

Islam Mohammed Ruzhan

Industrial Training



Bigledger Sdn Bhd



Company Introduction

<u>About</u>: Founded in 2015, Bigledger is a multi-channel cloudnative application architecture that provides ERP, Point of Sales, CRM features for small to medium size business enterprises through Akaun Platform.

Mission: Empower every business to be run on a cloud native platform that will seamlessly orchestrate business operations & decision making with software agents.

Vision: To revolutionize the productivity and efficiency of the business world by combining the value and benefits of cloudnative application platform & AI technologies.



Training Objectives

To understand the workflow of the company

- To adapt to the working culture of a software company
- To acquire new knowledge in the field of software development.

 To apply and enhance the knowledge I earned during my course of study.



Main Task:
Assigned by supervisor

Types Of Tasks

Side Task: Tasks assigned by other project managers

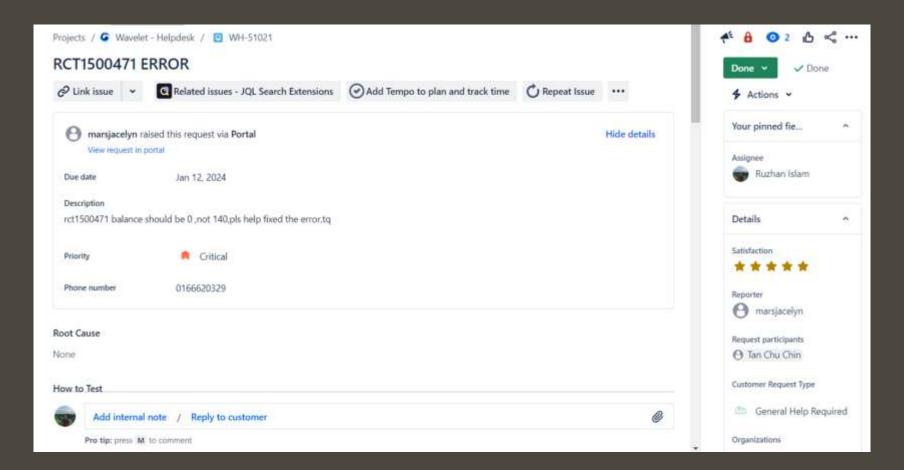




- Fix the data of the documents.
- Adding or fixing documents in the customer server
- Restart customer server
- Update server
- Execute SQL queries in the AWS database of the server using Git bash CLI
- Fix printable documents using Jasper Studio.
- Perform testing on the server
- Customer support duty on Tuesday every week.

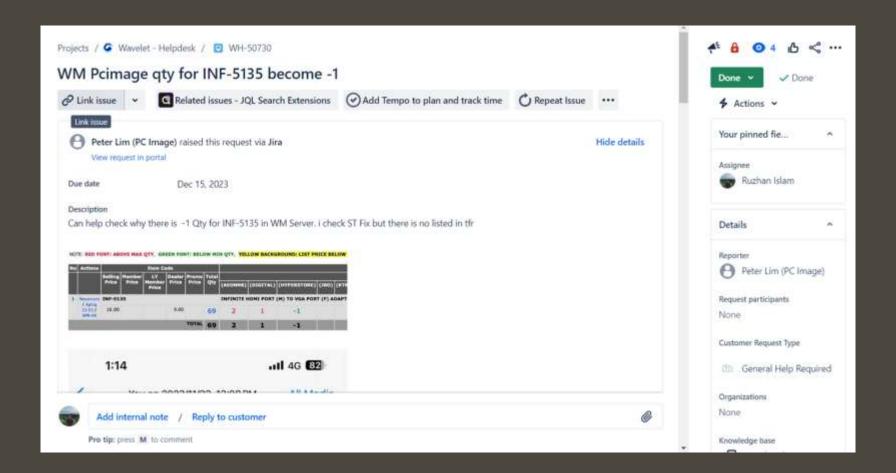


Fix the data of documents



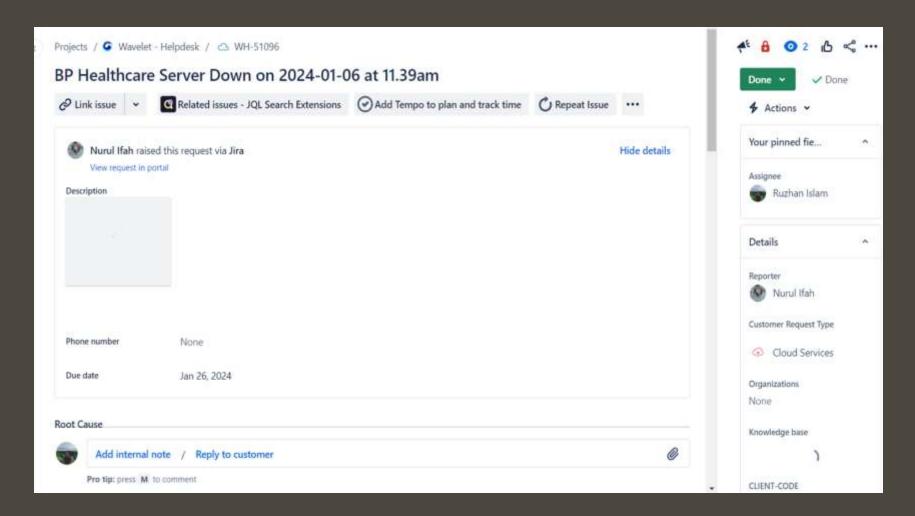


Fix the data of documents





Server restart



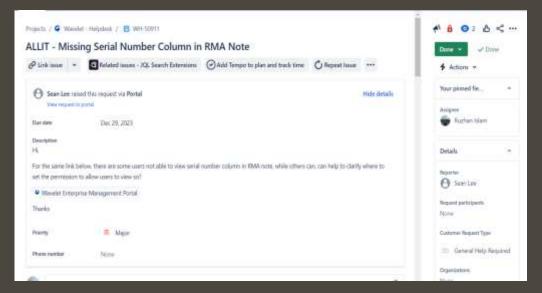


Execute SQL queries in the AWS database of the server using Git bash

```
some peal features might not work
select * from inv_item where pkid = 1334;
                 | item_code_aliam |
    state | categoryid | category2 | category2 | category3 | category4 | category5 | category7 | category9 | category9 | category10 | has children | parentid |
                             price list
                                                                                price disc1
                                                                         discl pct
                                              | imm_unit | purchase price_minimum | purchase_price_maximum | tax_code | tax_type | next_service_minute | next_service_hour |
                                                  | price check logic |
```



Fix printable documents using Jasper Studio.







Side Tasks

- Configure the web pages using JSON
 - Creating Printable format
 - Setting up POS system.







```
"data": "main",
"style": ""
"layoutNodeType": "ROW",
"layoutNodeArray": [
    "data": "header",
    "style": ""
    "layoutNodeType": "WIDGET",
    "IsyoutNodeArray": [],
    "widgetPlaceHolder": {},
"widgetPlaceHolderId": "general-header",
    "widgetPlaceHolderConfig": {
      "param": (
        "sticky": false,
        "hideCart": false,
        "searchRoute": ""
        "showSearchBtn": false,
        "TextSearchBtn": ""
        "colorSearch@tn": ""
    "data": "slider-button",
    "style": "height: 90vh; overflow: hidden;",
    "layoutNodeType": "WIDGET",
    "layoutNodeArray": [],
"widgetPlaceHolder": "
    "widgetPlaceHolderId": "slider-button-widget",
    "widgetPlaceHolderConfig": (
      "param": (
        "textStyle": (
          "font": "Arnhem, Times, serif",
          "color": "#FFF"
         "button5tyle": {
          "textColor": "#FFF",
          "borderColor": "#FFF"
         "sliderDetails": [
            "time": "07:00 - 23:00",
            "title": "The Dining Room",
            "imageUrl": "https://api.akaun.com/core2/tnt/dm/files/file/raw/290122b2-64cd-4002-ae
            "imageLink": "page/the-dining-room",
            "buttonText": "Explore Venue
            "time": "09:00 - 23:00",
            "title": "The Gulai House".
            "imageOrl": "https://api.akaun.com/core2/tnt/dm/files/file/raw/54b9fba7-8344-4698-ac
            "imageLink": "page/the-gulai-house",
             "buttonText": "Explore Venue"
            "time": "18:30 - 23:00",
            "title": "The Pavilion",
            "LmageUrl": "https://api.akaun.com/core2/tnt/dm/fm/files/file/raw/26c1ffb2-6e37-48e1-8e
            "imageLink"; "page/the-pavilion",
            "buttonText": "Explore Venue'
```

Creating Printable format



IDA COMPANY

JALAN PERDA BARAT, JALAN PERDA BARAT, BANDAR PERDA, 08000 Sungai Petani TEL: 012-593 2010

DELIVERY ORDER

Date 12-01-2024	Page:
No:	
1000382	

Sold To:	Delivery To :	
test1	test1	
Attn:	Attn:	
Tel: +60116878766700	Tel: +60116878766700	
Fax:	Fax:	

	Validity Date:	Customer PO NO	Customer No.	days
No	Item Code	Description		Qty
1	JSGNP	Dried Sugar Crystals		1
2	Personalised Bracelet	Personalised Bracelet		1



Hardware & Software Used

Name	Specification
Laptop	Processor: Intel Core i7
	Memory: 8GB
	OS: Windows 11 64 bit

Hardware used

Name	Description	
Visual Studio Code	The IDE that is used during development.	
PhpMyAdmin	A tool that allows the management of MySQL database.	
Gitbash	It is a tool that can be used as a CLI and is used to execute commands and login to AWS and work on the database.	
IntelliJ	It is a tool used for Java development and is very good for collaborations among programmers.	
Jasper Studio	An application used to edit and create printable formats such as irxml.	
Crystal Reports	A software used to edit barcodes	
Dbeaver	A software that is used to load databases of large organizations,	

Software used



Learning Outcome (Technical Skills)

- Learned how to use the AWS console
- Learned how the ERP system works.
- Learn about using complex queries to modify complex datasets
- Get knowledge about how to add widgets to an application.
- Get to know about the accounting terms needed in software industry.
- Learned how to setup POS system in a business organinzation



Challenges I faced

- Responding to customer complaints properly
- Understanding the flow of the ERP system

How I overcame them

- Take guidelines from my supervisor and seniors
- Play with the demo system and understand the flow and the functionalities



Conclusion

To conclude I can say that my internship program in Bigledger Sdn Bhd has been a very good opportunity for me. I have learned a lot by working here and gained a lot of practical knowledge in the field software development specially technical support. I am very grateful to Bigledger for giving me this wonderful opportunity to be a better version of myself.



Thank You

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