Swinburne University of Technology

School of Science, Computing and Engineering Technologies

Contribution Document

Subject Code: SWE30003	Unit Title: Software Architectures and Design
Assignment number and title: 1. Requirements	Due date: 7 th April 2024
Tutorial Day and Time:Wednesday 5:30 F	PM Project Group:05
Tutor:Mandeep Dhindsa	

1. Time spent (hours) and contribution description

1.1 Fill in the time spent on each significant work item in the following table:

Work Item	Tran Duc Anh Dang	Nathan Ko	Luan Nguyen	Ertesam Naser Zarif
Project Overview	✓ (3 hours)			✓ (1 hours)
Problem Domain	✓ (2 hours)			✓ (1 hours)
Functional Requirements and Task Description	✓ (2 hours)		✓ (1 hour)	
Workflow		✓ (3 hours)	✓ (1 hour)	
Data Model		✓ (2 hours)	✓ (2 hours)	
Quality Attributes of System			✓ (2 hours)	✓ (3 hours)
Other Requirements	✓ (1 hour)			✓ (2 hours)
Validation of Requirements	✓ (1 hour)			
Possible Solutions	✓ (1 hour)			✓ (2 hours)
Work Review	✓ (Daily Review)	✓ (Daily Review)	✓ (Daily Review)	✓ (Daily Review)

Note: Please adjust and add more rows, as necessary.

1.2 Description of contributions (each member provides a brief description of their contributions):

Ertesam Naser Zarif: Wrote the quality attributes of the system, other requirements sections as well as the standard staff-customer hybrid approach solution for the document. Reviewed other sections as well.

Tran Duc Anh Dang: I contribute on Project Overview, Problem Domain, Functional Requirements and Task Description, Other Requirements, Validation of Requirements, Possible Solutions and Work Review daily. I do work with Luan face to face so we do have discussion on plans for workflow, data model as well.

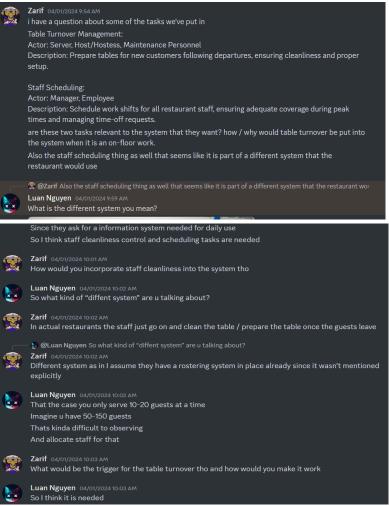
Nathan Ko: I contribute on Workflow and Data Model with Luan, discussing where models can be improved based on Project Overview, Problem Domain, Functional Requirements and Tasks Description based on what Anh has been working on.

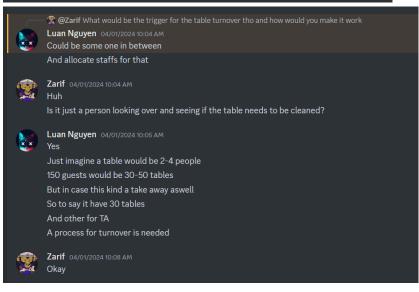
Luan Nguyen: I do work with Anh face to face so we discussing on the tasks that must be done for Workflow, Functional Requirement And Task Description. Then implementing them with Nathan and Zarif.

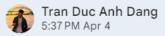
... ...

2. Evidence of collaboration / teamwork on <u>each significant work item (eg, discussions, mutual revisions and reviews, etc.):</u>

Functional Requirements and Task Description







Mmmm might need an improvement on this, might want to separate out payment method such as Cash/Credit/Other

https://doc.toasttab.com/doc/platfor mguide/platformPwfOverview.html



Tran Duc Anh Dang 5:35 PM Apr 4

Is that possibly to have different pickup type such as self or delivery if it is Takeaway?



Tran Duc Anh Dang 5:33 PM Apr 4

What are the other alternatives options? Order Type (Take away, Dine in)



Tran Duc Anh Dang 5:37 PM Apr 4

Mmmm might need an improvement on this, might want to separate out payment method such as Cash/Credit/Other

https://doc.toasttab.com/doc/platfor mguide/platformPwfOverview.html

Workflow



Luan Nguyen 04/02/2024 7:03 PM

ok

just have a look at it



Nathan Ko 04/02/2024 7:03 PM

what problem?

tell me one

i refer to the functional requirement and refer to HD sample work



Luan Nguyen 04/02/2024 7:04 PM

There conditions should be made

but u dont

and the one dont need

u put there



Nathan Ko 04/02/2024 7:04 PM show me example ?



anhdang 04/02/2024 7:13 PM

2 of them are correct

- 1. is straight forward
- 2. is more details including decision making

I'd say it depends on the scenarios and how complex the business is otherwise we can just use both



Nathan Ko 04/02/2024 7:16 PM

this is the functional requirement that i refered to

- 1. peak seaon check
- 2. staff coverage on time off
- 3. employee request which needs to be checked as ask for staff availibilities



Luan Nguyen 04/02/2024 7:18 PM

I didnt say ur wrong



anhdang 04/02/2024 7:18 PM

Yeah both of them are correct to me



Luan Nguyen 04/02/2024 7:18 PM

just the way you express is kinda complex

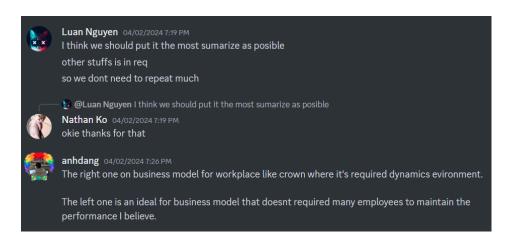
we can implement it later

but this is the workflow

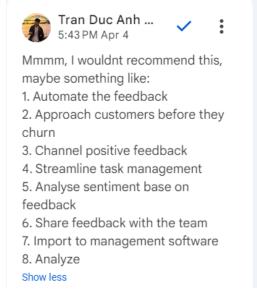


Nathan Ko 04/02/2024 7:18 PM

all good thanks bro



Data Model



Quality Attributes of System

99,999



Tran Duc Anh Dang 2:06 PM Apr 2

do we have the source for this number or do we make it up?



Ertesam Zarif 2:55 PM Apr 3

yea its the standard for high availability



Tran Duc Anh Dang 11:28 PM Apr 4

Marked as resolved

Possible Solutions



Nathan Ko 'Yesterday at 11:38 PM

and receipts for customers, and handling payments. In order to get a better overview of the kind of menu items the customers are ordering, the new system shall also support basic statistics about ordered menu items etc. The owners also want to make the menus available online in order to better inform potential customers about the offerings of the Relaxing Koala and to allow customers to order from the takeaway menus and possibly arrange delivery.

Other restaurants incorporated further features into their information system. The owners of the Relaxing Koala, however, decided not to consider any of these features for our but this may be a called in the future.

I will write one possible solution for that

how the owner will inform the potential customers and the online users about their menu and service



i choose Digital and traditional marketing strategies for solution name already updated check it out



🆚 @Nathan Ko already updated check it out

Zarif Today at 7:15 AM

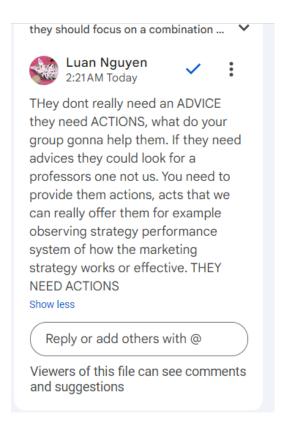
And yea I agree with @anhdang, the solution needs to be a system that programmers can create. Not a business plan for them. Something you can build from the functional requirements and workflow



Nathan Ko Today at 7:56 AM

All good

Thanks



3. Signed by all members:

ID Number 103995439	Name Tran Duc Anh Dang	Signature Anh
103834192	Ertesam Naser Zarif	30/_
104150310	Nathan Ko	Nathan
103812143	Luan Nguyen	Luan