendor.
Description:	The User/Vendor Should register a new account.
Pre-Condition:	The User /Vendor shouldn't have an account on the site.
Main Success Scenario:	1-The User/Vendor will click on "Sign Up" button. 2 -Page redirected to the "Sign Up Form "page
Alternative Scenario:	none.
Post Condition:	The User will have an account on the site.

Use case ID:	1.2
Use case:	Log-In.
Actors:	User, Vendor.
Description:	The User/Vendor Should Log in to the site
Pre-Condition:	The User /Vendor should have an account.
Main Success Scenario:	1-The User/Vendor will fill the Username and password fields. 2-Then User will Press on Submit button.
Alternative Scenario:	none.
Post Condition:	The User will access his Account Page (Home Page) and (Add to Cart Button) appears on the upper right corner.

Use case ID: 1.3

Use case: Log-out.

Actors: User, Vendor.

Description: The User/Vendor Should Log out from the site.

Pre-Condition: The User /Vendor should be logged in.

Main Success Scenario: 1-The User/Vendor will click on Log-out link.
2-"Logged out Successfully" Message will appear for 5 seconds, then
Redirect to home page.

Alternative Scenario: none.

Post Condition: The User will be logged out.

Use case ID: 1.4

Use case: Update Info.

Actors: User, Vendor.

Description: The User/Vendor Can Edit and update his account page and info.

Pre-Condition: The User /Vendor should be logged in.

Main Success Scenario: 1-The User/Vendor will click on "Update info "link.
2 -Page redirected to its page.

Alternative Scenario: none.

Post Condition: The User will have an updated info to contact with.

Use case ID: 1.5

Use case: Search Site.

Actors: User, Vendor

Description: The User/Vendor Can search the site for specific item or table.

Pre-Condition: The User /Vendor should be logged in.

Main Success Scenario: 1-The User/Vendor will fill the search bar with the required item.
2 -Page redirected to "Search Results" Page.

Alternative Scenario: none.

Post Condition: The User/Vendor will find results related to tags or words written.

Use case ID: 2.1

Use case: Browse Catalogue.

Actors: User.

Description: The User can browse the catalogue for items he needs.

Pre-Condition: The User should be logged in.

Main Success Scenario: 1-The User will click on "Catalogue" from the side bar ([Scr.7] in story board list).
2 -Page redirected to "Catalogue" Page.

Alternative Scenario: none.

Post Condition: The User will see a group of items that can be purchased through the Website.

Use case ID: 2.2

Use case: Search Catalogue.

Actors: User.

Description: The User can search the catalogue for specific items.

Pre-Condition: The User should be logged in.

Main Success Scenario: 1-The User will write the item name that he is searching for.
2 -Page redirected to "Search Results" Page.

Alternative Scenario: none.

Post Condition: The User will find results related to tags or words written.

Use case ID: 2.3

Use case: Browse offers.

Actors: User.

Description: The User can browse the catalogue for offers.

Pre-Condition: The User should be logged in.

Main Success Scenario: 1-The User will click on "Offers" from the side bar ([Scr.7] in story board list).
2 -Page redirected to "Offers" Page.

Alternative Scenario: none.

Post Condition: The User will see offers available on the website from different vendors.

Use case ID: 2.4

Use case: Add to Favorites.

Actors: User.

Description: The User can add items from catalogue to his favorites list.

Pre-Condition: The User should be logged in.

Main Success Scenario: 1-The User will click on “Add to Favorites” below the item.
2- Then the item will be added to “My Favorite’s” Page

Alternative Scenario: none.

Post Condition: The User will see his favorite items in “my favorite’s” page.

Use case ID: 2.5

Use case: Make Order.

Actors: User.

Description: The User can make order to buy items from the site.

Pre-Condition: The User should be logged in.

Main Success Scenario: 1-The User will go browse the catalogue.
2- Then click on an item that he is interested in.
3- Then Click on “Add to Shopping Cart” on its picture.
4- Then Click on Check out.
5-And fill the billing info to fulfill the order.

Alternative Scenario: none.

Post Condition: The User had made his order, and awaiting delivery.

Use case ID: 2.6

Use case: Add to Shopping Cart.

Actors: User.

Description: The User can browse the catalogue then add items to cart so he can buy it.

Pre-Condition: The User should be logged in.

Main Success Scenario:

- 1-The User will go browse the catalogue.
- 2- Then click on an item that he is interested in.
- 3- Then Click on “Add to Shopping Cart” on its picture.
- 4- The Item will be in the “Shopping Cart” Page through the link on the upper right of the Web Page ([Scr.7] in story board list).

Alternative Scenario:

- 1-The User will go browse the catalogue.
- 2- Then click on an item that he is interested in.
- 3- Then Click on “Add to Shopping Cart” on its picture.
- 4- The Item will be in the “Shopping Cart” Page arrived through “Shopping Cart” from the side bar ([Scr.7] in story board list).

Post Condition: The User will see items added waiting to be checked out.

Use case ID: 2.7

Use case: Check out.

Actors: User.

Description: The User will have to checkout to buy item he wants.

Pre-Condition: The User should be logged in.

Main Success Scenario:

- 1-The User will add item to the “Shopping cart”.
- 2- Will click on check out; then he go to (Use Case ID 2.5).

Alternative Scenario: none.

Post Condition: The User will be able to buy items in “Shopping Cart”.

Use case ID: 2.8

Use case: Pay with VISA.

Actors: User.

Description: The User will be able to pay with VISA to buy his items.

Pre-Condition: The User should be logged in, and has an item waiting to be checked out.

Main Success Scenario:

- 1-After pressing "Check out" we go to "make order" page where we will fill the billing information and address to be delivered at.
- 2- We will click on "VISA" choice, where it will redirect us to VISA information page.
- 3-We fill all visa required information, and then the server will check if the required amount is available after verifying the ownership of the card.
- 4- Then the amount required to buy the items will be subtracted from the card.

Alternative Scenario: Use Case ID 2.10

Post Condition: The items bought will be shipped to the written address through the Delivery System.

Use case ID: 2.9

Use case: Track Delivery status.

Actors: User.

Description: The User will be able to track the delivery position.

Pre-Condition: The User should be logged in, and has an item waiting to be delivered.

Main Success Scenario:

- 1-After pressing "Shopping Cart" we go to "Delivery Status" page where we will find when the items bought will be delivered.

Alternative Scenario: none.

Post Condition: none.

Use case ID: 2.10

Use case: Pay on Delivery.

Actors: User.

Description: The User will be able to pay when the item got delivered.

Pre-Condition: The User should be logged in, and has an item waiting to be checked out.

Main Success Scenario:

- 1-After pressing “Check out” we go to “make order” page where we will fill the billing information and address to be delivered at.
- 2- We will click on “Pay on Delivery” choice
- 3-We fill all info regarding the address to be delivered at.
- 4- After arriving, user will pay the money required in trade of the items he bought and arrived at his door.

Alternative Scenario: Use Case ID 2.8

Post Condition: The items bought will be shipped to the written address through the Delivery System and the user will pay at his door.

Use case ID: 3.1

Use case: Add new item to catalogue.

Actors: Vendor.

Description: The vendor will be able to add new items to the catalogue.

Pre-Condition: The vendor should be logged in

Main Success Scenario:

- 1-click on “catalogue” from the side bar ([Scr.7] in story board list).
- 2-click on “Add new Item”.
- 3- Write description, amount of it and upload a picture for it.

Alternative Scenario: none.

Post Condition: The item will be available in the catalogue for users to buy.

Use case ID: 3.2

Use case: Remove item from catalogue.

Actors: Vendor.

Description: The vendor will be able to remove the expired items from the catalogue.

Pre-Condition: The vendor should be logged in; there should be at least 1 item in the catalogue.

Main Success Scenario: 1-click on “catalogue” from the side bar.
2-click on “remove from catalogue” on the picture of the required item.

Alternative Scenario: none.

Post Condition: The item will be removed, and the item will not be available anymore in the catalogue for users to buy nor in search results.

Use case ID: 3.3

Use case: Add offers.

Actors: Vendor.

Description: The vendor will be able to add new offers.

Pre-Condition: The vendor should be logged in.

Main Success Scenario: 1-click on “catalogue” from the side bar ([Scr.7] in story board list).
2-click on “Add an Offer”.
3- Write description, amount of it, time left and upload a picture for it.

Alternative Scenario: none.

Post Condition: The item will be available in the catalogue for users to buy.

Use case ID: 4.1

Use case: Ban from site

Actors: Site Admin.

Description: Administrators can ban anyone from the site if they done something wrong.

Pre-Condition: The Administrator should be logged in; at least one user is registered.

Main Success Scenario: 1-Go to the database.
2-Check the user.
3-Click on Ban from site, then Confirm Request.

Alternative Scenario: none.

Post Condition: The User selected will be banned from the site.

Use case ID: 4.2

Use case: Check Database.

Actors: Site Admin.

Description: Administrators can check the database whenever they want.

Pre-Condition: The Admin should be logged in.

Main Success Scenario: 1-Click on "Main Database" from the sidebar ([Scr.8] in story board list).
2-The system will check the required database through (MySQL server).
3-The Page will redirect to "Main Database" spread sheet ([Scr.9] in story board list).

Alternative Scenario: none.

Post Condition: Main Database will be displayed in a spread sheet.

Use case ID:	4.3
Use case:	Grant Authority.
Actors:	Site Admin.
Description:	Administrators can grant authority to the website users.
Pre-Condition:	The Admin should be logged in.
Main Success Scenario:	1-Click on “Main Database” from the sidebar ([Scr.8] in story board list). 2-The system will check the required database through 3-The Page will redirect to “Main Database” spread sheet ([Scr.9] in story board list). 4- Click on a user; Press on Grant authority. 6- Check the group of authorities to be given. 7- Press Grant, and then Confirm Request.
Alternative Scenario:	none.
Post Condition:	User, who got authorities granted, can use their powers now.

Use case ID: 4.4

Use case: Revoke Authority.

Actors: Site Admin.

Description: Administrator can revoke authorities given to a user.

Pre-Condition: The Admin should be logged in.

Main Success Scenario: 1-Click on “Main Database” from the sidebar ([Scr.8] in story board list).
2-The system will check the required database through.
3-The Page will redirect to “Main Database” spread sheet ([Scr.9] in story board list).
4- Click on a user; Press on Revoke authority.
6- Check the group of authorities to be taken.
7- Press Revoke, and then Confirm Request.

Alternative Scenario: none.

Post Condition: User, who got authorities revoked, can no longer use their powers now.

Use case ID: 5.1

Use case: Provide Delivery Date and courier.

Actors: Delivery System

Description: The Delivery System should provide date and courier to deliver items.

Pre-Condition: There’s at least one available delivery request.

Main Success Scenario: 1- Check delivery request.
2- Notify Company, calculate the time requested for delivery.

Alternative Scenario: none.

Post Condition: Delivery Date will be emailed to the user.

Use case ID: 5.2

Use case: Notify With Delays.

Actors: Delivery System

Description: The Delivery System should provide any delays for delivery requests.

Pre-Condition: There's at least one available delivery request in progress.

Main Success Scenario:

- 1- Check delivery requests.
- 2- Notify Company if there's any delays.
- 3- Website and user get notified with delays and the available time to deliver the request.

Alternative Scenario: none.

Post Condition: Updated Delivery Date will be emailed to the user, and the website admin get notified.

F. Story Boards

User Name: Label 1
Password: Label 2

Home page

Product 1

Product 2

Product 3

Product 4

Product 5

Product 6

(Screen 1)

- Brief:
 - You enter the website and want to login
 - or sign up
- Database:
 - Main Database (Users Database)
- Exception
 - Password field is empty
 - Username field is empty
 - Username is wrong
 - Password is wrong
- Interaction:
 - If users clicked Log in button, and the password field is empty go to (screen 6)
 - If the user clicked signup button, will go to (screen 2)

Scouts Egypt Shop's Registration

Name:	Label 1
Age:	Label 2
Country:	Label 3
Username:	Label 4
Password:	Label 5
Email:	Label 6
Address:	Label 7

(Screen 2)

- Brief:
 - When the user want to sign up he will get redirected to this screen.
- Database:
 - Main Database
- Exceptions:
 - Username is taken
 - Wrong password format
 - Wrong Email format
 - Password field is empty
 - Username field is empty
 - Email field is empty

- Interaction:
 - If user clicked Complete registration button, without filling the username field; go to (screen 3)
 - If user wrote a taken username; go to (screen 3)
 - If user clicked Complete registration button, without filling the password field; go to screen(Screen 4)
 - If user wrote wrong password format; go to (screen 4)
 - If user clicked Complete registration button, without filling the email field; go to (screen 5)

Scouts Egypt Shop's Registration

Name:		Label 1
Age:		Label 2
Country:		Label 3
Username:		Label 4
Password:		Label 5
Email:		Label 6
Address:		Label 7

Complete Registration

(Screen 3)

Brief:

- o When the user fills the form, and there's a mistake in the username or else.

- Database:

- o Main Database.

- Exceptions:

- o Wrong password format.
 - o Wrong Email format.
 - o Password field is empty.
 - o Email field is empty.

- Interaction:

- o If he clicked on complete registration button, it will navigate to another screen completing the form. (Screen - N/A)
 - o If user clicked complete registration button, without filling the password field; go to (Screen 4).
 - o If user wrote wrong password format; go to (screen 4).
 - o If user clicked complete registration button, without filling the email field; go to (screen 5).

Scouts Egypt Shop's Registration

Name:	Label 1
Age:	Label 2
Country:	Label 3
Username:	Label 4
Password:	Label 5
Email:	Label 6
Address:	Label 7



Complete Registration

(Screen 4)

- Brief:
 - When the user fills the form, and there's a mistake in the password or else.
- Database:
 - Main Database.
- Exceptions:
 - Username is taken.
 - Wrong Email format.
 - Username field is empty.
 - Email field is empty.

- Interaction:
 - If he clicked on complete registration button, it will navigate to another screen completing the form. (Screen - N/A)
 - If user clicked complete registration button, without filling the username field; go to (screen 3).
 - If user wrote a taken username; go to (screen 3).
 - If user clicked complete registration button, without filling the email field; go to (screen 5).

Scouts Egypt Shop's Registration

Name:	Label 1
Age:	Label 2
Country:	Label 3
Username:	Label 4
Password:	Label 5
Email:	Label 6
Address:	Label 7



Complete Registration

(Screen 5)

- Brief:
 - When the user fills the form, and there's a mistake in the password or else.
- Database:
 - Main Database.
- Exceptions:
 - Username is taken.
 - Wrong password format.
 - Username field is empty.
 - password field is empty.

- Interaction:
 - If he clicked on complete registration button, it will navigate to another screen completing the form. (Screen - N/A)
 - If user clicked complete registration button, without filling the username field; go to (screen 3).
 - If user wrote a taken username; go to (screen 3).
 - If user clicked complete registration button, without filling the password field; go to (Screen 4).
 - If user wrote wrong password format; go to (screen 4).

The screenshot shows a web application interface for 'متجر الكشافة المصرية' (Egyptian Scout Store). At the top left, there is a login form with 'User Name:' and 'Password:' labels, each followed by a text input field (labeled 'Label 1' and 'Label 2' respectively). Below these are 'Log in' and 'Sign Up' buttons. To the right of the login form is a search bar with the placeholder text 'Search Website' and a 'Search' button. The main content area features a blue banner labeled 'Home page' and a grid of six product boxes arranged in two rows of three. The boxes are labeled 'Product 1', 'Product 2', 'Product 3' in the top row, and 'Product 4', 'Product 5', 'Product 6' in the bottom row.

(Screen 6)

- Brief:
 - When the user fills the login form, and there's a mistake in the password.
- Database:
 - Main Database.
- Exceptions:
 - Username is wrong.
 - Wrong password.
 - Username field is empty.
 - Password field is empty.

- Interaction:
 - When the user enters the wrong password, show the error again [Stay on same Screen].
 - When the user press login button, go to (screen 7).



(Screen 7)

- Brief:
 - When the user login the website.
- Database:
 - Main Database.
 - Product Database.
 - Offers Database.
- Exceptions:
 - No Exception.

- Interaction:
 - If a user clicks on homepage, stay on same screen.
 - If a user clicked on About us change to (screen – N/A)
 - If a user clicked on What's New change to (screen – N/A)
 - If a user clicked on Catalogue change to (screen – N/A)
 - If a user clicked on Categories change to (screen – N/A)
 - If a user clicked on Social Media change to (screen – N/A)
 - If a user clicked on Contact us change to (screen – N/A)
 - If a user clicked on hot products change to (Screen – N/A)
 - If a user clicked on Offers to (Screen – N/A)
 - If a user clicked on My Favorite's to (Screen – N/A)



(Screen 8)

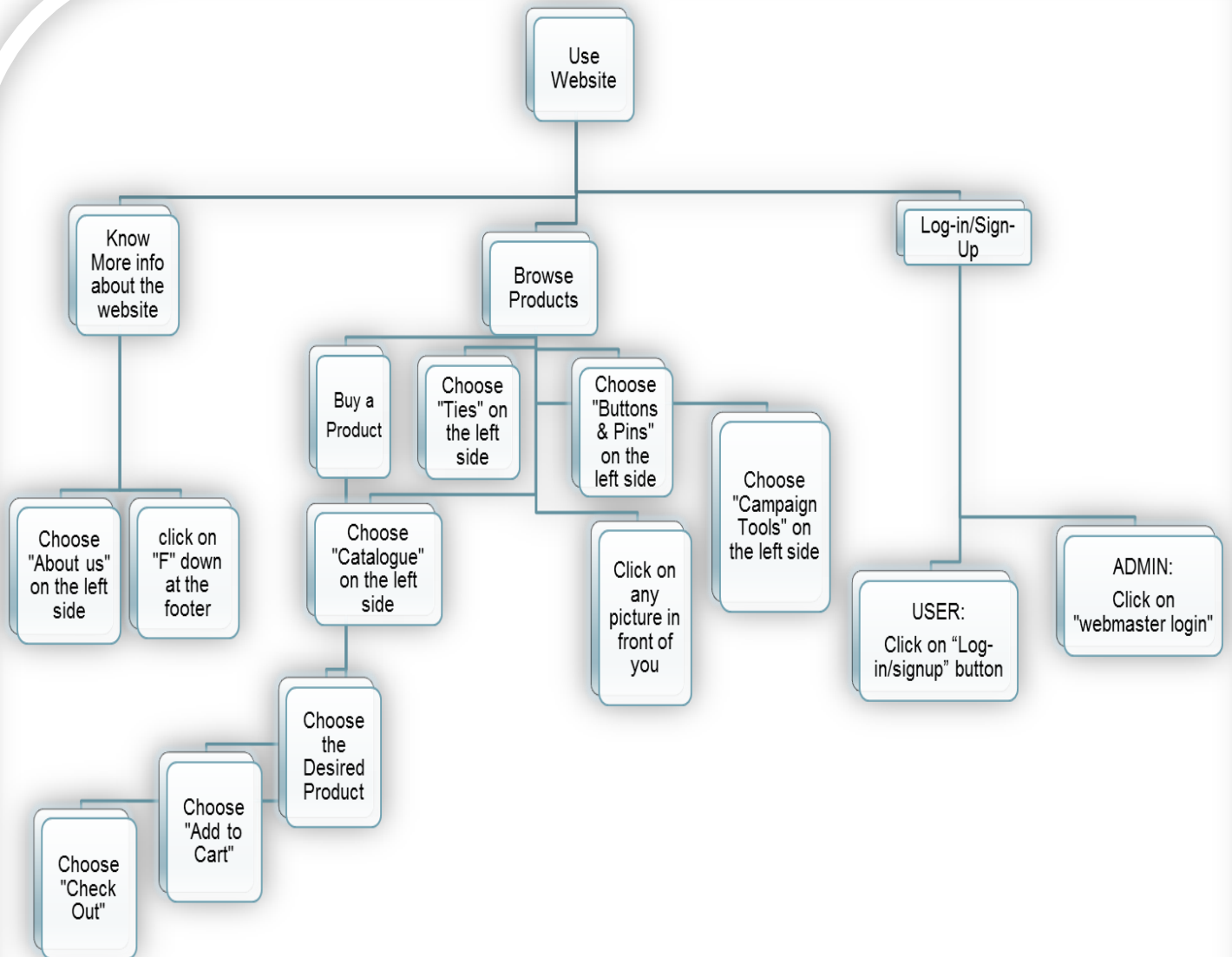
- Brief:
 - When the user login as an administrator to the website.
- Database:
 - Main Database.
 - Product Database.
 - Offers Database.
 - Orders Database
- Exceptions:
 - No Exception.

- Interactions:
 - If the Admins Clicked on Main Database link, go to (screen 9).

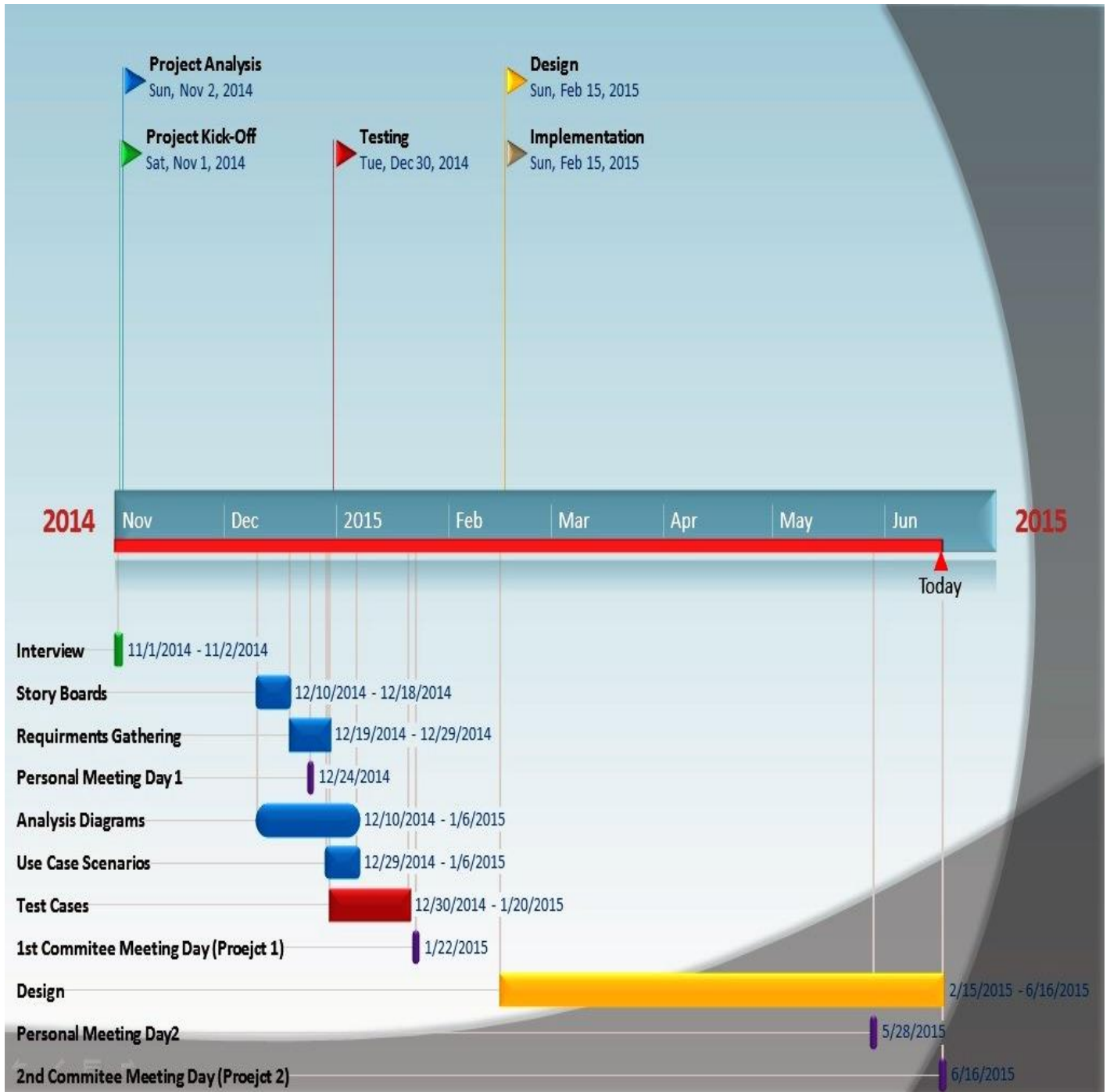
G. What is Wix.com?

- ⦿ WIX.com is an online web design (and implementation) tool
- ⦿ It's also a host, that upload your website (with its Own advertisement)
- ⦿ It has different applications that you can use to design your website
- ⦿ After Finishing the design, you can publish the website for public use
- ⦿ To open an online store, and see the code; you need to subscribe to it yearly!
- ⦿ Tools used:
 - ⦿ Member login button
 - ⦿ Admin/webmaster login
 - ⦿ Grid Gallery [For Home Page]
 - ⦿ Social Bar (Facebook) [linked to website owners group]
 - ⦿ Texts with Hyper Links
 - ⦿ Product Gallery [For Products]
 - ⦿ Social Bar
 - ⦿ (Not a tool) Duplicate Pages [English – Arabic]
- ⦿ Website properties used:
 - ⦿ Static
 - ⦿ Hierarchical Structure (Wrong info said during Presentation)

H. Hierarchical Task Analysis (HTA)



I. Time Line



J. Website Samples





English

Login/Sign up



للتواصل مع المهندس/ مينا : 9012345678910+

متجر الكشافة المصرية



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Webmaster Login



Contacts

Search Contacts...

More Actions ▾

+ Add Contact

Send Newsletter

GROUPS:

All Contacts

Customers

Site Members

Requests

Blocked

Contacted Me

Subscribers

New Group

Filter Contacts

All Name Email Phone Last Action ▾

Getting site members is a great way
to build loyalty and relationships



- Start getting & managing site members with ease
- Approve exclusive friends and guests
- Have a login button appear directly on your site

[Learn more](#) about adding the Member Login App.



Arabic

Egypt Scouts Shop

Login/Sign up



Eng. Mina: +9012345678910

Home

About Us

Catalogue

Buttons & Pins

Camping Tools

Ties

Others

Sign up

I'm already a user, [Login](#)

Email

Password

Retype password

[Cancel](#)

[GO](#)

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Webmaster Login



K. References

- Report Guide:
 - http://www.google.com.sg/url?sa=t&rct=j&q=&esrc=s&source=web&cd=3&cad=rja&uact=8&ved=0CCEQFjAC&url=http%3A%2F%2Ffet.mmu.edu.my%2Fv4%2Fundergraduate%2FFYP_Template_and_Guidelines.docx&ei=ncWBVcqbOcnw-QG_xpawCg&usg=AFQjCNGxFukCOJfbN1yyEWeU2E_woYdGlg&sig2=vSb7VdiEpAta4meqZGwhIA
- Human-Computer Interaction Book (Third Edition), from Pearson University.

