**KULLIYYAH OF INFORMATION & COMMUNICATION TECHNOLOGY**

## SEMESTER 2, 2021/2022

## INFO
## 3308
## PROJECT MANAGEMENT IN IT

# Final Report

## Website for IIUM Lecturer

**PREPARED BY:**

**Group F**

| NAME | MATRIC NO. |
|---|---|
| Asfi Ahmed | 1822729 |
| Wasiul Islam | 1822615 |

**LECTURER**

**Abdul Rafiez Bin Abdul Raziff (Dr.)**

**06/06/2022**

**Project Name or Identification** 2

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# Project Name

**Project Name:** Website for IIUM Lecturer

**End Product:** A functioning website that fulfil the client's requirements

**Client Name:** Dr. Norzariyah Yahya

# Project Stakeholders

| |
|---|
| **Names:** Asfi Ahmed<br><br>**Roles:** Project Manager<br><br>**Matric Number:** 1822729<br><br>**E-mail address:** asfiuia18@gmail.com |
| **Names:** Wasiul Islam<br><br>**Roles:** Web Developer<br><br>**Matric Number:** 1822615<br><br>**E-mail address:** islamwasiul.wi@gmail.com |

# Project Description

This project is about creating a website for a lecturer. The project is also under the supervision of our course lecturer Dr. Abdul Rafiez Bin Abdul Raziff. Hence, the lecturer we selected to make the website is Dr. Norzariyah Yahya. We got the main domain from ITD and the whole website is created on WordPress. The project started on 5/04/2022 and ended on 03/06/2022. It took total 59 days to complete the project. We communicated with our client, Dr. Norzariyah Yahya, who is an assistant professor from department of Computer Science of Kulliyyah of Information and Communication Technology. According to her requirements we continued our project and completed it. In this project, we followed five milestones and completed them in times. Also, we made SDLC, Gantt Chart, Network Diagram in order to keep track of the progress.

**Measurable Organizational Value (MOV)**

| **Areas of Impact** | **This Project will be successful if...** |
|---|---|
| Strategic | The lecturer should be able to use the website with full functionality. |
| Financial | There is no financial income/profit since this project is course based. |
| Operational | Build a functioning website for the lecturer. |
| Social | The website will help people to know more about our client clearly with ease. |

**Project Scope**

- **What will be included in the scope of this project**

This project includes a whole website for Dr. Norzariyah Yahya. The website will cover mainareas like- Home, Research & Publications, Teaching, Gallery and so on. These areas will have full details and information included as per areas mentioned.

- **What will be considered outside the scope of this project**

The website's main purpose is to give a clear overview on the lecturer. In this way, anyone can have a good and clear understanding and impression about our client.

**Project Schedule Summary**

- **Project start date**

  This project started on 05/04/2022

- **Project end date**

  This project ended on 03/06/2022

- **Timeline of project phase and milestones**

➔ Client approval

- Date: 05/04/2022

➔ Information gathering

- Date: 10/04/2022

➔ User requirement validation

- Date: 15/04/2022

➔ Designing website prototype

- Date: 25/04/2022

➔ Design approval

- Date: 29/04/2022

➔ Developing the website

- Date: 01/05/2022

➔ User acceptance completion

- Date: 20/05/2022

➔ Project closing

- Date: 27/05/2022

**Project Budget Summary**

- **No budget for this project.**

**Resources Required**

**People:**

1. Project Manager: Asfi Ahmed
2. Web developer: Wasiul Islam

**Technology:**

1. WordPress: For developing the website
2. WhatsApp: For communicating with the client
3. Google: High quality pictures for the header and blog
4. Gmail: For sending pictures

**Facilities:**

1. Laptop
2. Have good connection to access the internet

**Resources to be provided:**

- **Resources**

- Profile picture of the lecturer
- Detailed information and contents for the website including academic qualification, area of specialization, teaching, publications and research.
- Pictures of lecturer attending meetings and events.

- **Name of resource provider:** Dr. Norzariyah Yahya

**Assumptions used to develop estimates**

- **Phase: Interview client**
  - Estimates: Fixed duration

    It is of fixed duration because the standard time for interviewing client and obtaining all the needed requirements is no more than one day.

- **Phase: Plan project**
  - Analysis
    - Assess on other similar existing websites
    - Review client's requirements
    - Estimates: Fixed duration

      It is of fixed duration because by learning from previous past projects, the time needed to conduct analysis and reviewing references for a small-scale web development is no more than oneday.

- Identify all the tasks to be done
    - Development strategy
    - Estimates: Fixed Work

      The work that needs to be done is already clear based on the requirements given from the client.

- Define technical scope
    - Identify required functionality
    - Estimates: Fixed Work

      The work that needs to be done is already clear based on the requirements given from the client.

- **Key risks, probability of occurrence, and impact**
    - Design phase: The probability of the client rejecting the design and asking to re-do the design. The probability is not very high because specifications had been clearly stated in the interview phase. But if it did happen, it would affect the entire project duration and stretch the deadline's time.
    - Implementation phase: Unstable internet connection could sometimes affect the duration of the project.

- **Constraints**
  - Resources

    The technology that is being used to implement the design, which is WordPress. It does have many options for fonts and other things. The client accepted and agreed to proceed with the available resources that WordPress provided.
  - Time

    There are no time constraints because every requirement is already specified, and time has been properly estimated according to project phases and work breakdown structure.

- **Outstanding issues**

  There are no outstanding issues.

**Project Administration**

- **Communications plan**

- Interview phase: Before interviewing the client, we used Gmail to communicate with the client.
- Post-interview phase: After the interview, we used WhatsApp as the communication medium.

- **Scope management plan**

Scope for the project is already being listed in detail in the interview process. If there are any changes in scope, we have to communicate using WhatsApp or conduct meetings using google meet with developer and client. After we get all resources then the changes can be made.

- **Quality management plan**

The quality of the website has been managed and maintained strictly according to the client's requirements. Before launching and handing the website to the client. We will make sure to test the whole website again and ensure no problems and challenges occur and make sure the websites running and working. And make sure the linkage works properly.

- **Change management plan**

Determine what exactly needs to change, brainstorm potential solutions, and finally decide how to move forward with the changes. This will all be done with meeting with all of the key stakeholders

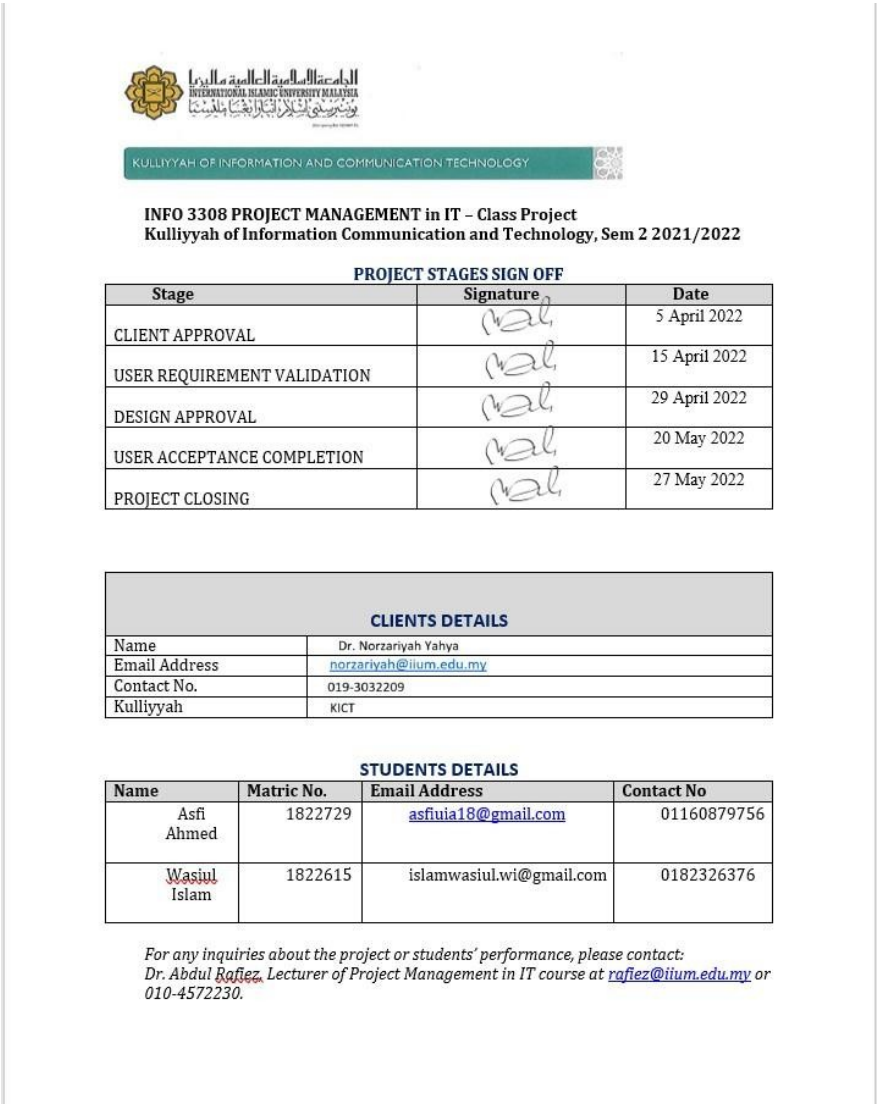
- **Human resources plan**

I will pretend to view the website as someone else to check on the website after implementation and make sure that the website does work according to the client's requirements. I will make sure to check on every page and make sure every navigation went smoothly.

- **Implementation and project closure plan**

There is no more data to change. The new website will be deployed once testing is completed. The project will be documented by the team. Project will come to a closure once the website is launched.

## Acceptance and Approval



KULLIYYAH OF INFORMATION AND COMMUNICATION TECHNOLOGY

**INFO 3308 PROJECT MANAGEMENT in IT – Class Project**
**Kulliyyah of Information Communication and Technology, Sem 2 2021/2022**

**PROJECT STAGES SIGN OFF**

| Stage | Signature | Date |
|---|---|---|
| CLIENT APPROVAL | | 5 April 2022 |
| USER REQUIREMENT VALIDATION | | 15 April 2022 |
| DESIGN APPROVAL | | 29 April 2022 |
| USER ACCEPTANCE COMPLETION | | 20 May 2022 |
| PROJECT CLOSING | | 27 May 2022 |

| CLIENTS DETAILS | |
|---|---|
| Name | Dr. Norzariyah Yahya |
| Email Address | norzariyah@iium.edu.my |
| Contact No. | 019-3032209 |
| Kulliyyah | KICT |

**STUDENTS DETAILS**

| Name | Matric No. | Email Address | Contact No |
|---|---|---|---|
| Asfi Ahmed | 1822729 | asfiuia18@gmail.com | 01160879756 |
| Wasiul Islam | 1822615 | islamwasiul.wi@gmail.com | 0182326376 |

*For any inquiries about the project or students' performance, please contact:*
*Dr. Abdul Rafiez, Lecturer of Project Management in IT course at rafiez@iium.edu.my or 010-4572230.*

**Appendix**

- **User Requirements**

**Header:** The client wanted to have a header containing a banner which will resemble the topic "Block chain" and "Information Technology". The primary color combination for overall theme of the website will be in "Blue & White' as per client's asking. Also, the developer can choose better color combination and get approval from the client.

**Sub header:** The sub header will contain the links of the pages which will be used in the website. The sub header will look like a stirp of buttons as the buttons will be the link to the pages.

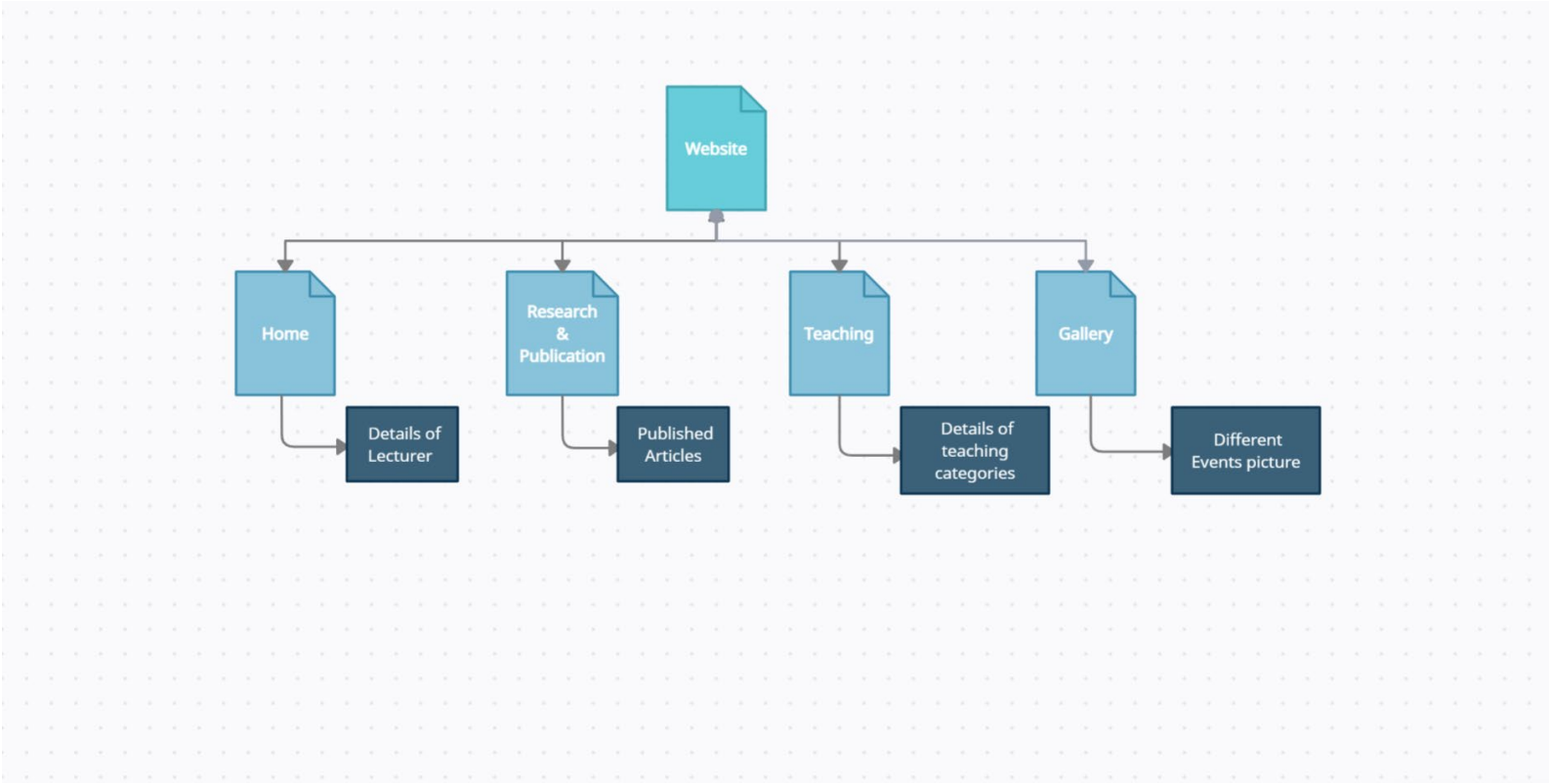
**Home page:** The home page of the website will have the photo of the client and a basic information and overview of the client's life. Also, at the bottom of the home page there will be a section which will contain the contact information at a glance including address. Also, the contents of this page will be provided by the client.

**Teaching page:** This page will contain the teaching experience of the client from the very beginning until now. The contents will be collected from authentic sources. Also, a brief description will be added to all the courses that the client has been teaching.

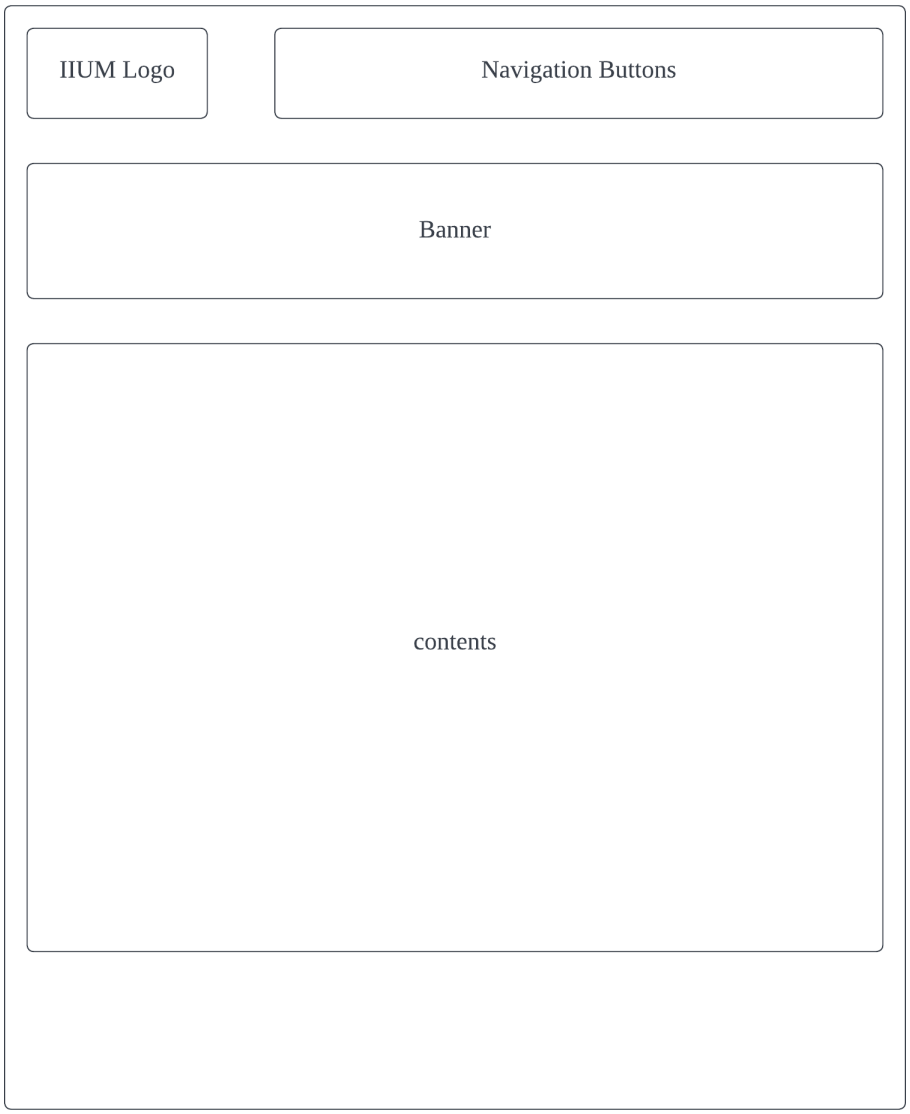
**Research/Publishes page:** This page will contain the information about all the researches and publishes that had been done the client. The contents will be collected from a trusted source and any additional information will be provided by the client.

**Gallery:** This page will contain various pictures of the client attending meetings, events, attending classes etc.

- **Site Map**


Website
Home
Research & Publication
Teaching
Gallery
Details of Lecturer
Published Articles
Details of teaching categories
Different Events picture

- **Page Layout**



# Project Website for IIUM Lecturer
## User Acceptance Testing (UAT)

**Project Name:** Website for IIUM Lecturer

**Project Sponsor:** STADD

**Service Owner:** Dr. Norzariyah Yahya, Assistant Professor, KICT

**Web Developer:** Wasiul Islam 1822615

**Project Manager:** Asfi Ahmed 1822729

**Document Date:** 20 May 2022

| UAT Risks | | | |
|---|---|---|---|
| **Description** | **Probability High\|Med\|Low** | **Impact High\|Med\|Low** | **Mitigation** |
| **Accidental File Deletion** | **Low** | **Med** | **Backup files on regular basis to prevent data loss** |
| **Traffic Jams** | **Low** | **Med** | **Prioritize Network Traffic** |

| UAT Team Roles & Responsibilities | | |
|---|---|---|
| **Name** | **Roles** | **Responsibilities** |
| Wasiul Islam | Web Developer | Identify User Requirement and web development |
| Asfi Ahmed | Project Manager | Perform system Analysis and web development |

# UAT Test Results

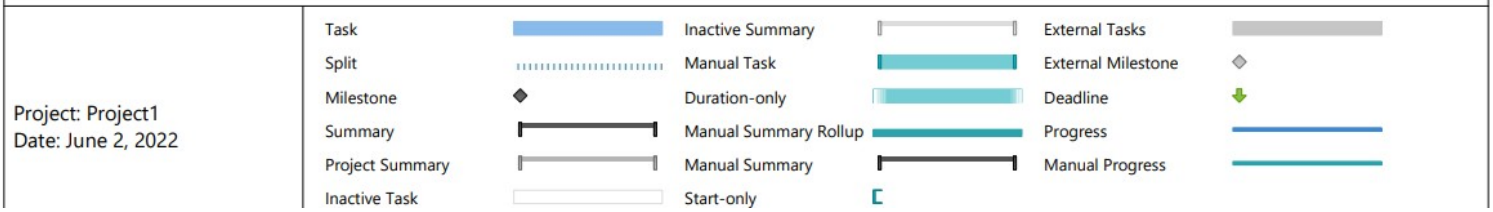
| ID | Test Cases | Execution | Expected Result | Pass/Fail | Date Tested |
|---|---|---|---|---|---|
| **Home** | | | | | |
| 1 | Open the website | http://norzariyah.staffat.iium.edu.my | Home Page | Pass | 20/05/2022 |
| 1.1 | Authenticity of the information | Information on the site | Displays valid news/info | Pass | 20/05/2022 |
| 1.2 | Appropriate fonts and test alignment | Font/Alignment | Perfect font and alignment | Pass | 20/05/2022 |
| 1.3 | Webpage interaction | Navigation | Easy and smooth navigation | Pass | 20/05/2022 |
| 1.4 | Correct webpage order | Webpage order | Correct order | Pass | 20/05/2022 |
| **Research & Publication** | | | | | |
| 2 | Go to next page (Research & Publication) | Click on '' Research & Publication" | Research & Publication | Pass | 20/05/2022 |
| 2.1 | Authenticity of the information | Information on the site | Displays valid news/info | Pass | 20/05/2022 |
| 2.2 | Appropriate fonts and test alignment | Font/Alignment | Perfect font and alignment | Pass | 20/05/2022 |
| 2.3 | Webpage interaction | Navigation | Easy and smooth navigation | Pass | 20/05/2022 |
| 2.4 | Correct webpage order | Webpage order | Correct order | Pass | 20/05/2022 |
| **Teaching** | | | | | |
| 3 | Go to next page (Teaching) | Click on ''Teaching" | Teaching | Pass | 20/05/2022 |
| 3.1 | Authenticity of the information | Information on the site | Displays valid news/info | Pass | 20/05/2022 |
| 3.2 | Appropriate fonts and test alignment | Font/Alignment | Perfect font and alignment | Pass | 20/05/2022 |
| 3.3 | Webpage interaction | Navigation | Easy and smooth navigation | Pass | 20/05/2022 |
| 3.4 | Correct webpage order | Webpage order | Correct order | Pass | 20/05/2022 |

| Gallery | | | | | |
|---|---|---|---|---|---|
| 4 | Go to next page (Gallery) | Click on “Gallery” | Gallery | Pass | 20/05/2022 |
| 4.1 | Authenticity of the information | Information on the site | Displays valid news/info | Pass | 20/05/2022 |
| 4.2 | Appropriate fonts and test alignment | Font/Alignment | Perfect font and alignment | Pass | 20/05/2022 |
| 4.3 | Webpage interaction | Navigation | Easy and smooth navigation | Pass | 20/05/2022 |
| 4.4 | Correct webpage order | Webpage order | Correct order | Pass | 20/05/2022 |

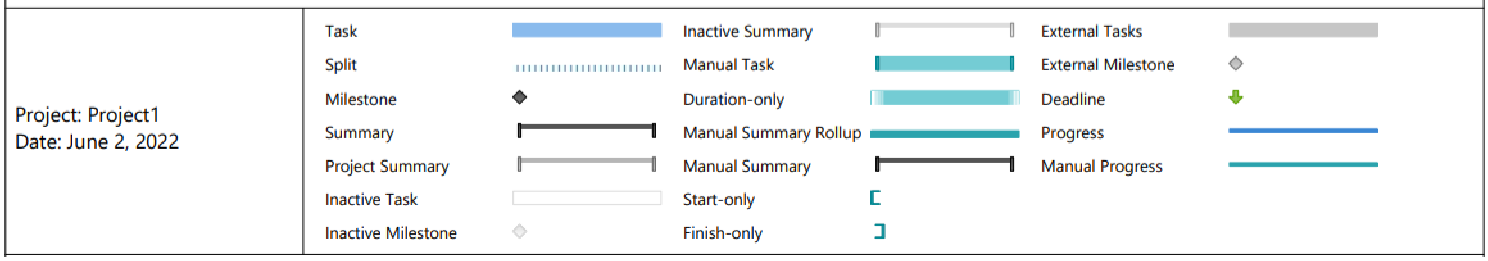
| Document Signatures | | | |
|---|---|---|---|
| **Role** | **Name** | **Signature** | **Date** |
| **Service Owner** | NORZARIYAH BINTI YAHYA | | 20/05/2022 |
| **Project Manager** | Asfi Ahmed | Asfi Ahmed | 20/05/2022 |
| **Web Developer** | Wasiul Islam | Wasiul Islam | 20/05/2022 |

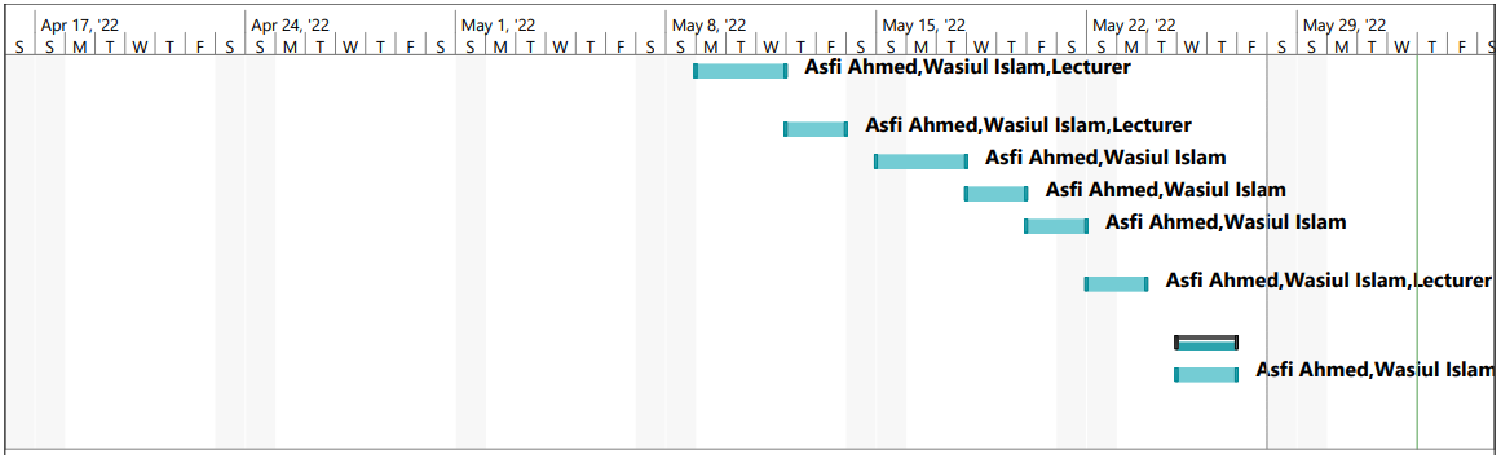
- Gantt Chart

| ID | Task Mode | Task Name | Duration | Start | Finish | Predecessors | Resource Names |
|---|---|---|---|---|---|---|---|
| 1 | | **Website For IIUM Lecturer** | **40 days** | **April 5, 2022** | **May 27, 2022** | | Asfi Ahmed,Wasiul |
| 2 | | **Milestone 1** | **5 days** | **April 5, 2022** | **April 9, 2022** | | **Asfi Ahmed,Wasi** |
| 3 | | Find a client from the list | 2 days | April 6, 2022 | April 7, 2022 | | Wasiul Islam,Lecturer,As |
| 4 | | Client Approval | 1.33 days | April 7, 2022 | April 8, 2022 | | Lecturer,Asfi Ahm |
| 5 | | **Milestone 2** | **6 days** | **April 10, 202** | **April 15, 202** | | **Asfi Ahmed,Wasi** |
| 6 | | Arrange a meeting with | 2 days | April 10, 2022 | April 11, 2022 | | Asfi Ahmed,Wasiul |
| 7 | | Gather user requirement | 3 days | April 11, 2022 | April 13, 2022 | | Asfi Ahmed,Wasiul |
| 8 | | Review user requirement with client | 2 days | April 14, 2022 | April 15, 2022 | | Asfi Ahmed,Wasiul Islam |
| 9 | | **Milestone 3** | **11 days** | **April 16, 202** | **April 29, 202** | | **Asfi Ahmed,Wasi** |
| 10 | | Getting domain from client | 3 days | April 17, 2022 | April 19, 2022 | | Asfi Ahmed,Wasiul |
| 11 | | Start creating pages in the | 4 days | April 20, 2022 | April 24, 2022 | | Asfi Ahmed,Wasiul |
| 12 | | Ask client to check the | 2 days | April 25, 2022 | April 26, 2022 | | Asfi Ahmed,Wasiul |
| 13 | | Client's approva | 2 days | April 27, 202 | April 28, 202 | | Asfi Ahmed,Wasiu |
| 14 | | **Milestone 4** | **18 days** | **April 30, 202** | **May 24, 202** | | **Asfi Ahmed,Wasi** |
| 15 | | Start developing the | 7 days | May 1, 2022 | May 8, 2022 | | Asfi Ahmed,Wasiul |



| ID | Task Mode | Task Name | Duration | Start | Finish | Predecessors | Resource Names |
|---|---|---|---|---|---|---|---|
| 16 | | Getting content from client | 3 days | May 9, 2022 | May 11, 2022 | | Asfi Ahmed,Wasiul |
| 17 | | Review with clie | 2 days | May 12, 2022 | May 13, 2022 | | Asfi Ahmed,Wasiu |
| 18 | | Small correction | 3 days | May 15, 2022 | May 17, 2022 | | Asfi Ahmed,Wasiu |
| 19 | | Create UAT tem | 2 days | May 18, 2022 | May 19, 2022 | | Asfi Ahmed,Wasiu |
| 20 | | Implement UAT with client | 2 days | May 20, 2022 | May 21, 2022 | | Asfi Ahmed,Wasiul |
| 21 | | Website approved by | 2 days | May 22, 2022 | May 23, 2022 | | Asfi Ahmed,Wasiul |
| 22 | | **Milestone 5** | **2 days** | **May 25, 2022** | **May 26, 2022** | | **Asfi Ahmed,Wasi** |
| 23 | | Provide the evaluation form | 2 days | May 25, 2022 | May 26, 2022 | | Asfi Ahmed,Wasiul |
| 24 | | | | | | | |

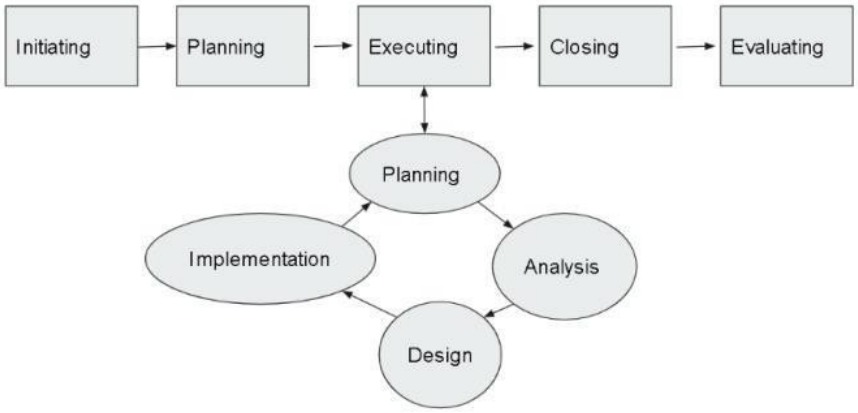





Project: Project1
Date: June 2, 2022

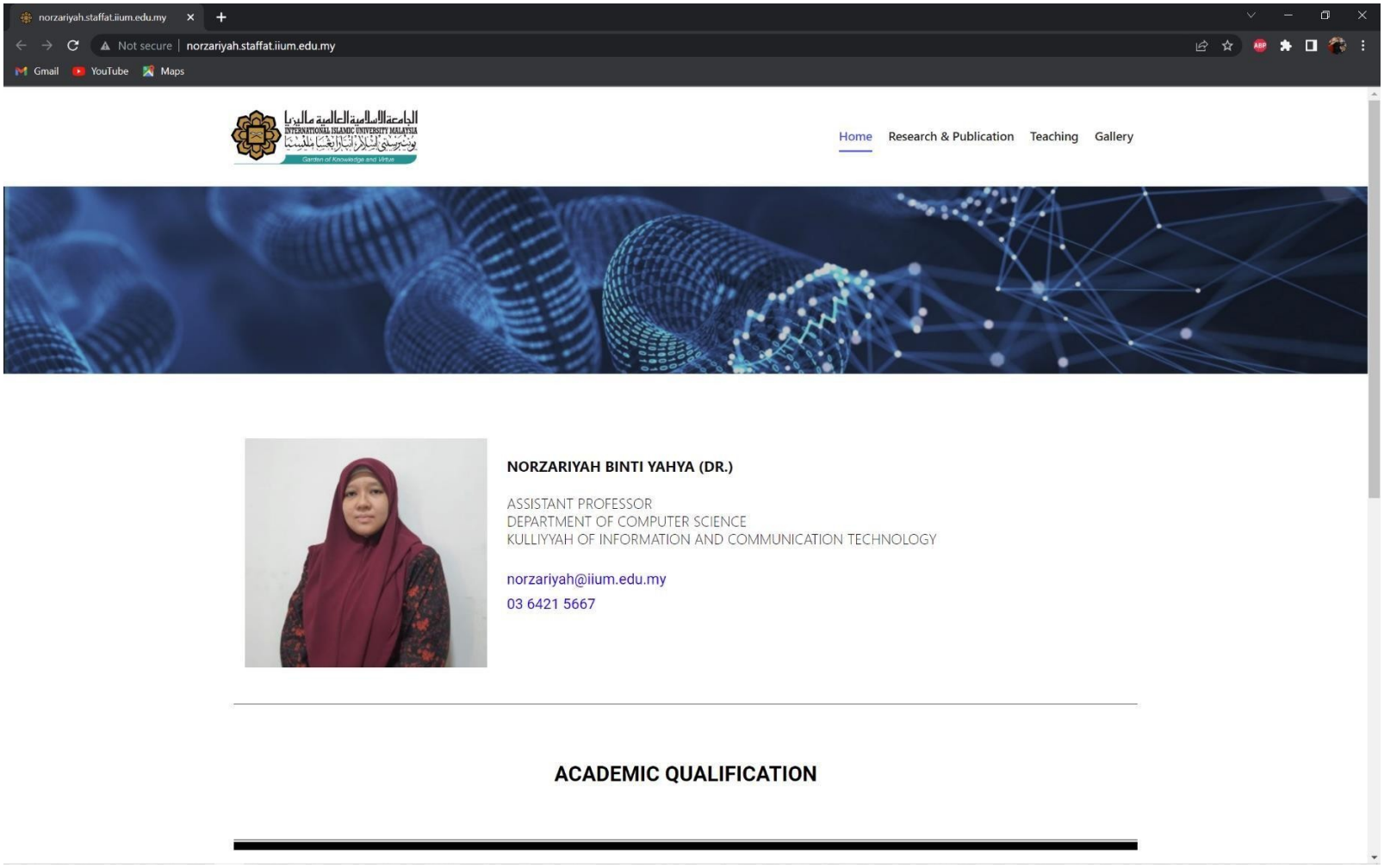
| | | |
|---|---|---|
| Task | Inactive Summary | External Tasks |
| Split | Manual Task | External Milestone |
| Milestone | Duration-only | Deadline |
| Summary | Manual Summary Rollup | Progress |
| Project Summary | Manual Summary | Manual Progress |
| Inactive Task | Start-only | |
| Inactive Milestone | Finish-only | |

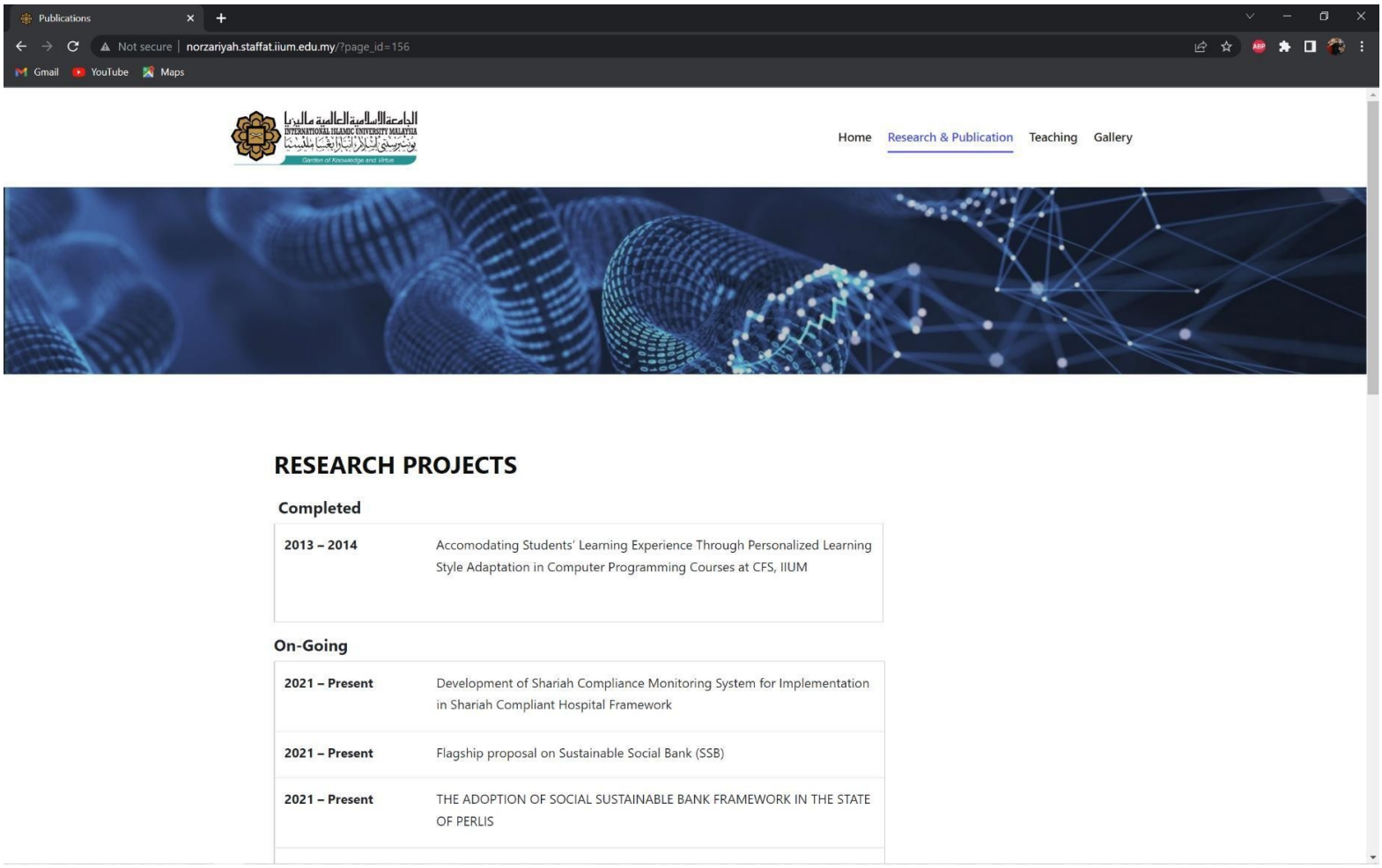
- SDLC


Initiating
Planning
Executing
Closing
Evaluating
Planning
Implementation
Analysis
Design

# Final product

This is the completed website for the client.





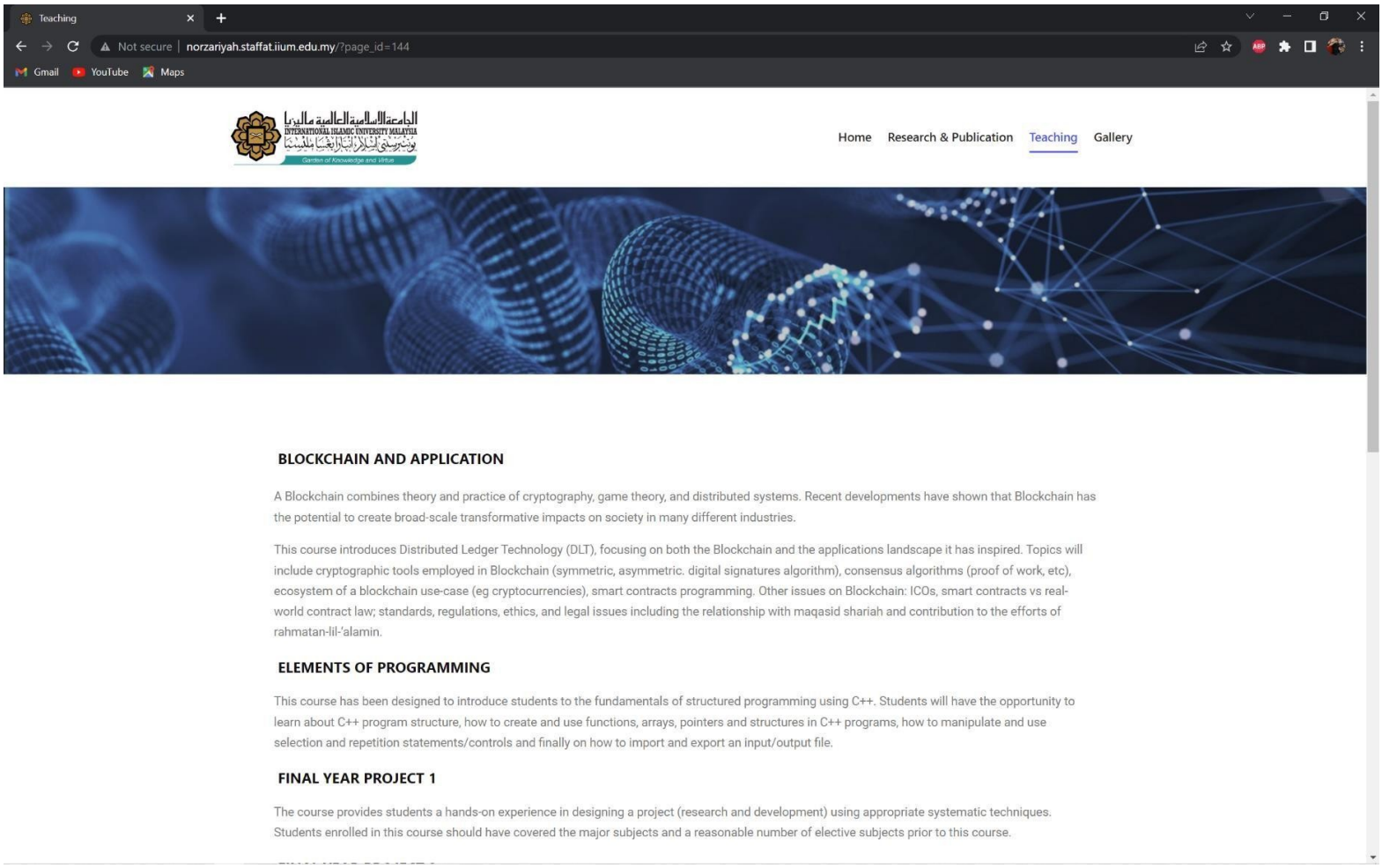

## RESEARCH PROJECTS

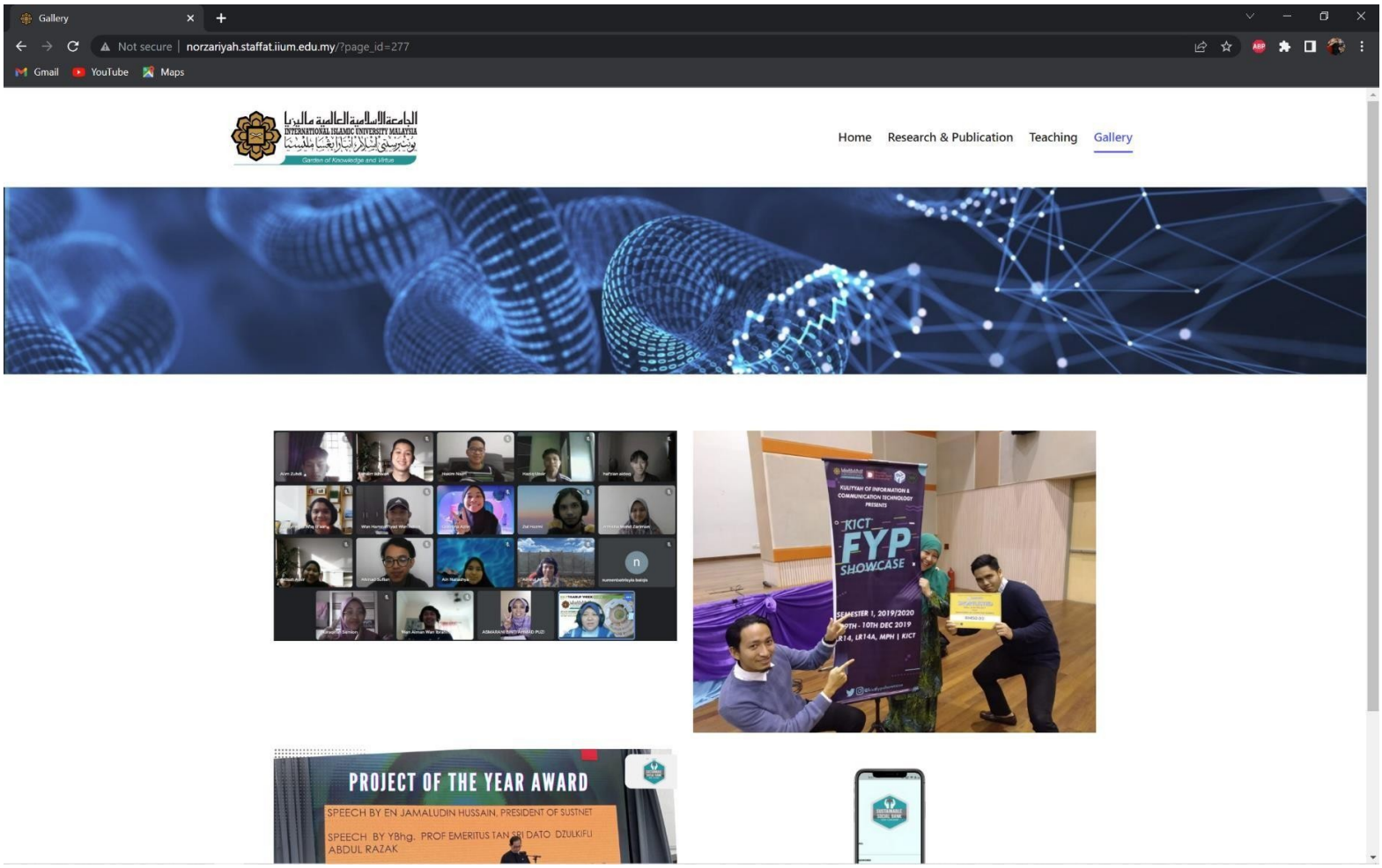
### Completed

| | |
|---|---|
| **2013 – 2014** | Accomodating Students' Learning Experience Through Personalized Learning Style Adaptation in Computer Programming Courses at CFS, IIUM |

### On-Going

| | |
|---|---|
| **2021 – Present** | Development of Shariah Compliance Monitoring System for Implementation in Shariah Compliant Hospital Framework |
| **2021 – Present** | Flagship proposal on Sustainable Social Bank (SSB) |
| **2021 – Present** | THE ADOPTION OF SOCIAL SUSTAINABLE BANK FRAMEWORK IN THE STATE OF PERLIS |


Teaching
Not secure | norzariyah.staffat.iium.edu.my/?page_id=144
Gmail
YouTube
Maps
Home
Research & Publication
Teaching
Gallery
BLOCKCHAIN AND APPLICATION
A Blockchain combines theory and practice of cryptography, game theory, and distributed systems. Recent developments have shown that Blockchain has the potential to create broad-scale transformative impacts on society in many different industries.
This course introduces Distributed Ledger Technology (DLT), focusing on both the Blockchain and the applications landscape it has inspired. Topics will include cryptographic tools employed in Blockchain (symmetric, asymmetric. digital signatures algorithm), consensus algorithms (proof of work, etc), ecosystem of a blockchain use-case (eg cryptocurrencies), smart contracts programming. Other issues on Blockchain: ICOs, smart contracts vs real-world contract law; standards, regulations, ethics, and legal issues including the relationship with maqasid shariah and contribution to the efforts of rahmatan-lil-'alamin.
ELEMENTS OF PROGRAMMING
This course has been designed to introduce students to the fundamentals of structured programming using C++. Students will have the opportunity to learn about C++ program structure, how to create and use functions, arrays, pointers and structures in C++ programs, how to manipulate and use selection and repetition statements/controls and finally on how to import and export an input/output file.
FINAL YEAR PROJECT 1
The course provides students a hands-on experience in designing a project (research and development) using appropriate systematic techniques. Students enrolled in this course should have covered the major subjects and a reasonable number of elective subjects prior to this course.


Gallery
Not secure | norzariyah.staffat.iium.edu.my/?page_id=277
Gmail
YouTube
Maps
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
Garden of Knowledge and Virtue
Home
Research & Publication
Teaching
Gallery
KICT
FYP
SHOWCASE
PROJECT OF THE YEAR AWARD
SPEECH BY EN JAMALUDIN HUSSAIN, PRESIDENT OF SUSTNET
SPEECH BY YBhg. PROF EMERITUS TAN SRI DATO DZULKIFLI ABDUL RAZAK