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| **A red and blue logo  Description automatically generated** | **LDCW6123 FUNDAMENTALS OF DIGITAL COMPETENCE FOR PROGRAMMERS**  Trimester 2, 2023/2024 |

**GROUP PROJECT**

**Lecturer: Mr Muhammad Arif Bin Hasan**

**Group: DC2 2C**

*Prepared by:*

|  |  |  |
| --- | --- | --- |
| **Student ID** | **Student Name** | **Phone number** |
| 241UT240KF | Kay Hean Cun | 0125070032 |
| 241UT240VF | Goh Yi Hui | 01110991416 |
| 241UT240W1 | Kang Xuan Xin | 0172392339 |
| 241UT240LQ | Chong Zheng Cheng | 01155898113 |
| 241UT240K7 | Cheong Kai Jin | 01110801337 |

**Declaration by group leader**

I hereby declare that all group members’ names are correctly included in the above section. I hold a copy of this assignment which I can produce if the original is lost or damaged. I certify that no part of this assignment has been copied from any other student’s work or from any other source except where due acknowledgement is made in the assignment.

Group leader’s signature : Kay

Group leader’s name : Kay Hean Cun

Group leader’s student ID : 241UT240KF

Date : /6/2024

**Group member declaration**

Group member’s name : Kay Hean Cun

For the purpose of completing this assignment, I have performed the following tasks (please list):

Collaborated with Zheng Cheng to finish the mobile application

Collaborate with group members by using Git and GitHub

Make a short video together with group members

*I hereby declare that I have assessed this submission and I take full responsibility should there be any inaccuracies, incompleteness, omissions, delays or non-submission.*

Group member’s signature : Kay

Group member’s name : Kay Hean Cun

Group member’s ID : 241UT240KF

Group member’s tel. no. : 0125070032

Group member’s email : kay.hean.cun@student.mmu.edu.my

Date : 19/6/2024

Group member’s name : Goh Yi Hui

For the purpose of completing this assignment, I have performed the following tasks (please list):

Create the mobile apps user manual

Collaborate with group members by using Git and GitHub

Make a short video together with group members

*I hereby declare that I have assessed this submission and I take full responsibility should there be any inaccuracies, incompleteness, omissions, delays or non-submission.*

Group member’s signature : Hui

Group member’s name : Goh Yi Hui

Group member’s ID : 241UT240VF

Group member’s tel. no. : +601110991416

Group member’s email : GOH.YI.HUI@student.mmu.edu.my

Date : 19/6/2024

Group member’s name : Kang Xuan Xin

For the purpose of completing this assignment, I have performed the following tasks (please list):

- Create the website with Cheong Kai Jin

- Collaborate with group members by using Git and GitHub

- Prepare softcopy of the Git Log which show activities of each group members using Git and

GitHub

- Make a short video together with group members

*I hereby declare that I have assessed this submission and I take full responsibility should there be any inaccuracies, incompleteness, omissions, delays or non-submission.*

Group member’s signature : 

Group member’s name : Kang Xuan Xin

Group member’s ID : 241UT240W1

Group member’s tel. no. : +60 17-2392339

Group member’s email : kang.xuan.xin@student.mmu.edu.my

Date : 19.6.2024

Group member’s name : CHONG ZHENG CHENG

For the purpose of completing this assignment, I have performed the following tasks (please list):

Create the figma mobile apps prototype with Kay Hean Cun

Collaborate with group members by using Git and GitHub

Make a short video together with group members

*I hereby declare that I have assessed this submission and I take full responsibility should there be any inaccuracies, incompleteness, omissions, delays or non-submission.*

Group member’s signature : chong

Group member’s name : CHONG ZHENG CHENG

Group member’s ID : 241UT240LQ

Group member’s tel. no. : +601155898113

Group member’s email : CHONG.ZHENG.CHENG@student.mmu.edu.my

Date : 19/6/2024

Group member’s name : CHEONG KAI JIN

For the purpose of completing this assignment, I have performed the following tasks (please list):

Create the website with Kang Xuan Xin

Collaborate with group members by using Git and GitHub

Make a short video together with group members

*I hereby declare that I have assessed this submission and I take full responsibility should there be any inaccuracies, incompleteness, omissions, delays or non-submission.*

Group member’s signature : CHEONG KAI JIN

Group member’s name : CHEONG KAI JIN

Group member’s ID : 241UT240K7

Group member’s tel. no. : +601110801337

Group member’s email : CHEONG.KAI.JIN@student.mmu.edu.my

Date : 19/6/2024

**1.0 Introduction**

**Chosen Project – (E-Commerce)**

**ShirtSmiths: Your Premier Online Store for Quality Shirts**

At ShirtSmiths, which is our Online Store for selling men clothing, we are engaged in doing E-commerce. Our Company’s specialization is all about making high quality custom designed shirts which suits different tastes from different clients. Customers are provided with a vast collection that they can go through without straining at our website; after they have found what they want they make orders for customization based on their own uniqueness on these types of clothing. Our goal is to provide an unmatched shopping experience which merges quality, choice, and customizability with the use of E-commerce’s convenience and global reach.

ShirtSmiths comprehend the significance of keeping alongside with the fast-pacing universe Of E-commerce. This website has been well structured to make it easy for users to find their way around it thereby enabling them to complete their transactions without facing too much trouble. The online shopping experience is improved using sophisticated technology starting from having high-resolution images of goods to giving detailed information alongside customers’ opinions hence we do not fail in meeting their expectations.

Thanks to e-commerce, we have changed how we interact with buyers; hence a global audience can access our unique products intended for individuals who love t-shirts all over the world. ShirtSmiths, in taking up E-commerce, therefore maintains flexibility regarding its business since it is able to adapt itself according to what the market forces dictate at any given point in time. We use strategies informed by data for which types of clothing is the best-selling which represents it is more preferable in the clothing marketing to understand our clients desires and update our inventory on a constant basis in order to mirror the trending fashions.

Apart from giving a seamless shopping experience, our firm is dedicated to sustainability and ethical business practices. Our products are made under fair labour conditions and have no waste through E-commerce, where we can manage our supply chain effectively. Our promise towards our customers which does not only benefit them but helps in attaining a more sustainable and fair fashion industry. At ShirtSmiths, E-commerce serves the purpose of not only being a sales channel but also that of forming part of our cornerstone in ensuring we give out best products with respect to delivering positive world impact.

**2.0 Semi-functional Website (Wix.com)**

**2.1 ShirtSmiths’s Website URL Link**

[**https://xuanxinxlin.wixsite.com/shirtsmiths**](https://xuanxinxlin.wixsite.com/shirtsmiths)

**2.2 ShirtSmiths’s Website Sitemap**

A screenshot of a computer

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**3.0 Figma Mobile App Prototype (Figma)**

**3.1 Figma Mobile App’s URL Link**

**4.0 Mobile App User Manual (Canva)**

**5.0 Peer Evaluation Form**

**5.1 Peer Evaluation Form (Kang Xuan Xin 241UT240W1)**

LDCW6123 FUNDAMENTALS OF DIGITAL COMPETENCE FOR PROGRAMMERS

SELF PEER EVALUATION

**INSTRUCTIONS:**

Assess each member of your group, including yourself, using the form below. Write your group member’s names across the top including your own, and then rate each person in the categories using the number system below. This evaluation is done anonymously. Be honest with yourself and in evaluating others. Submit this evaluation personally to your group leader.

Rating scale: Poor - 1

Below average - 2

Average - 3

Above average - 4

Superior - 5

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Evaluation Criteria | Your name:  Kang Xuan Xin  241UT240W1 | Member 1: Cheong Kai Jin  241UT240K7 | Member 2: Chong Zheng Cheng  241UT240LQ | Member 3:  Kay Hean Cun  241UT240KF | Member 4:  Goh Yi Hui  241UT240VF |
| Attend group meeting regularly and arrive on time. |  | 5 | 5 | 5 | 5 |
| Participate/Contribute meaningfully to group discussion. |  | 5 | 5 | 5 | 5 |
| Prepare task assigned in a quality manner. |  | 5 | 5 | 5 | 5 |
| Demonstrate a cooperative and supportive attitude to all team members. |  | 5 | 5 | 5 | 5 |
| Total: |  | 20/20 | 20/20 | 20/20 | 20/20 |

**5.2 Peer Evaluation Form (Goh Yi Hui 241UT240VF)**

LDCW6123 FUNDAMENTALS OF DIGITAL COMPETENCE FOR PROGRAMMERS

SELF PEER EVALUATION

**INSTRUCTIONS:**

Assess each member of your group, including yourself, using the form below. Write your group member’s names across the top including your own, and then rate each person in the categories using the number system below. This evaluation is done anonymously. Be honest with yourself and in evaluating others. Submit this evaluation personally to your group leader.

Rating scale: Poor - 1

Below average - 2

Average - 3

Above average - 4

Superior - 5

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Evaluation Criteria | Your name:  Goh Yi Hui  241UT240VF | Member 1: Cheong Kai Jin  241UT240K7 | Member 2: Chong Zheng Cheng  241UT240LQ | Member 3:  Kay Hean Cun  241UT240KF | Member 4:  Kang Xuan Xin  241UT240W1 |
| Attend group meeting regularly and arrive on time. |  | 5 | 5 | 5 | 5 |
| Participate/Contribute meaningfully to group discussion. |  | 5 | 5 | 5 | 5 |
| Prepare task assigned in a quality manner. |  | 5 | 5 | 5 | 5 |
| Demonstrate a cooperative and supportive attitude to all team members. |  | 5 | 5 | 5 | 5 |
| Total: |  | 20/20 | 20/20 | 20/20 | 20/20 |

**5.3 Peer Evaluation Form (Kay Hean Cun 241UT240KF)**

LDCW6123 FUNDAMENTALS OF DIGITAL COMPETENCE FOR PROGRAMMERS

SELF PEER EVALUATION

**INSTRUCTIONS:**

Assess each member of your group, including yourself, using the form below. Write your group member’s names across the top including your own, and then rate each person in the categories using the number system below. This evaluation is done anonymously. Be honest with yourself and in evaluating others. Submit this evaluation personally to your group leader.

Rating scale: Poor - 1

Below average - 2

Average - 3

Above average - 4

Superior - 5

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Evaluation Criteria | Your name:  Kay Hean Cun  241UT240KF | Member 1: Cheong Kai Jin  241UT240K7 | Member 2: Chong Zheng Cheng  241UT240LQ | Member 3:  Kang Xuan Xin  241UT240W1 | Member 4:  Goh Yi Hui  241UT240VF |
| Attend group meeting regularly and arrive on time. |  | 5 | 5 | 5 | 5 |
| Participate/Contribute meaningfully to group discussion. |  | 5 | 5 | 5 | 5 |
| Prepare task assigned in a quality manner. |  | 5 | 5 | 5 | 5 |
| Demonstrate a cooperative and supportive attitude to all team members. |  | 5 | 5 | 5 | 5 |
| Total: |  | 20/20 | 20/20 | 20/20 | 20/20 |

**5.3 Peer Evaluation Form (Cheong Kai Jin 241UT240K7)**

LDCW6123 FUNDAMENTALS OF DIGITAL COMPETENCE FOR PROGRAMMERS

SELF PEER EVALUATION

**INSTRUCTIONS:**

Assess each member of your group, including yourself, using the form below. Write your group member’s names across the top including your own, and then rate each person in the categories using the number system below. This evaluation is done anonymously. Be honest with yourself and in evaluating others. Submit this evaluation personally to your group leader.

Rating scale: Poor - 1

Below average - 2

Average - 3

Above average - 4

Superior - 5

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Evaluation Criteria | Your name:  Cheong Kai Jin  241UT240K7 | Member 1:  Kay Hean Cun  241UT240KF | Member 2: Chong Zheng Cheng  241UT240LQ | Member 3:  Kang Xuan Xin  241UT240W1 | Member 4:  Goh Yi Hui  241UT240VF |
| Attend group meeting regularly and arrive on time. |  | 5 | 5 | 5 | 5 |
| Participate/Contribute meaningfully to group discussion. |  | 5 | 5 | 5 | 5 |
| Prepare task assigned in a quality manner. |  | 5 | 5 | 5 | 5 |
| Demonstrate a cooperative and supportive attitude to all team members. |  | 5 | 5 | 5 | 5 |
| Total: |  | 20/20 | 20/20 | 20/20 | 20/20 |

**5.5 Peer Evaluation Form ()**

**6.0 Softcopy of activities using Git and GitHub**

**6.1 Invitation of group members to the Collaboration Remote Repository of GitHub**

By using Python Script:

import requests

TOKEN = "ghp\_qjiF8Z7ck8rt36lsBmVpdW6Ytregrd01fMXe"

OWNER = "XuannXinn"

REPO = "Project\_LDCW6123"

COLLABORATORS = ["zhengcheng1219", "TheKjch", "Heancun", "Huiii02"]

def add\_collaborator(user):

    url = f"https://api.github.com/repos/{OWNER}/{REPO}/collaborators/{user}"

    headers = {

        "Authorization": f"token {TOKEN}",

        "Accept": "application/vnd.github.v3+json"

    }

    response = requests.put(url, headers=headers)

    if response.status\_code == 201:

        print(f"Successfully invited {user}")

    elif response.status\_code == 204:

        print(f"{user} is already a collaborator")

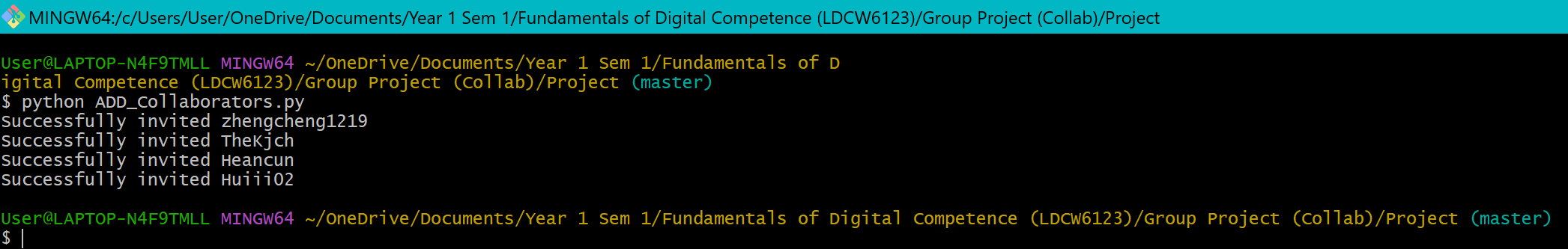
    else:

        print(f"Failed to invite {user} (HTTP status code: {response.status\_code})")

for user in COLLABORATORS:

add\_collaborator(user)

After that, run this python file on Git Bash Terminal to add all the group members as the collaborators in the remote repository of our GitHub.



**6.2 Push and Pull makes for each group member**

**6.3 Merging each Sub-Graph from each of the member**