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තොසිය පයිලුවුන් කෙත්තොයිල් පයිර්සි අතිකාර්සප

NATIONAL APPRENTICE AND INDUSTRIAL TRAINING AUTHORITY



DAILY DIARY
UNDERGRADUATE / DIPLOMA
INDUSTRIAL TRAINING

Issued No: 4

Issued Date: 22.02.2023

Doc.No : SIT/PL/Fm/15

NAITA/SIT/WUSL / B.Sc / CI /2023

APPRENTICE'S DAILY DIARY

Name: S.H.M.Chathuri Sathya Piyarathne

Apprentice's Private Address: Athuruwala ,Dambadeniya

Contact Phone Number: 0718933579

Category: Computer Science

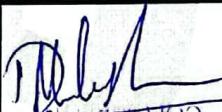
Field/Trade of Training: Software Engineering

Registration Number given by the University : 192100

Registration Number given by the NAITA: UGC/WUSL/00050/2024

Name of Training Establishment: Sri Lanka Telecom

Period of Training From: 27 May 2024 To: 26 November2024

Name and Address Of Establishment	Workshops/ Worksites	Period		Signature of Officer In Charge (With Rubber Stamp)	Designation
		From	To		
Sri Lanka Telecom Head Office, Lotus Road, Colombo01.	Sri Lanka Telecom, Head Office	27 .05.2024	26 .11.2024	 ENGINEER - DIGITAL HELP DESK SRI LANKA TELECOM PLC COLONIAL HOUSE, 100, GALLE ROAD, KANDY, SRI LANKA Tel: +94 11 234 5678 Fax: +94 11 234 5679 Email: info@slt.lk	Engineer

WEEK NO : 01

FOR THE WEEK ENDING			TRAINING LOCATION
Sunday : 02/06/2024			Sri Lanka Telecom- Head Office
Day		Date	BRIEF DESCRIPTION OF THE WORK CARRIED OUT
	Monday	2024.05.27	<ul style="list-style-type: none"> • I started training at the SLT • I discussed with previous interns about current project • I download and installed flutter and Android studio.
	Tuesday	2024.05.28	<ul style="list-style-type: none"> • There was a meeting with engineers to get initial idea about the project. • I participated to a field visit to get to know about types of AC machines in the company.
	Wednesday	2024.05.29	<ul style="list-style-type: none"> • There was a meeting with engineers to discussed with task to be done. • I started to learn flutter basics.
	Thursday	2024.05.30	<ul style="list-style-type: none"> • I created draft requesting form. • I learned flutter.
	Friday	2024.05.31	<ul style="list-style-type: none"> • I designed an excel sheet to familiar with project. • I learned flutter.
Saturday		2024.06.01	<ul style="list-style-type: none"> • Weekend Holy Day.
Sunday		2024.06.02	<ul style="list-style-type: none"> • Weekend Holy Day.

**DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED
ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE**

- During this week , there was a field visit for enhancing knowledge about AC types which were established in A building of SLT. They are as follows.

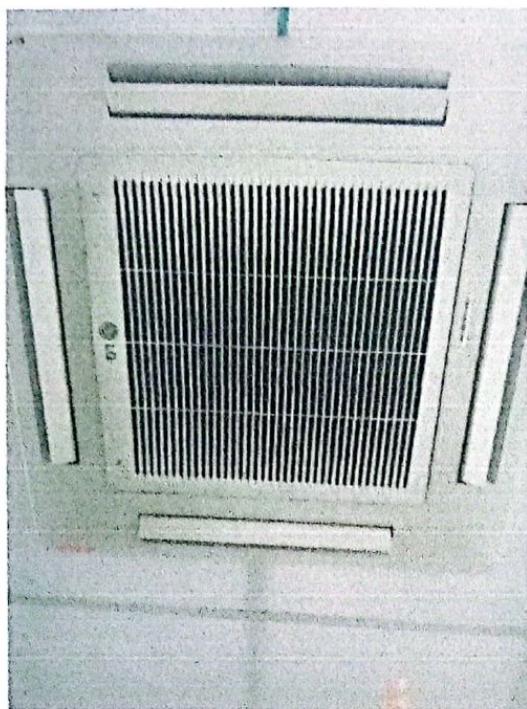


Figure 1: Ceiling cassette Air Conditioner



Figure 2: Ceiling cassette AC entrance inside



Figure 3: Floor standing



Figure 4 : Ceiling mount AC

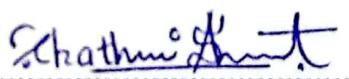
A handwritten signature in black ink, appearing to read "Chathuri Shant".
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SIGNATURE OF TRAINEE

DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE



Figure 6: Electrical and gas unit

- In addition to that I started to learn flutter basics.


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B. P. C. HALASU
ENGINEER
S.R.I.
.....
SIGNATURE

WEEK NO : 02

FOR THE WEEK ENDING Sunday :09/06/2024			TRAINING LOCATION Sri Lanka Telecom -Head Office
Day	Date	BRIEF DESCRIPTION OF THE WORK CARRIED OUT	
Monday	2024.06.03	<ul style="list-style-type: none"> • There was a meeting with general manager to discuss about progress • I studied flutter • I started my initial flutter task 	
Tuesday	2024.06.04	<ul style="list-style-type: none"> • I finished initial task • I studied flutter 	
Wednesday	2024.06.05	<ul style="list-style-type: none"> • There was a meeting with supervisor to explain about the progress • I setup the skeleton code of the project 	
Thursday	2024.06.06	<ul style="list-style-type: none"> • I implemented the web version of project • I studied flutter 	
Friday	2024.06.07	<ul style="list-style-type: none"> • I implemented the mobile version of the application • I studied flutter 	
Saturday	2024.06.08	<ul style="list-style-type: none"> • Weekend Holy Day 	
Sunday	2024.06.09	<ul style="list-style-type: none"> • Weekend Holy Day 	

DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- These are the pictures of my initial task. This is the first page.

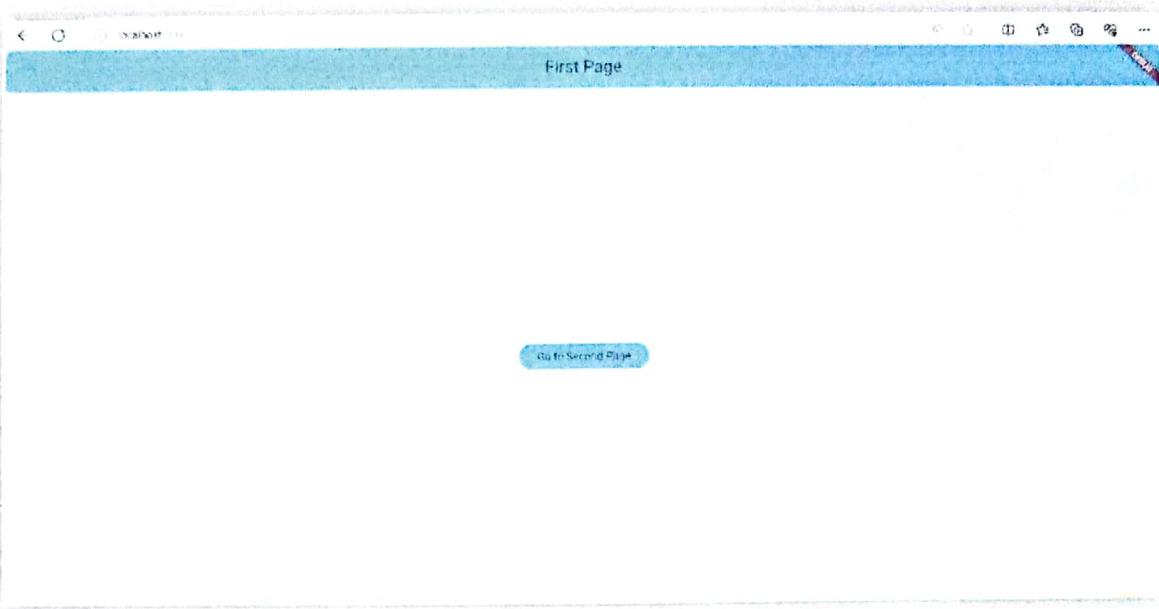


Figure 7: First page of initial task

- After clicking this "Go to Second page" button , it moves to second page

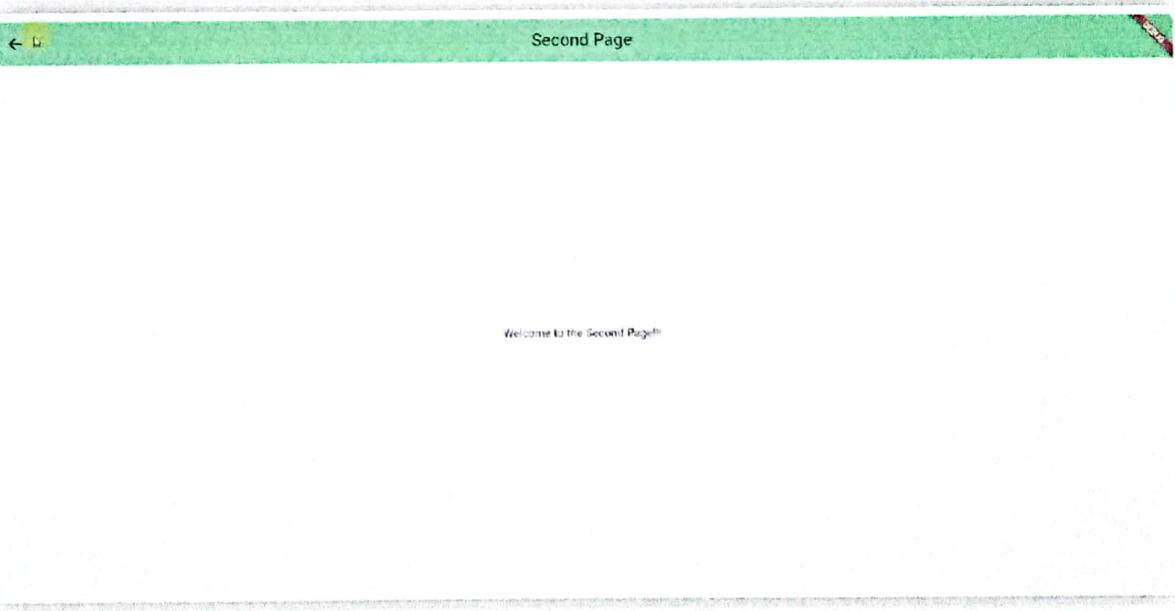


Figure 8:Second page of initial task


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DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- The very beginning of this there was a progress meeting which was conducted by the general manager. I participate that and explained my progress.
- Also, I finished my initial task given last week.
- Then there was a meeting between supervisor. He assigned next task. Also, he gave the skeleton code to run and modify it according to the given task.
- I implemented the web version of that project.
- Then I implemented the mobile version of the project.
- The mobile version image is as follows.

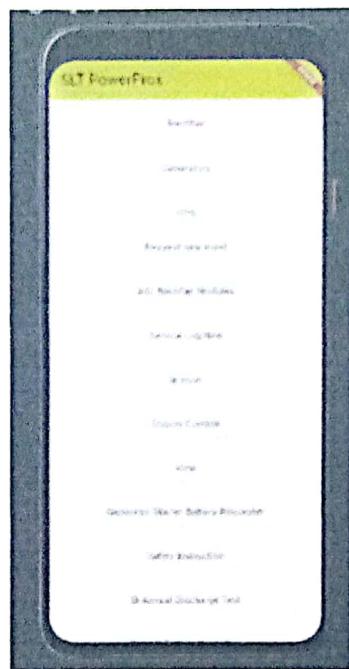


Figure 9 : Mobile Interface of Skeleton code


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B.P.G.BALAJI RYIA
ENGINEER IN CHARGE
SRI LANKA LTD
SIGNATURE
DEPT. OF CIVIL & ENVIRONMENTAL ENGINEERING
NAITA/SIT/WUSL / B.Sc / CI /2023

WEEK NO : 03

FOR THE WEEK ENDING Sunday :16/06/2024		TRAINING LOCATION Sri Lanka Telecom -Head Office
Day	Date	BRIEF DESCRIPTION OF THE WORK CARRIED OUT
Monday	2024.06.10	<ul style="list-style-type: none"> • I participated to the general meeting. • I learned how to add a dropdown menu for the form in flutter.
Tuesday	2024.06.11	<ul style="list-style-type: none"> • I participated to the meeting to discussed about planning process of the project. • I followed many tutorials in flutter. • I learned about various dropdown menus.
Wednesday	2024.06.12	<ul style="list-style-type: none"> • I started to implement the “Request New Asset” form. • I learned how to add calendar to the form.
Thursday	2024.06.13	<ul style="list-style-type: none"> • I implemented the form. • I participated to the progress meeting and explained my progress. • I was asked to do few changes in the meeting.
Friday	2024.06.14	<ul style="list-style-type: none"> • I started to modify the form. • I sent the output to the supervisor.
Saturday	2024.06.15	<ul style="list-style-type: none"> • Weekend Holy Day
Sunday	2024.06.16	<ul style="list-style-type: none"> • Weekend Holy Day

DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- This week I had few meetings to participate. One of them is general meeting .Others are progress meetings.
- I learned about how to add dropdown menu to the form. There were few ways to do that .I choose one way and applied it. Output was as follows.

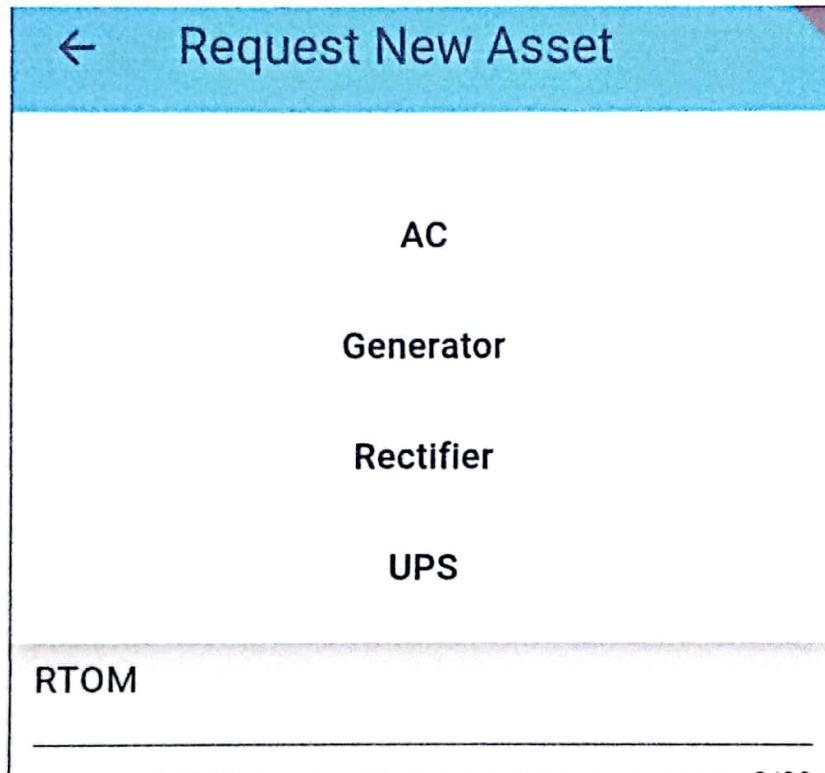
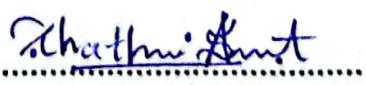


Figure 10: Drop down menu

- Also, I discussed with supervisor about the form outcome. Then I implemented it according to the instructions. The outcome of the form was as follows.


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DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

Request New Asset

Asset	Model
Model	Supplier Name
Region	Supplier Contact
RTOM	Supplier Email
Station (This is the QR Tag ID)	Submitted By
Floor	<input type="checkbox"/> I Verify that submitted details are true and correct
Room	<input type="button" value="Reset"/>
Date of Install	<input type="button" value="Submit"/>

Figure 11: First view of Request New Asset Form



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B.P.G. BALASURIYA
ENGIN SIGNATURE FLP DESK
SI

Issued No: 4

Issued Date: 22.02.2023

Doc.No : SIT/PL/Fm/15

NAITA/SIT/WUSL / B.Sc / CI / 2023

FOR THE WEEK ENDING Sunday : 23/06/2024			TRAINING LOCATION Sri Lanka Telecom-Head Office
Day	Date	BRIEF DESCRIPTION OF THE WORK CARRIED OUT	
Monday	2024.06.17	<ul style="list-style-type: none"> • Holy Day (Id Ul-Alha) 	
Tuesday	2024.06.18	<ul style="list-style-type: none"> • I participated general meeting. • I learned how to implement dynamically changed dropdown menus.(It had two menus to interconnect) 	
Wednesday	2024.06.19	<ul style="list-style-type: none"> • I started to implement dynamically changed dropdown menus by applying one method. • There were many errors to fix. 	
Thursday	2024.06.20	<ul style="list-style-type: none"> • Then I tried to follow another method to implement. • I tried to fix the errors. 	
Friday	2024.06.21	<ul style="list-style-type: none"> • Holy Day (Poson Full Moon Poya Day) 	
Saturday	2024.06.22	<ul style="list-style-type: none"> • Weekend Holy Day 	
Sunday	2024.06.23	<ul style="list-style-type: none"> • Weekend Holy Day 	

**DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED
ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE**

- I participated to the general meeting and I explained the things I had done.
- It was challengeable to implementing dynamically changed drop down menu.
- I followed lots of tutorials to fix the errors and implement the dropdown menus.

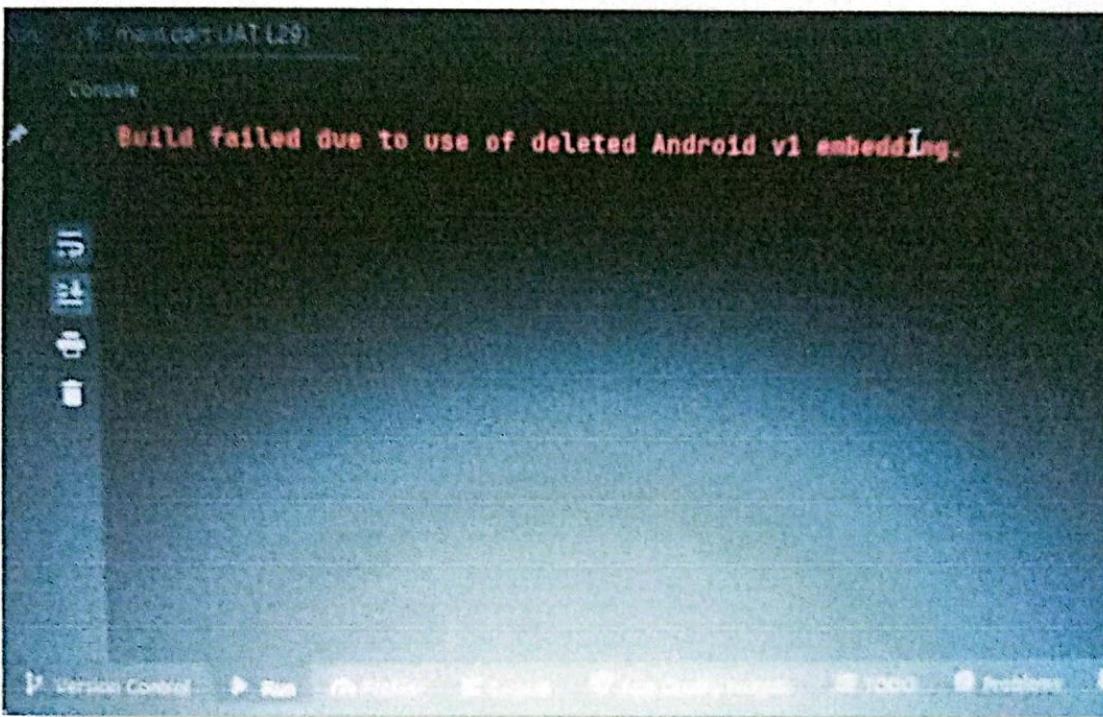


Figure 12: An error occurred when implementing drop down menu

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DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

The screenshot shows a dark-themed code editor with Dart code for a dropdown menu. The code includes imports for 'flutter/material.dart' and 'package:flutter/widgets.dart'. It defines a class 'DynamicDropdown' that extends 'StatefulWidget'. The constructor takes a 'List<String>' parameter. The 'build' method returns a 'StatelessWidget' containing a 'DropdownButton' with items from the list. The 'onChanged' callback updates the state variable 'selectedValue'. The 'selectedValue' is then used to conditionally display either a 'Text' or a 'Image' widget.

```
isIt_power_prox_new.dart
...
import 'package:flutter/material.dart';
import 'package:flutter/widgets.dart';

class DynamicDropdown extends StatefulWidget {
  final List<String> dropdownList;
  final String? selectedValue;
  final void Function(String?)? onChanged;

  DynamicDropdown({required this.dropdownList, this.selectedValue, this.onChanged});

  @override
  _DynamicDropdownState createState() => _DynamicDropdownState();
}

class _DynamicDropdownState extends State<DynamicDropdown> {
  String? selectedValue;

  @override
  Widget build(BuildContext context) {
    return widget.dropdownList.length > 0
        ? DropdownButton(
            value: selectedValue,
            items: widget.dropdownList.map((String item) {
              return DropdownMenuItem(
                value: item,
                child: item == 'Image'
                    ? Image.asset(item)
                    : Text(item));
            }).toList(),
            onChanged: (String? newValue) {
              if (widget.onChanged != null) {
                widget.onChanged!(newValue);
              }
              setState(() {
                selectedValue = newValue;
              });
            },
          )
        : Container();
  }
}
```

Problems: File Project Errors Designer

- RequestNewAsset.dart: C:\Flutter\isIt_power_prox_new\lib\RequestNewAsset.dart [61 problems]
 - Expected to find ']' at 253
 - Unused import: 'package:flutter_localizations/flutter_localizations.dart'
 - Unused import: 'package/form_builder_validators/form_builder_validators.dart'
 - Unused import: 'package/intl/intl.dart'
 - Unused import: 'package/isIt_power_prox_new/RequestNewAsset/RequestNewAsset.dart'
 - ed import: 'package/isIt_power_prox_new/ServiceCloud/mobile.dart'
 - Unused import: 'package/intl/intl.dart'

Figure 13: An error Occurred when implementing Drop down menu



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B.P.G. BATASURIYA
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ENGINEER - DIGITAL HELP DESK
SRI LANKA TELECOM PLC

WEEK NO : 05

FOR THE WEEK ENDING Sunday : 30/06/2024			TRAINING LOCATION Sri Lanka Telecom -Head Office		
Day	Date	BRIEF DESCRIPTION OF THE WORK CARRIED OUT			
Monday		Tuesday	Wednesday	Thursday	Friday
	2024.06.24	<ul style="list-style-type: none"> I participated to the general meeting today. I tried another method to add dynamically changed drop down menus for asset and model. 			
	2024.06.25	<ul style="list-style-type: none"> I made the dynamically changed drop down menu. I showed my progress. 			
	2024.06.26	<ul style="list-style-type: none"> There were few errors with validators. I fixed them . 			
	2024.06.27	<ul style="list-style-type: none"> My supervisor suggested me to use virtual machine. Then I used virtual machine to do the project. I set up the necessary environment on it. 			
	2024.06.28	<ul style="list-style-type: none"> I started coding to POST data to the backend . Also GET the data from the backend. 			
Saturday	2024.06.29	<ul style="list-style-type: none"> Weekend Holy Day 			
Sunday	2024.06.30	<ul style="list-style-type: none"> Weekend Holy Day 			

DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- I participated to the general meeting and showed my progress.
- I tried another way to set dynamically changed drop down for asset and model. Because earlier method was not good enough to work properly.
- Then I implemented them successfully.
- I showed it to my supervisor.

The figure consists of two side-by-side screenshots of a mobile application. Both screenshots have a blue header bar with a back arrow and the title "Request New Asset".
Left Screenshot (Asset: AC, Model: AC1):

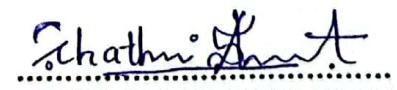
- Asset: AC
- Model: AC1
- Region: CPN
- Station (This is the QR Tag ID): RTOM (0/20)
- Building
- Floor

Right Screenshot (Asset: Generator, Model: G2):

- Asset: Generator
- Model: G2
- Region: HQ
- Station (This is the QR Tag ID): RTOM (0/20)
- Building
- Floor

Figure 14: Dynamically change drop down menu

- My supervisor suggested me to use virtual machine instead of my personal computer. Then I agreed with him. After that I went to "Remote desktop connection". Then I gave username and password which was sent by my supervisor. Then I could get access to the virtual machine.
- Then I copy paste my project from my computer to the virtual machine. Also ,I set up flutter, Gradle.


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DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- There was a issue with validators. I discussed it with my supervisor and fixed it.

The screenshot shows a mobile application interface for requesting a new asset. The top bar is blue with the title "Request New Asset". Below it is a white form with several dropdown menus and input fields. Each field has a small red circular icon with a white exclamation mark to its right, indicating an error. The fields and their current values are:

- Asset: AC
- Model: AC2
- Quantity: 2
- Region: EPN-TC
- RTOM: Rr
- Station (This is the QR Tag ID): (empty)
- Building: A
- Floor: 6

Figure 15: Validator errors on page

- I started coding to POST data to the backend and GET the data from the backend.

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REMARKS AND CERTIFICATION BY THE ENGINEER / T.O

P.C.G. BALASURIYA
ENGINEER - DIGITAL HELP DESK
SRI LANKA TELECOM PLC
COLOMBO 01
SIGNATURE

WEEK NO : 06

FOR THE WEEK ENDING Sunday : 07/07/2024				TRAINING LOCATION Sri Lanka Telecom-Head Office			
Day	Date	BRIEF DESCRIPTION OF THE WORK CARRIED OUT					
Monday	2024.07.01	<ul style="list-style-type: none"> • I participated to general meeting. • I continued to connect database. 					
Tuesday	2024.07.02	<ul style="list-style-type: none"> • I implemented 2 pages called “requestData” and “httpPostreqNewAsset”. • There were few errors to fix. 					
Wednesday	2024.07.03	<ul style="list-style-type: none"> • I implemented a page called “RequestGet”. • I discussed with supervisor about the status of project. 					
Thursday	2024.07.04	<ul style="list-style-type: none"> • The solution was given by the supervisor. • I modified the code according to his explanation. 					
Friday	2024.07.05	<ul style="list-style-type: none"> • I had to fix errors too. • Then I showed my progress to my supervisor. 					
Saturday	2024.07.06	<ul style="list-style-type: none"> • Weekend Holy Day 					
Sunday	2024.07.07	<ul style="list-style-type: none"> • Weekend Holy day 					

**DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED
ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE**

- I continued coding to connect the database properly.
- I participated to the general meeting and showed my progress.
- I implemented 3 additional pages to support to connect backend . They were “RequestData”, “RequestGet” and “httpPostreqNewAsset”.
- They had errors to fix. Some of them were fixed by myself.
- I showed the progress to my supervisor and he suggests the solutions to apply to fix the errors.
- The Figure 16 shows the error ,because I used dynamic variables in my cording ,when backend used static variables. Then I updated my variables.

```
final remarkData = {  
    // 'devid': Request_Id, // Fms RecID  
    // 'username': phone,  
    'Asset$instance': widget.formData['Asset']?.toString(),  
    'Model$instance': widget.formData['Model']?.toString(),  
    'Quantity$instance': widget.formData['Quantity']?.toString(),  
    'Priority$instance': widget.formData['Priority']?.toString(),  
    'Region$instance': widget.formData['Region']?.toString(),  
    'RTDM$instance': widget.formData['RTDM']?.toString(),  
    'Station$instance': widget.formData['Station']?.toString(),  
    'Status$instance': widget.formData['Status']?.toString(),  
    'Type$instance': widget.formData['Type']?.toString()  
};
```

Figure 16: An error occurred when connecting the backend

- The Figure 17 shows the error, because I used different names in two files ton indicate same variable.

```
Quantity': widget.formData['quantity']?.toString() ?? "",  
'Priority': widget.formData['Priority']?.toString() ?? "",  
'Region': widget.formData['Region']?.toString() ?? "",  
'RTDM': widget.formData['RTDM']?.toString() ?? "",  
'Station': widget.formData['Station']?.toString() ?? "",  
  
// --- FormField definition  
name: 'Region',  
decoration:  
labelText: "Region",  
hintText: "Enter Region",  
errorText: "Region is required",  
initialValue: "",  
controller: controllerRegion,
```

Figure 17: An error occurred when using different variable names to call same variable

Chaitra Arut

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DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERED AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- After fixing above errors, I checked the relevant php file to see whether data passed it or not.
 - Then it gave output as follows.

Figure 18: The output of php file

Kathrin Hunt

REMARKS AND CERTIFICATION BY THE ENGINEER / T.O


B. P. G. BALASURIYA
ENGINEER - DIGITAL HELP DESK
SRI LANKA TELECOM PLC
COLOMBO 01

WEEK NO : 07

FOR THE WEEK ENDING Sunday : 14/07/2024			TRAINING LOCATION Sri Lanka Telecom- Head Office					
Day	Date	BRIEF DESCRIPTION OF THE WORK CARRIED OUT						
Monday	2024.07.08	<ul style="list-style-type: none"> • I was assigned to do the documentation for “Request New Asset”. • I participated to the general meeting and I explained my progress. 						
Tuesday	2024.07.09	<ul style="list-style-type: none"> • I connected the backend successfully. • I started documentation. 						
Wednesday	2024.07.10	<ul style="list-style-type: none"> • I continued documentation part. 						
Thursday	2024.07.11	<ul style="list-style-type: none"> • I continued documentation part. 						
Friday	2024.07.12	<ul style="list-style-type: none"> • I finished the documentation part . • Then I hand over it to the supervisor. 						
Saturday	2024.07.13	<ul style="list-style-type: none"> • Weekend Holy Day 						
Sunday	2024.07.14	<ul style="list-style-type: none"> • Weekend Holy Day 						

DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- This week ,I was assigned to complete the documentation for the “Request New Asset”.
 - Also , I participated to the general meeting and showed my progress.
 - I successfully connected backend. Data was passed to backend.

Figure 19: Data passed to backend

- I discussed with other interns about documentation part and clarified the doubtful things.
 - Then I finished the documentation part and submitted to my supervisor.

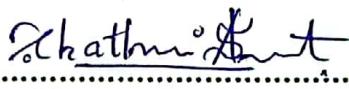
S. Catherine Hunt

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DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- Mainly this documentation included,
 - Introduction
 - System Description
 - Technical Specifications
 - Integration
 - Implementation Details
 - Testing
 - Fault Management
 - Security
 - Challenges and Solutions
 - Future Enhancements
 - Database Schema
 - Conclusion

Of "Request New Asset".


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REMARKS AND CERTIFICATION BY THE ENGINEER / T.O


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B. P. G. BALASURIYA
ENGINEER - DUTY AL HELP DESK
SRI LANKA TELECOM PLC
COLOMBO 01

WEEK NO : 08

FOR THE WEEK ENDING Sunday : 21/07/2024				TRAINING LOCATION Sri Lanka Telecom
Day	Date	BRIEF DESCRIPTION OF THE WORK CARRIED OUT		
Monday	2024.07.15	<ul style="list-style-type: none"> • I participated general meeting. • I started to implement “All Request View Page”. 		
Tuesday	2024.07.16	<ul style="list-style-type: none"> • I discussed with supervisor about request view page. • Then I implemented it as a table. 		
Wednesday	2024.07.17	<ul style="list-style-type: none"> • I showed it to supervisor and he asked me to develop it as a user-friendly UI. • Then I implemented request details as a card. 		
Thursday	2024.07.18	<ul style="list-style-type: none"> • I showed it to supervisor and he asked me to implement it as a small card. • Then I learned from you tube tutorials to implement it as a small card. 		
Friday	2024.07.19	<ul style="list-style-type: none"> • I implemented it as small card. • Then I showed it to the supervisor and did the modification. 		
Saturday	2024.07.20	<ul style="list-style-type: none"> • Weekend Holy Day 		
Sunday	2024.07.21	<ul style="list-style-type: none"> • Weekend Holy Day 		

DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- I participated to the general meeting.
- I started to implement "All Request View Page".
- The purpose of having that page was when authorized officers want to see all the request, this view page is for that.
- It has all requests.
- First time I implemented as a table. When it dragged to left other details appeared.

Request ID	Asset	Model	Qn
265	Medium	Medium	M
267	High	High	H
268			
269			
270			
271			
272			
273			
274			
275			
276			
277			
278			

Figure 20 : View page as a table

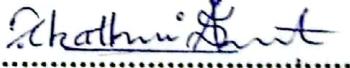

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SIGNATURE OF TRAINEE

DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- I informed about supervisor and he asked me to change it as a user-friendly UI.
- Then I implemented it as a card. It showed all the details of request.
- Then my supervisor asked me to minimized the card sized.

All Request New Asset Details	
Request_ID: 265	Building: B
Asset: Medium	Floor: 3
Model: Medium	Room: 4
Quantity: Medium	Installation Date:
Priority: Medium	2024-07-06
Region: NPN	19:44:07.049621
RTOM: In	Remarks:
Station: 09999	Submitted By: 203
Building: B	Submitted Date: 2024-07-06
Floor: 3	19:44:07.049621
Room: 4	
Installation Date: 2024-07-06 19:44:07.049621	
Remark:	
Submitted By: 203	
Submitted Date: 2024-07-06 19:44:07.049621	
Request_ID: 267	Building: A
Asset: High	Floor: 2
Model: High	Room: 2
Quantity: High	Installation Date:
Priority: High	2024-07-19 20:21:06.100
Region: CPM	Remarks:
RTOM: In	Submitted By: 203
Station: 11	Submitted Date: 2024-07-06
Building: A	20:21:06.100
Floor: 2	
Room: 2	
Installation Date: 2024-07-19 20:21:06.100	
Remark:	
Submitted By: 203	
Submitted Date: 2024-07-06 20:21:06.100	
Request_ID: 268	Building: A
Asset: Low	Floor: 4
Model: Low	Room: 4
Quantity: Low	Installation Date:
Priority: Low	2024-07-19 20:21:06.100
Region: CPM	Remarks:
RTOM: In	Submitted By: 203
Station: 11	Submitted Date: 2024-07-06
Building: A	20:21:06.100
Floor: 4	
Room: 4	
Installation Date: 2024-07-19 20:21:06.100	
Remark:	
Submitted By: 203	
Submitted Date: 2024-07-06 20:21:06.100	

Figure 21: View page as cards


SIGNATURE OF TRAINEE

REMARKS AND CERTIFICATION BY THE ENGINEER / T.O


B. P. G. BALASURIYA
...ENGINEER "DIGITAL HELP DESK"
SRI LANKA TELECOM PLC
COLOMBO 01
SIGNATURE

WEEK NO : 09

FOR THE WEEK ENDING Sunday : 28/07/2024			TRAINING LOCATION Sri Lanka Telecom -Head Office	
Day	Date	BRIEF DESCRIPTION OF THE WORK CARRIED OUT		
Monday	2024.07.22	<ul style="list-style-type: none"> • I participated to general meeting . • I started to implement “Ticket” to display after submitting the request. 		
Tuesday	2024.07.23	<ul style="list-style-type: none"> • I finished implementing the ticket . • I discussed with supervisor about the progress. 		
Wednesday	2024.07.24	<ul style="list-style-type: none"> • I started to add “Status” button for all request details card. • Also, I started to implement “Status Form”. 		
Thursday	2024.07.25	<ul style="list-style-type: none"> • I implemented Status button and Status Form. 		
Friday	2024.07.26	<ul style="list-style-type: none"> • I progress to my supervisor. • Then he and another officer informed me to do some modification. 		
Saturday	2024.07.27	<ul style="list-style-type: none"> • Weekend Holy Day 		
Sunday	2024.07.28	<ul style="list-style-type: none"> • Weekend Holy Day 		

DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- I participated to the general meeting.
- I started to implement "Ticket".
- When user submit the request new asset form, this ticket will appear.

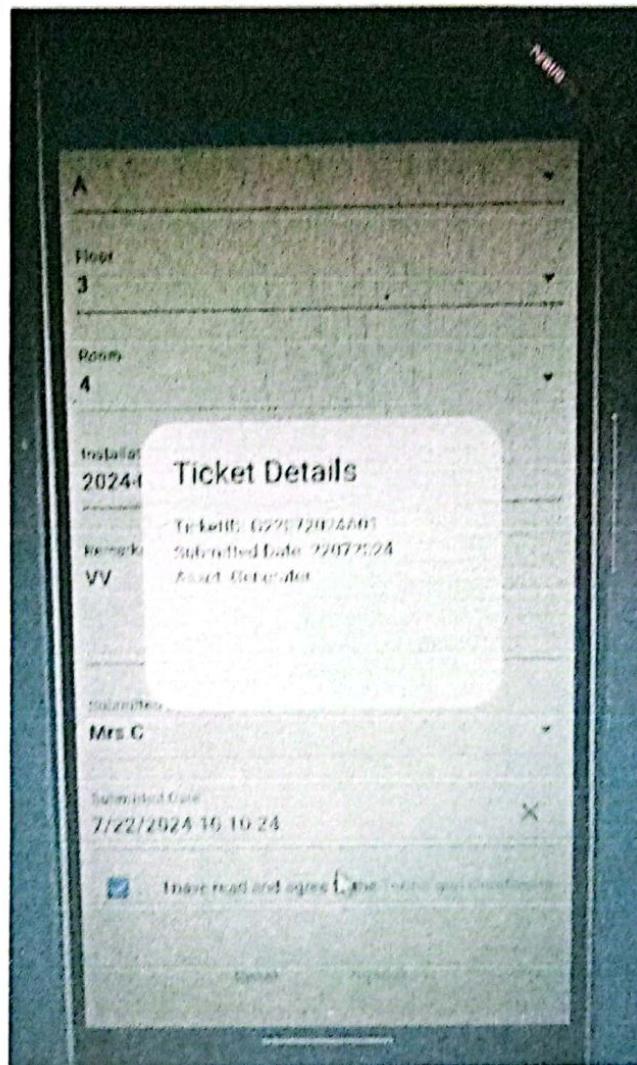
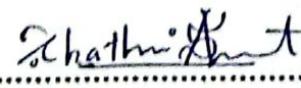


Figure 22: Ticket View


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SIGNATURE OF TRAINEE

DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- I started to add "Status" button and "Status Form". The purpose of having "Status" was to update the request nature like whether it was accepted or rejected or pending.

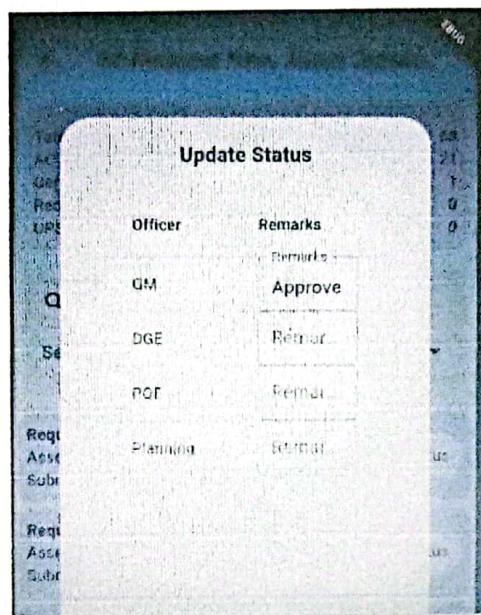


Figure 23 : View of Status form

Sathasivam,
.....
SIGNATURE OF TRAINEE

REMARKS AND CERTIFICATION BY THE ENGINEER / T.O

showed excellent conduct

D. Balasuriya
B.P.G.G.BALASURIYA
ENGINEER - DIGITAL HELP DESK
SRI LANKA TELECOM
SIGNATURE

WEEK NO : 10

FOR THE WEEK ENDING Sunday : 04/08/2024					TRAINING LOCATION Sri Lanka Telecom - Head Office
Day	Date	BRIEF DESCRIPTION OF THE WORK CARRIED OUT			
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	2024.07.29				<ul style="list-style-type: none"> • I participated to the general meeting. • I did the modification as supervisor informed.
	2024.07.30				<ul style="list-style-type: none"> • I showed my progress to supervisor. • He informed me to implement another page to retrieve data called “My Request Details”.
	2024.07.31				<ul style="list-style-type: none"> • I started to implement “ My Request Details”. • I designed them as cards.
	2024.08.01				<ul style="list-style-type: none"> • I included “Status “ button for each card. • I followed tutorial in you tube.
	2024.08.02				<ul style="list-style-type: none"> • I explained my progress to supervisor. • He asked me to do few modifications.
Sunday	2024.08.03				<ul style="list-style-type: none"> • Weekend Holy day
	2024.08.04				<ul style="list-style-type: none"> • Weekend Holy Day

DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- I participated to the general meeting .
- Also, I did the modification as supervisor said.
- He asked to add a card to display total requests and total number of requests for AC, generators , rectifiers and UPS.
- Also, he asked to add search bar to search the region and show the requests of related to that region.

← All Request New Asset Details		
Total Requests:	137	
AC Requests:	64	
Generator Requests	5	
Rectifier Requests	0	
UPS Requests	0	
Search		
Select Region		
Request_ID: 265		Status
Asset: Medium		
Submitted By: 999		
Request_ID: 267		Status
Asset: High		
Submitted By: CC		
Request_ID: 268		Status
Asset:		
Submitted By:		
Request_ID: 288		Status
Asset: Generator		
Submitted By:		
Request_ID: 289		Status
Asset:		
Submitted By:		
Request_ID: 290		Status
Asset:		
Submitted By:		

Figure 24 : View of All Request New Asset Details

S. Rathinam
.....
SIGNATURE OF TRAINEE

DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- I implemented " My Request Details" Page.
- Then I discussed the progress with my supervisor.

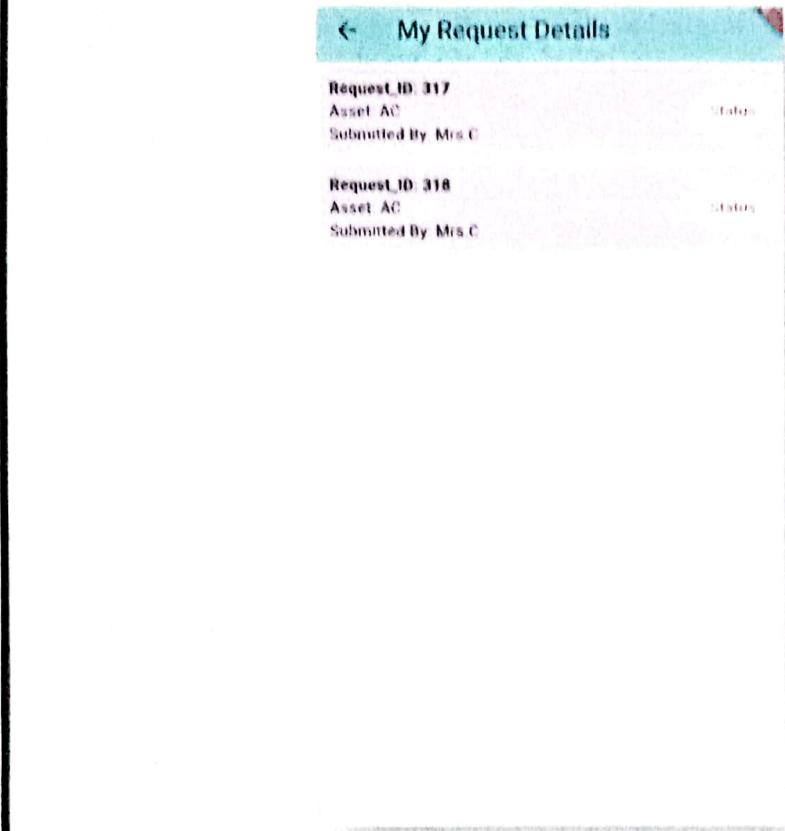


Figure 25: View of My Request Details

Sachin Kant
SIGNATURE OF TRAINEE

REMARKS AND CERTIFICATION BY THE ENGINEER / T.O

gained good improvement in flutter

B. P. G. BALA
B. P. G. BALA
ENGINEER - D
SIGNATURE

WEEK NO : 11

FOR THE WEEK ENDING Sunday : 11/08/2024				TRAINING LOCATION Sri Lanka Telecom -Head Office								
Sunday	Saturday	Friday	Thursday	Wednesday	Tuesday	Monday	Day	Date	BRIEF DESCRIPTION OF THE WORK CARRIED OUT			
								2024.08.05	<ul style="list-style-type: none"> • I participated to the general meeting. • I started to post ticket details to the backend. 			
								2024.08.06	<ul style="list-style-type: none"> • There was an issue ,because data did not pass to backend properly. • I tried another way to connect them. 			
								2024.08.07	<ul style="list-style-type: none"> • My new method also did not work well. • I explained supervisor about the issue of posting data to the backend. 			
								2024.08.08	<ul style="list-style-type: none"> • I followed tutorials to solve this problem. • I got the help from the well-known interns. 			
								2024.08.09	<ul style="list-style-type: none"> • I changed the UI of “Status” form. • I showed my progress to supervisor. 			
								2024.08.10	<ul style="list-style-type: none"> • Weekend Holy Day 			
								2024.08.11	<ul style="list-style-type: none"> • Weekend Holy Day 			

DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- I participated to the general meeting.
- I started coding to post ticket details to the backend.
- I tried two ways to post details backend successfully .But none of them worked.
- Then I explain that situation to my supervisor.

```
[{"Ticket_ID": "1", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "2", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "3", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "4", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "5", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "6", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "7", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "8", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "9", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "10", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "11", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "12", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "13", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "14", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "15", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "16", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "17", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "18", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "19", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "20", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "21", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "22", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "23", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "24", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "25", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "26", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "27", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "28", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "29", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "30", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "31", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "32", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "33", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "34", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "35", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "36", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}, {"Ticket_ID": "37", "Ticket": null, "date": null, "time": null, "asset": null, "submitted_by": null}]
```

Figure 26: Null values of ticket details

- Then I followed tutorials to fix the issue.
- Also , I discussed with other interns about the issue.
- I asked them about their experience on posting data to the backend.


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SIGNATURE OF TRAINEE

DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- I started to change UI of Status form.
- Then I showed my progress to the supervisor.

← Update Status for Request

Officer

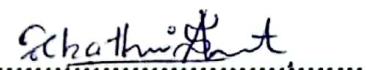
Remarks

Date & Time

2024 09 10

Submit

Figure 27: View Of New Status Form


SIGNATURE OF TRAINEE

REMARKS AND CERTIFICATION BY THE ENGINEER / T.O


B. P. G. BALASURIYA
ENGINEER - DIGITAL HELP DESK
SRI LANKA TELECOM PLC
COLOMBO 01.
SIGNATURE

WEEK NO : 12

FOR THE WEEK ENDING Sunday : 18/08/2024					TRAINING LOCATION Sri Lanka Telecom- Head Office
					BRIEF DESCRIPTION OF THE WORK CARRIED OUT
Day	Date	Monday	Tuesday	Wednesday	
	2024.08.12				<ul style="list-style-type: none"> • I participated general meeting today. • I started to connect “Status” form with backend.
	2024.08.13				<ul style="list-style-type: none"> • I discussed with other interns about connecting backend properly. • I continued coding to connect backend.
	2024.08.14				<ul style="list-style-type: none"> • There was an error ,because data did not pass to backend properly. • I showed my progress to the supervisor.
	2024.08.15				<ul style="list-style-type: none"> • I was assigned a new task. • It was “Building inspection and Tower inspection” • The documentation of new task was given.
	2024.08.16				<ul style="list-style-type: none"> • I followed the documentation well. • Then I discussed with supervisor about few features of the pages.
Saturday	2024.08.17				<ul style="list-style-type: none"> • Weekend Holy Day
Sunday	2024.08.18				<ul style="list-style-type: none"> • Weekend Holy Day

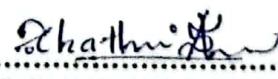
DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- I participated to the general meeting.
- I started to connect "Status" form with backend.
- But there was an issue when post data to the backend.

```
[{"Status_ID": "1", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "2", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "3", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "4", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "5", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "6", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "7", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "8", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "9", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "10", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "11", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "12", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "13", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "14", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "15", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "16", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "17", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "18", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "19", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "20", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "21", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "22", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "23", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "24", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "25", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "26", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "27", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "28", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "29", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "30", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "31", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "32", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "33", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "34", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "35", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "36", "officer": null, "Remarks": null, "Date_and_Time": null}, {"Status_ID": "37", "officer": null, "Remarks": null, "Date_and_Time": null}]
```

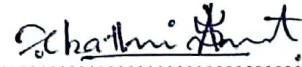
Figure 28: Null values in Status Table

- Then I informed about this supervisor.
- He asked me to keep them until I finished next task.


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SIGNATURE OF TRAINEE

DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- I was assigned to new task.
- It had mainly two parts.
 - Building Inspection
 - Tower Inspection
- He provided me the documentation of “ Electrical protection inspector development”.
- According to that documentation two separate forms were to be made for building and tower inspection.
- Building inspection forms had toggle switches mainly.
- But tower inspection forms had different type of pages. Few of them were
 - Checklist page
 - Details page
 - Sketch page (It was like a drawing page).


.....
SIGNATURE OF TRAINEE

REMARKS AND CERTIFICATION BY THE ENGINEER / T.O

able to take new challenges
showed excellent commitment


.....
B. P. G. BALASURIYA
ENGINEER - DIGITAL HELP DESK
SRILANKA TELECOM
.....
SIGNATURE

WEEK NO : 13

FOR THE WEEK ENDING Sunday : 25/08/2024			TRAINING LOCATION Sri Lanka Telecom – Head Office	
Day	Date	BRIEF DESCRIPTION OF THE WORK CARRIED OUT		
Sunday	2024.08.19	<ul style="list-style-type: none"> Holy Day (Nikini Full Moon Poya Day) 		
Monday	2024.08.20	<ul style="list-style-type: none"> I started to implement 1st page of new task. I learned how to add toggle switches in flutter. 		
Tuesday	2024.08.21	<ul style="list-style-type: none"> I implemented 2nd and 3rd pages. There was an issue with space to show the content properly. 		
Wednesday	2024.08.22	<ul style="list-style-type: none"> I participated to the general meeting. I changed the position of content and minimized the font size. I implemented 4th and 5th pages. 		
Thursday	2024.08.23	<ul style="list-style-type: none"> I implemented 6th and 7th pages . I showed the progress to my supervisor and he asked to do few changes. 		
Friday	2024.08.24	<ul style="list-style-type: none"> Weekend Holy Day 		
Saturday	2024.08.25	<ul style="list-style-type: none"> Weekend Holy Day 		

DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- I started to implement building inspection pages.
- I implemented 1-7 pages of building inspection.
- I learned about toggle switches in flutter.
- Also , I applied toggle switches to the forms as a requirement.
- I participated to the general meeting of this week. Also , I explained my progress.
- Following images are the few of building inspection forms.

← 1 →

Proper connectivity between bare copper cable & earth rod at the inspection pit

Accepted
 Not OK- Improvement Required
 Not relevant to the station
 Accepted after effecting correction
 Others- Please specify under Remarks

If no, explain why

Next

← 2 →

Proper connectivity between main ground bar & the wire

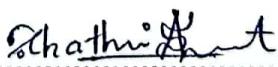
Accepted
 Not OK- Improvement Required
 Not relevant to the station
 Accepted after effecting correction
 Others- Please specify under Remarks

If no, explain why

Next

Figure 29 : 1st page of building inspection

Figure 30: 2nd page of building inspection


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SIGNATURE OF TRAINEE

DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

← 3 →

Copper cable connections at the main ground bars

- Accepted
- Not OK- Improvement Required
- Not relevant to the station
- Accepted after effecting correction
- Others- Please specify under Remarks

If no, explain why

Next

← 4 →

Earth resistance from different part of the earthing system to confirm the continuity (Before measure the earth resistance, disconnect the earth resistance, disconnect the earth cable from the SPD to protect it high continuous operating voltage applied by the Earth tester. After the test, remember to reconnect the disconnected earth)

- Accepted
- Not OK- Improvement Required
- Not relevant to the station
- Accepted after effecting correction
- Others- Please specify under Remarks

If no, explain why

Next

Figure 31: 3rd page of building inspection

Figure 32: 4th page of building inspection

Schathmukund
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REMARKS AND CERTIFICATION BY THE ENGINEER / T.O

Worked well with the team

B. P. G. BALASURIYA
B. P. G. BALASURIYA
ENGINEER - DIGITAL FIELD DESK
SRI LANKA TELECOM
.....
SIGNATURE

WEEK NO : 14

FOR THE WEEK ENDING Sunday : 01/09/2024			TRAINING LOCATION Sri Lanka Telecom -Head Office	
Day	Date	BRIEF DESCRIPTION OF THE WORK CARRIED OUT		
Monday	2024.08.26	<ul style="list-style-type: none"> • I participated to the general meeting and explained my progress. • I implemented 8th and 9th pages of building inspection. • I participated to the knowledge sharing session about project management. 		
Tuesday	2024.08.27	<ul style="list-style-type: none"> • I implemented 10th and 11th pages. • I had to minimized the font size to show the content properly. 		
Wednesday	2024.08.28	<ul style="list-style-type: none"> • I implemented 12th page of the building inspection. • I changed the static page to scrollable page. 		
Thursday	2024.08.29	<ul style="list-style-type: none"> • I showed my progress to my supervisor. • He asked me to do few modifications. 		
Friday	2024.08.30	<ul style="list-style-type: none"> • I did the all modifications. • Then I showed the progress to my supervisor. 		
Saturday	2024.08.31	<ul style="list-style-type: none"> • Weekend Holy Day 		
Sunday	2024.09.01	<ul style="list-style-type: none"> • Weekend Holy Day 		

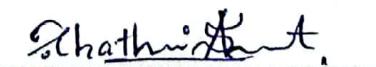
DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- I participated to the general meeting .I explained my progress .Also I saw other interns' progress.
- Also, I participated to the knowledge sharing session about project management.
- I learned about differences between agile and waterfall methods.
- I implemented 8th,9th,10th ,11th and 12th pages of building inspection.
- I discussed with my supervisor about progress and modifications.
- Following images are the few of building inspection forms.

←	8	→
<p>Physical damages to SPD's</p> <p><input type="radio"/> Accepted <input type="radio"/> Not OK- Improvement Required <input checked="" type="radio"/> Not relevant to the station <input type="radio"/> Accepted after effecting correction <input type="radio"/> Others-Please specify under Remarks</p> <p>If no, explain why</p> <p style="text-align: center;">Next</p>		
<p>Visual indicators of SPD</p> <p><input type="radio"/> Accepted <input type="radio"/> Not OK- Improvement Required <input type="radio"/> Not relevant to the station <input checked="" type="radio"/> Accepted after effecting correction <input type="radio"/> Others-Please specify under Remarks</p> <p>If no, explain why</p> <p style="text-align: center;">Next</p>		

Figure 33: 8th page of building inspection

Figure 34: 9th page of building inspection.


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DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

←

10

←

11

Condition of HRC fuses

- Accepted
- Not OK- Improvement Required
- Not relevant to the station
- Accepted after effecting correction
- Others-Please specify under Remarks

If no, explain why

Next

Separation of input power cables with protected output cable (at least 300mm)

- Accepted
- Not OK- Improvement Required
- Not relevant to the station
- Accepted after effecting correction
- Others-Please specify under Remarks

If no, explain why

Next

Figure 35: 10th page of building inspection

Figure 36: 11th page of building inspection


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SIGNATURE OF TRAINEE

REMARKS AND CERTIFICATION BY THE ENGINEER / T.O


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B. P. G. BALASURIYA
ENGINEER - DIGITAL HELP DESK
SRI LANKA TELECOM PLC
.....
SIGNATURE

Issued No: 4

Issued Date: 22.02.2023

Doc.No : SIT/PL/Fm/15

NAITA/SIT/WUSL / B.Sc / CI /2023

WEEK NO : 15

FOR THE WEEK ENDING Sunday : 08/09/2024		TRAINING LOCATION Sri Lanka Telecom-Head Office
Day	Date	BRIEF DESCRIPTION OF THE WORK CARRIED OUT
Monday	2024.09.02	<ul style="list-style-type: none"> • I participated to the general meeting. • I learned difference between static form and scrollable form.
Tuesday	2024.09.03	<ul style="list-style-type: none"> • I started to implement tower inspection forms. • I fixed the errors on space.
Wednesday	2024.09.04	<ul style="list-style-type: none"> • I implemented a form which helped to sketch something on that page. • There was an error ,it was not well connected with cursor. • I fixed that error.
Thursday	2024.09.05	<ul style="list-style-type: none"> • I completed tower inspection forms. • There were 7 forms. • I discussed with supervisor about my progress.
Friday	2024.09.06	<ul style="list-style-type: none"> • There were few modifications to do. • I added some dropdown menus according to supervisor's request.
Saturday	2024.09.07	<ul style="list-style-type: none"> • Weekend Holy Day
Sunday	2024.09.08	<ul style="list-style-type: none"> • Weekend Holy Day

DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

- I participated to the general meeting and I explained my task and presented the progress.
- I learned about static forms and scrollable forms.
- There was an error with space. When sentence was too long it did not show the content right side of the form properly.
- Then I changed the position of some components and minimized the font size to fix this issue.
- There was a space issue on the bottom of the form. Then I change the static form to the scrollable form.
- Then I showed my progress of the task to my supervisor, then he asked to do some modifications.
- Some of them were adding dropdown menus for necessary places, enhancing the sketch page ability to draw the things with well-connected cursor.

← Tower Sections

Check List

SPD Details

Earthing Material Details

Earth Resistance

Sketch of Tower Location, Earth Pit & Earth Grid

Remarks

← Check List

Lightning Air Terminal

Down conductor from Air terminal to Earth bar

The cable sheaths of all signal lines terminated at the earth bar

Connection between external earth bar and cable rack earth bar (Equipment cabinet)

Equipment cabinet grounded

Continuity from tower legs to earth bar

SPD earth terminated at earth bar

Over current protection for SPD (Fuse & MCB)

Earth Pit/s (Number Of Earth pits)

Down conductor from Earth Bar to Earth pit (continuity)

Remarks

Enter any remarks here

Next

Figure 37: Home page of Tower inspection

Figure 38: 1st page of Tower Inspection


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DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERD AND HOW SOLVED ETC., DIMENSIONS AND SKETCHES TO BE GIVEN WHEREVER POSSIBLE

← SPD Details

Fuse breaker available? Yes No

Fuse/Breaker rating: Enter rating

SPD available? Yes No

Class: Enter class

Uo (V) Phase: Enter Uo (V) Phase

Up (KV) Phase: Enter Up (KV) Phase

Imp (10/350 µs) Phase: Enter Imp

Earth Cable available? Yes No

Earth cable termination length (cm): Enter termination le

Earth cable termination size (mm²): Enter termination size

Remarks: Enter any remarks here

Next

← Earthing Material Details

No:	Direction from earth pit	Earth resistance
1	▼	
2	▼	
3	▼	
4	▼	
5	▼	

Add more Calculate

Average	0.00
---------	------

Next

← Sketch Tower Location, Earth Pit & Earth Grid

Next

Figure 39: 2nd page of Tower inspection

Figure 40: 5th page of Tower inspection

Figure 41: 6th page of Tower inspection

Sathasivam
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REMARKS AND CERTIFICATION BY THE ENGINEER / T.O

Completed many tasks before deadline

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