

At Zara Therapy Clinic

Supervisor: *LÊ THANH NHÂN*

Semester: *I*

Batch No: *T1.2209.M0*

Group No: *05*

Order:	Full name	Roll No.
1.	<i>Nguyễn Thành Trung</i>	<i>Student1416054</i>
2.	<i>Nguyễn Hoàng Thiên Ân</i>	<i>Student1421297</i>
3.	<i>Nguyễn Hữu Duy Khang</i>	<i>Student1420700</i>
4.	<i>Nguyễn Nam Khánh</i>	<i>Student1420718</i>

Month: 12 Year: 2022

This is to certify that

Mr. Nguyễn Thành Trung

.....
Mr. Nguyễn Hoàng Thiên Ân

.....
Mr. Nguyễn Hữu Duy Khang

.....
Mr. Nguyễn Nam Khánh

.....
Have successfully Designed & Developed

At Zara Therapy Clinic

Submitted by:

Mr. LE THANH NHAN

Date Of Issue:

Authorized Signature:

Content

Content

Acknowledge

Synopsis

Review1 (điền số trang theo thực tế)

Review2 (điền số trang theo thực tế)

Review3 (điền số trang theo thực tế)

Testting Document (điền số trang theo thực
tế)

Final Checklist..... (điền số trang theo thực tế)

Tasksheet (điền số trang theo thực
tế)

Acknowledge

As we know eproject is an environment that simulates like a class room or lab. It's a projection at your fingertips. Live on the machine which allows you to :

- ✓ Practice step by step i.e. ladder approach.
- ✓ Build a larger more robust application.
- ✓ Usage of certain utilities in applications designed by user.
- ✓ Single program to unified code leading to a complete application.
- ✓ Learn implementation of concepts in a phased manner.
- ✓ Enhance skills and add value.
- ✓ Work on real life projects.
- ✓ Give a real life scenario and help to create applications more complicated and useful.
- ✓ Mentoring through email support.

We would like to send a great thank to our professor and others student for the adorable supports during the time in project.

And beside the mistakes we've made in the project we hope to widen our knowledge for the developing world.

With that said today we as group 5 are going to present our eproject to you. The aim of our project is about health, therapy for people who need it.

We also thank you so much for your information and the "demo" project from India APTECH to help us get more reality experience in this project. Since we have gained more experience from this project, we will not stop learning anything as much as we can to be more successful in the future.

Your Sincerely,

Team Group 05.

Synopsis

The object we have is to create a sample project for real life work projects. For those to give us help for larger projects.

the problem

Ten million surgical procedures take place in the UK per year, with cancellation rates at around 20%. Currently hospitals use non-standardised paper based preoperative assessments, conducted by clinical staff during a 45-minute hospital visit, which can extend upwards of 3 hours for some patients. This is a resource intensive process often completed too close to the surgical procedure to reallocate resources should a cancellation occur.

The solution

Synopsis Healthcare provides a more efficient process of preoperative assessments using an online assessment questionnaire. This allows hospitals to focus staff resources more effectively in managing theatre throughput, and allows up 40% of low risk patient to avoid having to attend a full pre-operative clinic. Resources can then be better focused on higher-risk patients. Synopsis helps reduce surgery cancellations, improve efficiency and productivity, better manage patient safety risk, improve patient experience, and increase revenue reimbursement.

Total Benefits of £65 million could be realised from:

- Efficiency of collecting pre-operative data
- Reduced cancellations (current cancellation rate is ~20%)
- Active customer Southend University Hospital, Essex, reduced pre-assessment process from 44% costs down to 31% running costs, saving the small unit £80,000 a year.

Design Plan: At Zara Therapy Clinic	Document Name: Problem Definition	SWD/Form No.01/PD/Ver1.0
Effective Date: 07-012-2022	Version 1.0	Page No: 4 of 17

Problem Definition

1. Medical physics is a branch of applied physics that utilizes physical sciences to prevent, diagnose, and treat human diseases. Medical physics can be categorized into multiple sub-groups: medical imaging physics, radiation oncology physics, non-ionizing medical radiation physics, nuclear medicine physics, medical health physics, and physiological measurements.

Medical physics primarily focuses on ionizing radiation measurement, magnetic resonance imaging, and applying physics-based technologies (lasers and ultrasound) in medicine.

The term "medical physics" was first introduced by Félix Vicq d'Azir, a French physician, anatomist, and the general secretary of the Royal Society of Medicine, in Paris in 1778. In 1814, the most appropriate definition of medical physics was introduced in the revised edition of Nysten's medical dictionary. In this edition, medical physics was defined as *"physics applied to the knowledge of the human body, to its preservation and to the cure of its illnesses."*

2. Medical physicists are healthcare professionals who have specialized training in applying physics concepts and technologies in medicine. They primarily work in clinical setups or in academic and research institutions. The key roles and responsibilities of medical physicists include the application of medical physics techniques for the diagnosis and treatment of human diseases and the protection of medical staff and patients from ionizing and non-ionizing radiation hazards.

Medical physicists specialized in radiation therapy are primarily involved in providing radiation treatments for cancer patients in collaboration with oncologists and other therapists. The treatments mostly include brachytherapy, wherein a radiation source is placed inside the body, or external beam radiation therapy, wherein linear accelerator-generated radiation is carefully delivered to affected tissues.

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Signature		
Date		

Design Plan: At Zara Therapy Clinic	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
Effective Date: 7-12-2022	Version 1.0	Page No: 5 of 20

Medical physicists specializing in medical imaging are engaged in developing and maintaining various imaging techniques, including x-ray, computed tomography scan (CT-scan), and magnetic resonance imaging.

Medical physicists specialized in nuclear physics mostly conduct functional imaging of patients using positron emission tomography (PET), gamma camera, and biological substances labeled with radioactive markers (radiopharmaceuticals).

3.the problems

- bones, joints and soft tissue – such as back pain, neck pain, shoulder pain and sports injuries, sprains, broken arms and legs
- brain or nervous system – such as movement problems resulting from a stroke, multiple sclerosis (MS) or Parkinson's disease, brain infarction disease
- heart and circulation – such as rehabilitation after a heart attack
- lungs and breathing – such as chronic obstructive pulmonary disease (COPD) and cystic fibrosis, covid-19
- education and advice – physiotherapists can give general advice about things that can affect your daily lives, such as posture and correct lifting or carrying techniques to help prevent injuries
- movement, tailored exercise and physical activity advice – exercises may be recommended to improve your general health and mobility, and to strengthen specific parts of your body
- manual therapy – where the physiotherapist uses their hands to help relieve pain and stiffness, and to encourage better movement of the body
- Preventable Medical Errors

Customers can

- send a feedback for us to be better.
- look into more problems with healthcare.
- apply for membership for additional benefits.

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Design Plan: At Zara Therapy Clinic	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
Effective Date: 7-12-2022	Version 1.0	Page No: 5 of 20

Customer Requirements Specifications

User:

input:

- Customer registration data

- Customer detail to choose

- Inform customers need advice

- Suggestions for staff

Process:

- Find disease detail

- Find detail about medical examination services

- Search for an appointment with a doctor

- Search for therapeutic tools

- Check member registration detail

- Check the comment detail

Output:

- Notification of successful/failed registration

- Details about the selected examination service

- Details about the disease

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Design Plan: At Zara Therapy Clinic	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
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- Details about therapeutic instruments

- Details about appointments with doctors

- Notice of success/failure suggestions

Webmaster:

input:

- Login with admin detail
- Service detail to make an appointment with a doctor
- Detail about treatments to add/edit/delete
- Detail about therapists to add/edit/delete
- Detail about physiotherapists Add/edit/delete
- Respond to employee comments

Process:

- Add/edit/delete disease detail
- Add/edit/delete medical services
- Add/edit/delete treatments
- Add/edit/delete therapeutic medical devices

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Design Plan: At Zara Therapy Clinic	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
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- Add/edit/delete doctor's information
- Remove member
- Check feedback information
- Delete comments

Output:

- Notification of login success/failure
- Announcement of adding/editing/deleting successful/failure disease information
- Notification of adding/editing/deleting successful/failure doctor information
- Notification of successful/failed adding/editing/deleting medical devices
- Notice of successful/failed member deletion
- Notification of successful/failed feedback response
- Notice of successful/failed comment deletion

Hardware / software requirement:

Software:

Sever:

- Pentium 4, 1.8 Ghz or better
- 512 MB of RAM

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Design Plan: At Zara Therapy Clinic	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
Effective Date: 7-12-2022	Version 1.0	Page No: 5 of 20

- 300MB of HDD capacities available_

Client:

- Pentium III, 500 Mhz
- 256 MB of RAM

- **Hardware:**

Sever:

- OS with Windows XP SP2
- IE 5.0/Netscape 6.0
- SQL Sever 2008
- Dreamweaver MX 2004
- Internet Information Services (IIS)

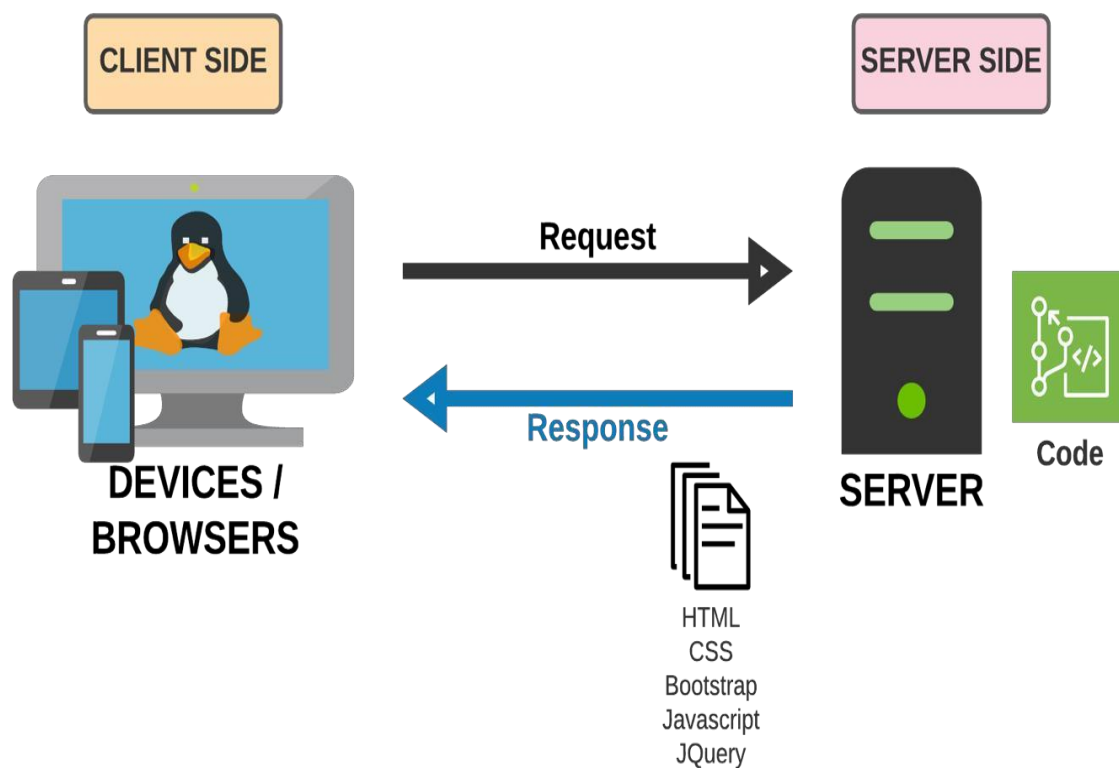
Client:

- IE 5.0/Netscape 6.0
- Flash player 8

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Design Plan: At Zara Therapy Clinic	Document Name: Architecture and design of the project	SWD/Form No.03/ARD/Ver1.0
Effective Date: 07-012-2002	Version 1.0	Page No: 5 of 17

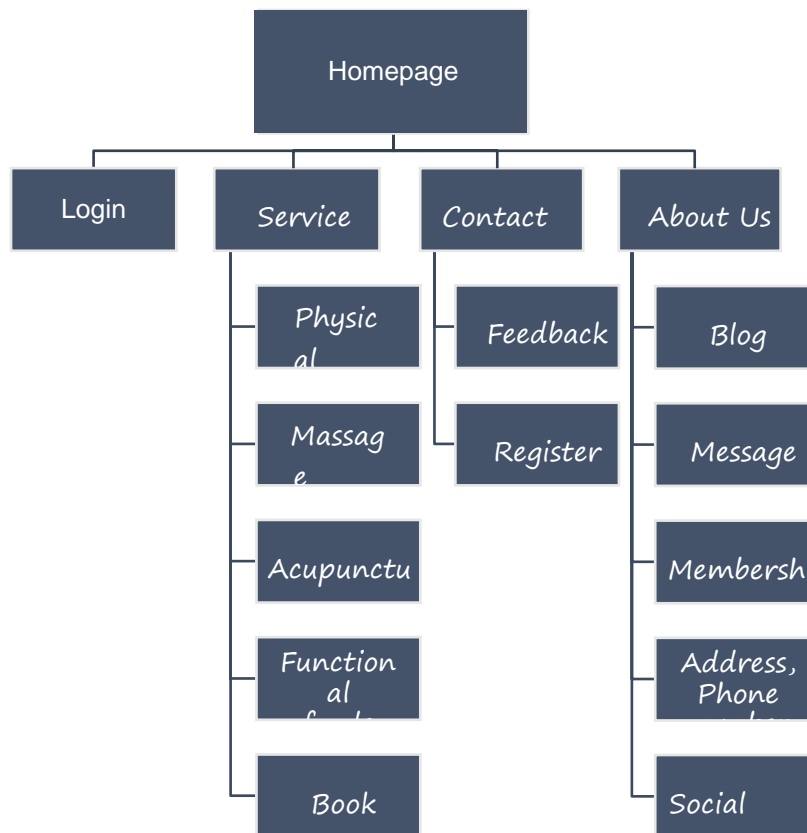
Architecture and design of the project



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Design Plan: At Zara Therapy Clinic	Document Name: SiteMap	SWD/Form No.04/SM/Ver1.0
Effective Date: 07-12-2022	Version 1.0	Page No: 6 of 17

SiteMap



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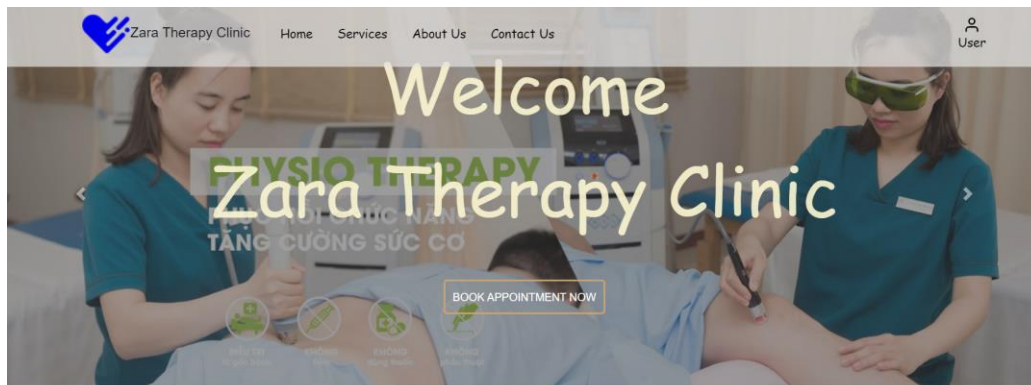
Design Plan: At Zara Therapy Clinic	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 07-12-2022	Version 1.0	Page No: 7 of 17

Screen shots

Ví dụ cách thứ nhất: (Khuyến cáo sử dụng) **I.**

Homepage:

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Physiotherapy - Traditional Medicine

Treatment of the disease with a combination of Eastern and Western Medicine methods, without drugs, without surgery. Combined with Acupuncture techniques, outstanding Acupressure are modern techniques from the US, bringing long-term effects, quick pain relief, thoroughly solving the root cause.

[More Info](#)

Professional service - Free consultation

Our five physiotherapists have a combined 120 years of clinical experience and a shared passion for helping our community stay active. Our doctors are happy to advise you free of charge and guide you to the best possible service to suit your medical needs. Just give us a call and make a reservation for a consultation

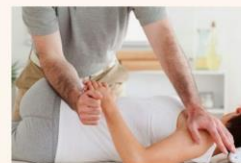
[More Info](#)



SEE THE DOCTORS HERE



Other Disputes



[View more](#)

About Us

At Zara Therapy Clinic, we offer a comprehensive range of services to meet the needs of adults, seniors and pediatric patients

Opening Hours

Monday : Closed
Tue-Wed : 9:Am - 10PM
Thu-Fri : 9:Am - 10PM
Sat-Sun : 5:PM - 10PM

Contact Information

590 August Revolution, District 3, Ho Chi Minh City.
Phone: +84 338 805 198
Email: zaratherapyclinic@gmail.com

Subscribe

Enter Email...

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Description : Home User Navigation,Used to navigate small menus

From : Home page

To : Service,Contact Us,About Us,Login

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Design Plan: At Zara Therapy Clinic	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
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Ví dụ cách thứ hai:

I. Service:


[Home](#)
[Menu](#)
[About](#)
[Contact Us](#)
[Blogs](#)
User

Products




GYM-PRODUCTS

70€




ORTHOTICS

56€



BRACES

55€



SPORT TAPING (KINESIO TAPE)

50€

About Us

At our clinic we offer a wide range of comprehensive services to meet the needs of adults, seniors, and pediatric patients.

Opening Hours

Monday : Closed
Tue-Wed : 9:Am - 10PM
Thu-Fri : 9:Am - 10PM
Sat-Sun : 9:AM - 8PM

Contact Information

590 August Revolution, District 3, Ho Chi Minh City.
Phone: +84 90 6145 259
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II: Aboutus

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Date		



ABOUT US



What is Physiotherapy?

Physiotherapy is a clinical specialty of medicine, applying techniques based on physical, physiological, and psychological factors ... acting directly or indirectly on the body to cause stimulation. and treat some diseases.

With special advantages, treating the disease without drugs, VLTL has quickly gained the upper hand. Due to the side effects of drugs or chemotherapy methods, there is an increased demand for natural remedies such as physical therapy. Many patients also hope to use physical measures to treat or avoid surgery.

History of Physiotherapy

Physiotherapy was born in 2500 BC (BC) in China, Hippocrates described massage and hydrotherapy in 460 BC and can be said to be a version of modern physical therapy methods today. Initially, Physiotherapy originated from massage to relieve fatigue, simple exercises to limit functional decline brought remarkable results. When scientific technology develops, physical therapy is no longer just simple exercise movements, people have learned to apply science and technology to physical therapy, and medical devices have begun to appear.

These devices are increasingly improved and constantly improve their features and uses. Among the three orthodox medical treatments including surgery, chemotherapy and physical therapy, Physiotherapy has a long history and ups and downs. Thousands of years BC some physical agents such as heat, cold, magnetic field of natural magnet stone, ... have been used to cure diseases. Until the end of the 17th century they were still considered the basic therapies of medicine (Beckeer, 1990).



About Us

we are one of the best quality therapy clinics in Vietnam that you can trust. we provide therapy with the highest quality standards in in-room direct care, with practices in a comfortable and professional environment, while ensuring that our healthcare solutions meet your individual needs.

Zara Therapy Clinic is committed to providing high-quality outpatient physical therapy services with modern facilities in many different locations across many countries. As healthcare leaders, we partner with groups and events in the communities we serve.


Our focus on continuing education of our physical therapists is unmatched and ensures our physical therapists understand and put into practice cutting-edge treatments and Rehabilitation techniques for all types of injuries and conditions.

STORE LOCATION



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Date		

III: ContactUS



Home services About Contact Us

User

CONTACT US


Name

Email

Messages

SEND

LOCATION



About Us

At our clinic we offer a wide range of comprehensive services to meet the needs of adults, seniors, and pediatric patients.

Opening Hours

Monday : Closed
Tue-Wed : 9:Am - 10PM
Thu-Fri : 9:Am - 10PM
Sat-Sun : 9:AM - 8PM

Contact Information

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Subscribe

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Date		

IV: Login

Login


Email


Password

Login

Don't have an account? [Sign up](#)

Or

 Login with Facebook

 Login with Google

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Signature		
Date		

Sign Up

Email

Your Email

Password

Your Password

Confirm Password

Confirm Password

Sign Up

Already have an account? [Login](#)

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Signature		
Date		

Design Plan: Doodle New Search Tool	Document Name: Testing document	SWD/Form No.06/TD/Ver1.0
Effective Date: 01-01-2002	Version 1.0	Page No: 9 of 17
Design Plan: Doodle New Search Tool	Document Name: Final checklist	SWD/Form No.07/FC/Ver1.0
Effective Date: 01-01-2002	Version 1.0	Page No: 10 of 17

Testing document

Sr.No	Features Tested	Remarks
1		
2		
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14		
15		

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Date		

Final checklist

Sr.No	Aspected Tested	Suggestion/ Remarks
1	Are all the users able to view the images and links?	Yes
2	Have all the views, modules and controllers been properly integrated and is the site function as a single page application?	No
3	Are the GUI content devoid of spelling mistakes?	No
4	Is the application user-friendly?	Yes
5	Is the Website launching correctly in all popular browsers?	Yes
6	Are all the forms validated with proper criteria?	Yes
7	Do all text links lead to the appropriate website?	yes
8	Do all image links lead to the appropriate website?	No
9	Are all the images and links clearly visible on the page?	Yes
10	Does the Web page work properly in all the tested browsers?	Yes
11	Does the Web page take too long to be loaded fully?	No
12	Is the navigation sequences correct through all the Web pages on the site?	Yes
13		

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Signature		
Date		

	Is the JavaScript code working as expected in all click events?	
	(Sinh viên ghi thêm...)	

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Date		

Design Plan: Doodle New Search Tool	Document Name: Task Sheet	SWD/Form No.08/TS/Ver1.0
Effective Date: 01-01-2002	Version 1.0	Page No: 11 of 17

No	Member	Contents	Page Name	Activity Plan	Date of Preparation of Activity Plan		
				Planed Start Date	Actual Start Date	Actual Days	Status
1	Nguyễn Thành Trung	Hompage Login	Hompage.html	13-12-2022	14-12-2022	2	OK
2			Login.html	13-12-2022	14-12-2022	2	OK
1	Nguyễn Hoàng Thiên Ân	ContactUs Products	Products.html	13-12-2022	14-12-2022	2	OK
2			ContactUs.html	13-12-2022	14-12-2022	2	OK
1	Nguyễn Hữu Duy Khang	Service Search	Service.html	13-12-2022	14-12-2022	2	OK
2			Search.html	13-12-2022	14-12-2022	2	OK
1	Nguyễn Nam Khánh	AboutUS Register	Aboutus.html	13-12-2022	14-12-2022	2	OK
2			Register.html	13-12-2022	14-12-2022	2	OK

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 01	
Signature		
Date		