DIPLOMA KEMAHIRAN MALAYSIA

PROGRAMMING DEPARTMENT

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FINAL YEAR PROJECT (PROPOSAL)

"TINKERING VENDING MACHINE (TVM)"

PREPARED BY:

1. LEE JIAN YONG   971007-07-5091
2. KUEK LIK SHENG   020925-02-0651
3. YEE CARL LOUNN   020205-02-0899

SUPERVISOR: LAI YEN PING

KOLEJ SYNERGY

PROGRAMMING DEPARTMENT

DIPLOMA KEMAHIRAN MALAYSIA

<u>APPROVAL OF FINAL YEAR PROJECT PROPOSAL</u>

With this proposal recognized that this project has been approved for development.

Project Coordinator,

……………………………………

Name:Miss. Gevita Chinnaiah

Date :

Hereby acknowledged that the projects are the responsibility of the supervisor appointed.

Project Supervisor,
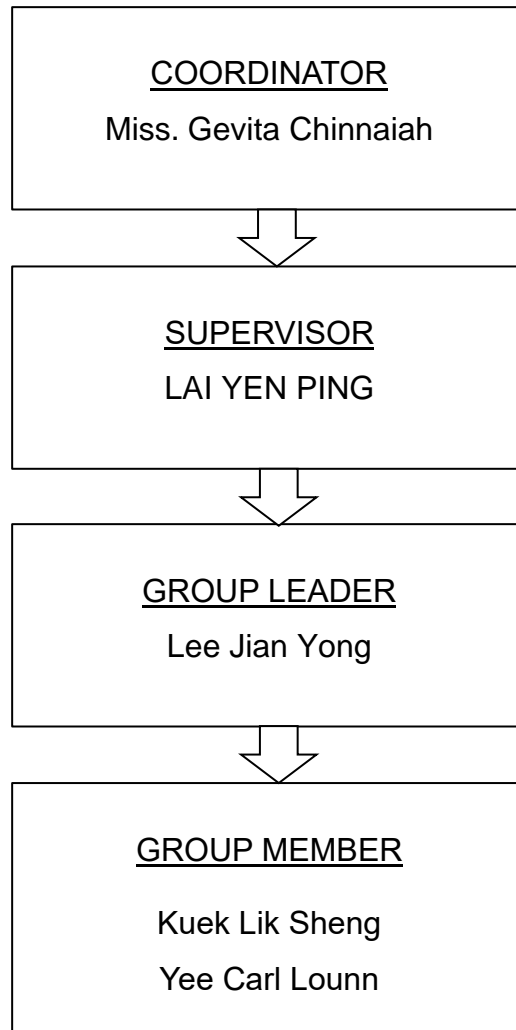
…………………………………..

Name: MR LAI YEN PING

Date :

ORGANIZATION CHART

COORDINATOR

Miss. Gevita Chinnaiah

↓

SUPERVISOR

LAI YEN PING

↓

GROUP LEADER

Lee Jian Yong

↓

GROUP MEMBER

Kuek Lik Sheng

Yee Carl Lounn

GROUP MEMBER

Lee Jian Yong
971007-07-5091
B.PRO5091.09/17

Kuek Lik Sheng
020925-02-0651
B.PRO0651.01/18

Yee Carl Lounn
020205-02-0899
B.PRO0899.04/18

WORK SEPARATION

MEMBER	POSITION	RESPONSIBILITY
LeeJian Yong	Programmer	Troubleshoot Design interface Prepare Presentation Prepare Proposal Program Code development Create hosting server
Kuek Lik Sheng	Programmer	Troubleshoot Design interface Prepare Presentation Prepare Proposal Identify project Prepare documentation
Yee Carl Lounn	Programmer	Troubleshoot Design interface Prepare Presentation Prepare Proposal Identify project Testing function Prepare documentation

CONTENT

ABSTRACT

In 21-century, human are highly intelligent creatures. Uncivilized from the previous era slowly into the high-tech era. There are got many kind of high technology gadget that uses to make our life easier. These technologies were built by the component that never gets expired in the time.Cleanliness will affect human life. Every day of the week will clean their homes, from this point, we intend to use our knowledge to create an electronic product that can help in their daily lives, to reduce some of their burden, saving time and energy. As the volume aspect the smaller is better, most of the people are greedy convenient. The more compact of the product, the more technical problem that encounter. This will be my first step of my plan. In this proposal will be explain everything about this electronic product from external to internal.

CHAPTER 1
INTRODUCTION

1.1 INTRODUCTION

College Student when they just graduate, we notice they are having trouble with finding job they don't know which company to find and doesn't know how to contact the company.

This system will help the company save their money and time; our system also can help the Company expand the range of their recruitment increase the chance of finding the right employee that suit their condition.

Our system will also provide an option for a college to partner with the company helping the school and also the company

1.2 PROBLEM STATEMENT

We found out college student these day having trouble finding the job they wanted, this system will solve this problem by providing a more complete more convenience and more safer experience for the student when they use our system when the student use this system, the student doesn't have to go to the location of the company wasting the time and money of the student. This system will help provide an option which help the company and student by letting them scheduled online.

This system will provide the safest experience for the user, Because we found out student will have a chance of having the false information of the company which will lead the student to danger and this system will only provide those company that have a license and the true information of the company which will help the student to find the job the wanted and will help the company to find the right employee that suit their condition which help both student and company save their precious money and time.

1.3 OBJECTIVE

Before we start the project, we had been researching some website such as Google, Wikipedia and any other Apps which relate to our Synergy Hostel Management. During our research, we found there are a lot of this kind of system as a reference but most of them have the same concern which is security which is things such as how to people backup, secure and manage their server and what kind of security measure being implemented to their network, this is the reason we choose to do this project.

1. **Ur Backup**

   UrBackup is an easy to setup Open Source client/server backup system, that through a combination of image and file backups accomplishes both data safety and a fast restoration time.

2. **Any Desk**

   The software program provides platform independent remote access to personal computer and other devices running the host application.It offers remote control, file transfer, and VPN functionality.

Axence nVision

Nvision, stylized as NVISION, is a stand-alone event organized by NVIDIA to promote visual computing among enthusiasts and journalists.

1.4 PROJECT SCOPE

By using this system, we provide easier and more clearly information to make our user easy to find the job they wanted. The information of the company is 100% verify to protect our user for using our system

User

- **Search:** this system will provide the information of the company clearly and simplify for the user, user can search the information about the company here.

- **Upload and edit the resume:** Our user can upload and edit the resume to the selected resume.
- **Company group:** User can get variety of the company information here.

- **Preview:** User can preview either the company details and their job request.

- **Report:** User can use this report option to feedback to the admin if the user notice

  anything that's not friendly or user can use this

- **Profile:** User can edit their profile information.

- **Apply:** User can check the detail and apply which job request they wanted.

Admin

- **Approve:** Admin can approve those company that only fit the condition and been qualified.

- **Verify:** This system can verify every company we partner with so we ensure that every user that use our system is safe.

- **Blacklist:** The admin can blacklist the company or user that doesn't meets the condition or company/user been violation condition.

- **Feedback:** admin can check the feedback of the user more quality comment healthy comment of the user see if is quality or not.

- **Manage company:** admin can preview and secure either company and job request

- **Notification:** admin can adjustment good quality notification to the top of the homepage.

- **Alert:** admin can give a warning to a company.

- **Category:** admin can add, edit or delete a category.

Company

- **Email reply:** company can reply and email to the user which jobseeker apply their job request.

- **Notification:** company will receive a notification from user or admin.

- **Status:** company can their profile status and job request status when approve or get reject.

- **Add/Edit:** company can add or edit the information and their job request in their site.

- **Delete:** company can delete the information and their job request in their site.

CHAPTER 2
FUNCTION & USABILITY

Admin
- Preview company/user and job request information
- Verify/Approve company and job request
- Reject company and job request
- Blacklist company and job request
- Manage company
- Notification
- Category

User
- Search
- Upload and edit resume
- Company group
- Preview company job request
- Preview company details
- Edit profile
- Apply job

Company
- Email Reply to user
- Notification
- Check company and job request status
- Add/Edit Job request
- Delete Job Request

CHAPTER 3
SOFTWARE AND HARDWARE COSTING

2.1 SOFTWARE USED AND COSTS

NO	SOFTWARE	COST
1.	Microsoft Office Word 2013	RM300.00
2.	Microsoft Office Project 2013	RM100.00
3.	Microsoft Office Power Point 2007	RM300.00
4.	Microsoft Office Visio 2003	RM300.00
5.	Apache HTTP Server	-
6.	MySQL Server	-

Table 2.1

NO	HARDWARE	COST
1.	Laptop	RM2200.00
2.	Printer	RM480.00
3.	Logitech Mouse	RM60.00
4.	Pendrive	RM30.00

Table 2.2

SOFTWARE COST	HARDWARE COST	TOTAL COST
RM1000	RM2770	RM3770

Table 2.3
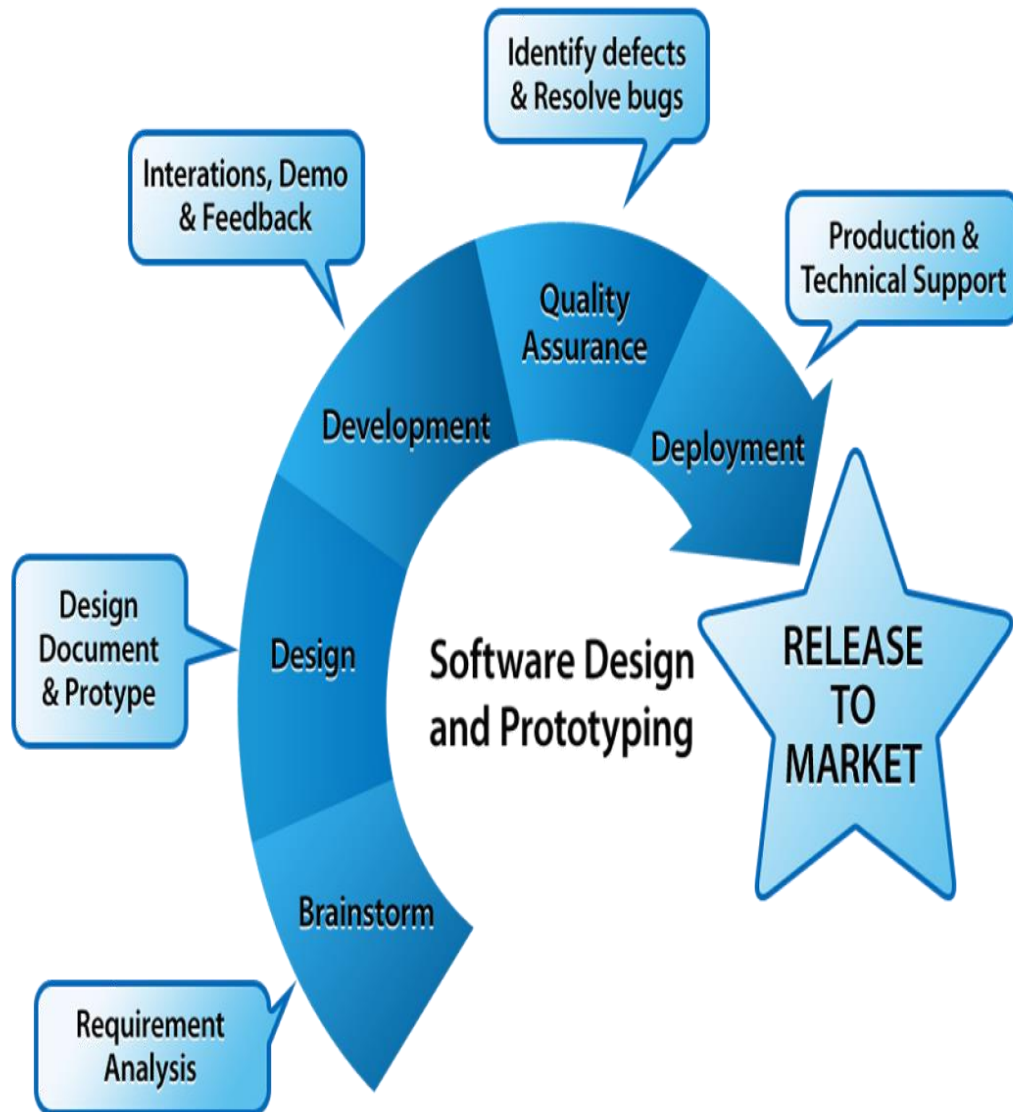
6.0 SYSTEM FUNCTION

Figures 7

Module 4 Gannt Chart

Name: Lee Jian Yong, Kuek Lik Sheng, Yee Carl Lounn

Project Start: Fri, 11/27/2020

Display Week: 1

Module 4 Gannt Chart	Duration	START	END	DAYS	Resource Name
Scope					
Determine project scope		11/27/20	11/28/20	2	Lee Jian Yong
Secure care resource		11/28/20	11/29/20	2	Lee Jian Yong
Scope Complete		11/29/20	11/30/20	2	Lee Jian Yong
Analysis/ Software Require					
Conduct needs analysis		11/30/20	11/30/20	1	Lee Jian Yong
Incorporate feedback on		12/1/20	12/1/20	1	Lee Jian Yong
Review Software Required		12/1/20	12/1/20	1	Lee Jian Yong
Secure required resource		12/1/20	12/1/20	1	Lee Jian Yong
Analysis complete		12/2/20	12/3/20	2	Lee Jian Yong
Design					
Develop Functional Special		12/4/20	12/6/20	3	Yee Carl Lounn
Develop profotype based		12/6/20	12/8/20	3	Yee Carl Lounn
Review Function Special		12/9/20	12/11/20	3	Yee Carl Lounn
Incorporate feedback into		12/12/20	12/14/20	3	Yee Carl Lounn
Obtain approval to process		12/14/20	12/16/20	2	Yee Carl Lounn
Design complete		12/16/20	12/17/20	2	Yee Carl Lounn
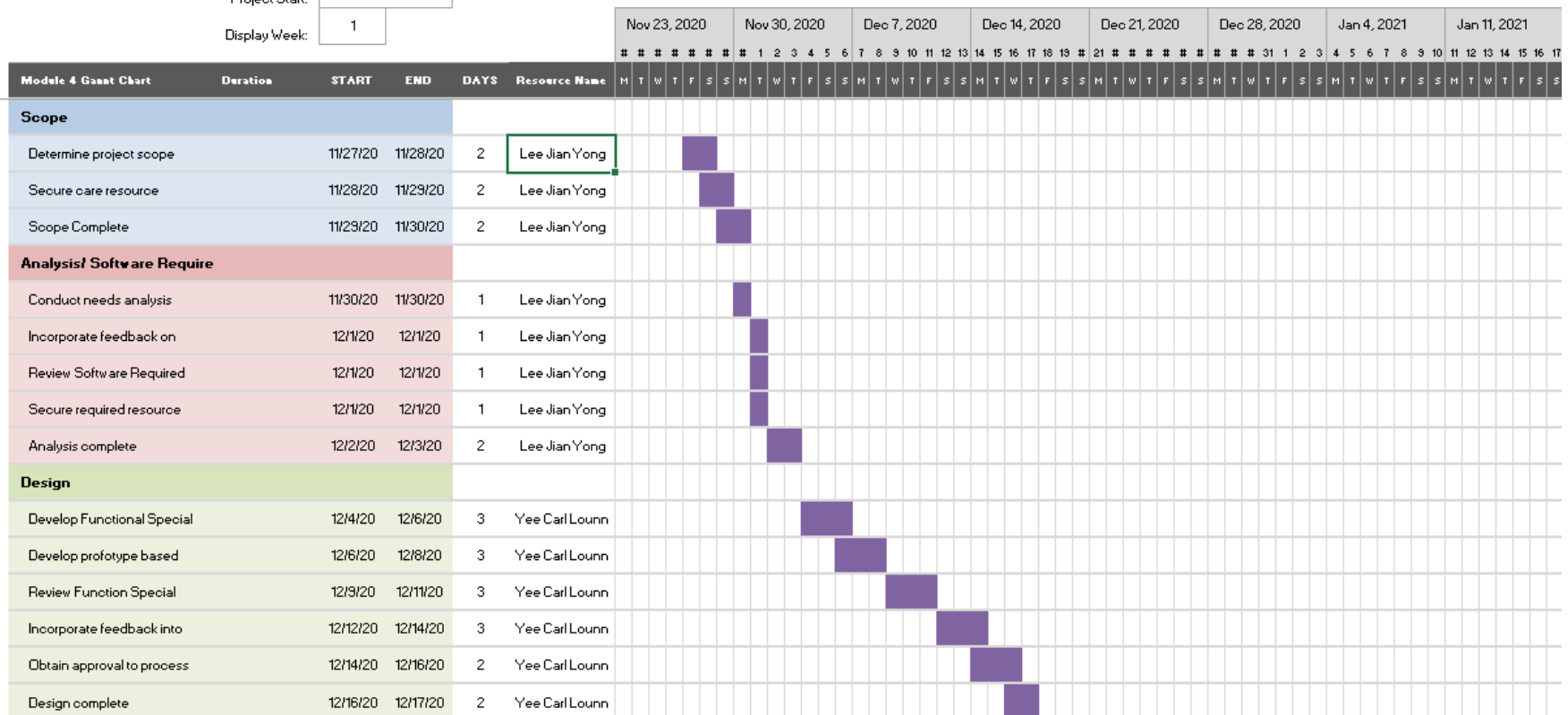
Nov 23, 2020 | Nov 30, 2020 | Dec 7, 2020 | Dec 14, 2020 | Dec 21, 2020 | Dec 28, 2020 | Jan 4, 2021 | Jan 11, 2021

Module 4 Gannt Chart

Name: Lee Jian Yong, Kuek Lik Sheng, Yee Carl Lounn

Project Start: Fri, 11/27/2020

Display Week: 1

Module 4 Gannt Chart	Duration	START	END	DAYS	Resource Name
Testing					
Develop unit test plan		12/17/20	12/17/20	1	Kuek Lik Sheng
Develop integration test		12/17/20	12/17/20	1	Kuek Lik Sheng
Testing complete		12/17/20	12/18/20	2	Kuek Lik Sheng
Training					
Develop training specifical		12/18/20	12/18/20	1	Lee Jian Yong
Identify training delivery		12/19/20	12/20/20	2	Lee Jian Yong
Develop training material		12/19/20	12/20/20	2	Lee Jian Yong
Conduct training usability		12/20/20	12/21/20	2	Lee Jian Yong
Finaliza training material		12/21/20	12/22/20	2	Lee Jian Yong
Develop training material		12/22/20	12/22/20	1	Lee Jian Yong
Training material complete		12/22/20	12/22/20	1	Lee Jian Yong
Documentation					
Develop user manuals specification		12/22/20	12/23/20	2	Kuek Lik Sheng
Develop users manuals		12/23/20	12/24/20	2	Kuek Lik Sheng
Review all user documentation		12/24/20	12/24/20	1	Kuek Lik Sheng
Develop unit test plans using product		12/24/20	12/24/20	1	Kuek Lik Sheng

11

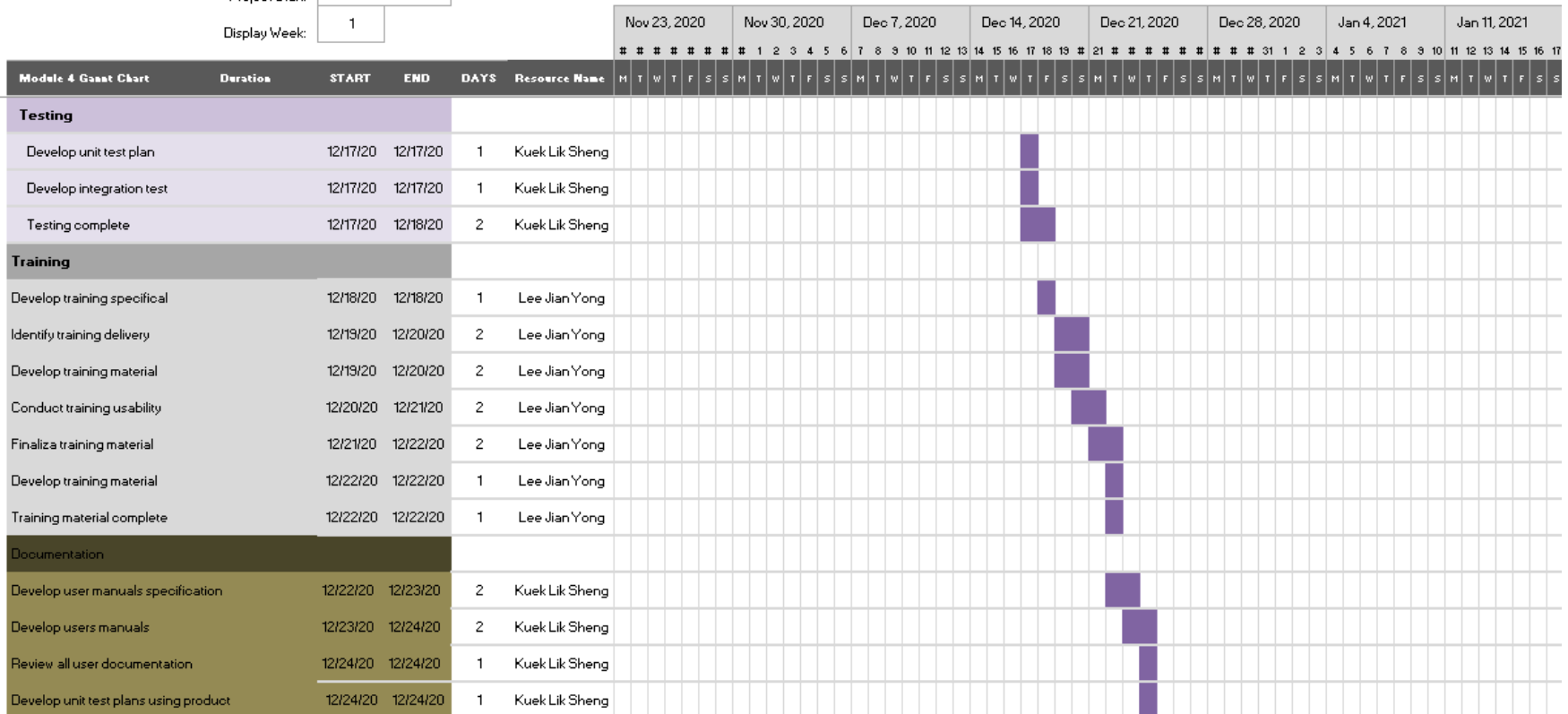# Module 4 Gannt Chart

Name: Lee Jian Yong, Kuek Lik Sheng, Yee Carl Lounn

Project Start: Fri, 11/27/2020

Display Week: 1

Module 4 Gannt Chart	Duration	START	END	DAYS	Resource Name
Incroporate user documentation		12/24/20	12/24/20	1	Kuek Lik Sheng
Documentation complete		12/24/20	12/24/20	1	Kuek Lik Sheng
Pilot					
Identify test group		12/25/20	12/26/20	2	Kuek Lik Sheng
Develop software delivery mechanism		12/26/20	12/26/20	1	Kuek Lik Sheng
Install/deploy software		12/26/20	12/26/20	1	Kuek Lik Sheng
Obtain user feedback		12/26/20	12/26/20	1	Kuek Lik Sheng
Evaluate testing information		12/26/20	12/26/20	1	Kuek Lik Sheng
Task complete		12/26/20	12/26/20	1	Kuek Lik Sheng
Deployment					
Determine inal deployment		12/26/20	12/26/20	1	Yee Carl Lounn
Develop deployment methodology		12/26/20	12/26/20	1	Yee Carl Lounn
Secure deployment methodology		12/26/20	12/26/20	1	Yee Carl Lounn
Train suooort staff		12/26/20	12/26/20	1	Yee Carl Lounn
Deploy software		12/26/20	12/26/20	1	Yee Carl Lounn
Deployment complete		12/27/20	12/27/20	1	Yee Carl Lounn

CHAPTER 7
CONCLUSION

I wish our project can be easy to use and make everyone convenience in life. This project can give us a chance to experience and learns what cannot be gain during lectures or tutorials.

We hope with this project can improved our knowledge and skills. Finally, this project helped understanding wonderful of electronic and mechanical, and giving us understanding about importance of teamwork. In overall, it was a great experience for us to make this project.

CHAPTER 8
REFERENCE

Website:

www.google.com

www.youtube.com

www.electronicschematic.com

www.wikipedia.com

https://www.sparkfun.com/products/11719

https://wikivisually.com/wiki/Coin_acceptor

http://www.lg.com/cn/roboking

www.ebay.com