



Daily Diary
Internship Program
Bachelor of Information and Communication
Technology (Honours)

Department of Information and Communication Technology,
Faculty of Technological Studies,
University of Vavuniya,
Pampaimadu,
Sri Lanka.
2023

Apprenticeship Daily Diary

Student's Name: Mithuja Vilvarasha

Registration Number: 2017/ICTS/04

Index Number: TS3003

Private Address: Avarangal East Puttur, Jaffna

Contact Number: 0768860911

Field of Training: Software Development

Internal Supervisor's Name: Mr.V.Senthooran

Internship Provider: Codelantic (Pvt) Ltd

Provider Address: Ramanathan Rd, Jaffna

External Supervisor's Name: Premkumar Rajathura

Internship Position: Trainee Software Engineer - Back End

Period of Training: 06 months

From: 31/07/2023

To: 01/02/2024

WEEK NO: 01			
Training Location: Jaffna			
From	31/07/2023	To	04/08/2023

MONTH: 01

Activities Undertaken During the Week

Day	Date	Hours	Brief description of the work carried out
Monday	31/07/2023	08	Spring Boot self-learning.
Tuesday	01/08/2023	00	-----Poya leave-----
Wednesday	02/08/2023	08	Hands-on practices with a simple spring Boot application.
Thursday	03/08/2023	08	Implementing Service layer.
Friday	04/08/2023	08	Unit Test case writings self-learning and implementation.

WEEKLY CERTIFICATION

Details of work carried out (Problems encountered and how they were solved; dimensions and sketches to be given whenever possible)

This week I referred some references to self-learning spring boot and hands on practices with a simple spring boot application. And also practice implementing service layer and unit test case writings self-learning and implementation using Mockito Junit.

V.Mithuja

.....
Signature of Trainee Undergraduate

Remarks and Certification by the External Supervisor

.....
Date

.....
External Supervisor's Signature

WEEK NO: 02			
Training Location: Jaffna			
From	07/08/2023	To	11/08/2023

Activities Undertaken During the Week

Day	Date	Hours	Brief description of the work carried out
Monday	07/08/2023	08	Microservices Architecture self-learning.
Tuesday	08/08/2023	08	Implementation of another simple Microservice.
Wednesday	09/08/2023	08	Unit Test case writings for the new Service.
Thursday	10/08/2023	08	Unit Test case writings for the new Service.
Friday	11/08/2023	08	Flyway migration & Triggers.

WEEKLY CERTIFICATION

Details of work carried out (Problems encountered and how they were solved; dimensions and sketches to be given whenever possible)

This week I learn new concept microservice architecture and implement another simple micro service. And write the unit testcase for the new micro service. And also learn about flyway migration and triggers and implementation.

V.Mithuja

.....
Signature of Trainee Undergraduate

Remarks and Certification by the External Supervisor

.....
Date

.....
External Supervisor's Signature

WEEK NO: 03			
Training Location: Jaffna			
From	14/08/2023	To	18/08/2023

Activities Undertaken During the Week

Day	Date	Hours	Brief description of the work carried out
Monday	14/08/2023	08	Implementation of the Gateway service and Feign-Client implementation.
Tuesday	15/08/2023	08	Implementation of the Gateway service and Feign-Client implementation.
Wednesday	16/08/2023	08	Rest API validation and Backend validation for the Gateway service
Thursday	17/08/2023	08	Unit Test case writings for the Gateway service.
Friday	18/08/2023	08	Unit Test case writings for the Gateway service.

WEEKLY CERTIFICATION

Details of work carried out (Problems encountered and how they were solved; dimensions and sketches to be given whenever possible)

This week I did implementation of the Gateway service and Feign-Client implementation. When I connect two micro services , I face some problems I got help from lead and complete my task. And also did the Rest API validation and backend validation for the gateway service and write the test cases for the gateway service.

V.Mithuja

.....
Signature of Trainee Undergraduate

Remarks and Certification by the External Supervisor

.....
Date

.....
External Supervisor's Signature

WEEK NO: 04			
Training Location: Jaffna			
From	21/08/2023	To	25/08/2023

Activities Undertaken During the Week

Day	Date	Hours	Brief description of the work carried out
Monday	21/08/2023	08	Implementation of two Microservices and connecting using the Gateway service-Self Assessment.
Tuesday	22/08/2023	08	Implementation of two Microservices and connecting using the Gateway service-Self Assessment.
Wednesday	23/08/2023	08	Implementation of two Microservices and connecting using the Gateway service-Self Assessment.
Thursday	24/08/2023	00	-----Medical leave-----
Friday	25/08/2023	08	Implementation of two Microservices and connecting using the Gateway service-Self Assessment.

WEEKLY CERTIFICATION

Details of work carried out (Problems encountered and how they were solved; dimensions and sketches to be given whenever possible)

This week I did the self-assessment - Implementation of two Microservices and connecting using the Gateway service. I faced some errors then got the help from lead and solve that errors and complete the assessment.

V.Mithuja

.....
Signature of Trainee Undergraduate

Remarks and Certification by the External Supervisor

.....
Date

.....
External Supervisor's Signature

WEEK NO: 05			
Training Location: Jaffna			
From	28/08/2023	To	01/09/2023

Activities Undertaken During the Week

Day	Date	Hours	Brief description of the work carried out
Monday	28/08/2023	08	Bankoyo control panel core service test case writing.
Tuesday	29/08/2023	08	Bankoyo control panel core service test case writing.
Wednesday	30/08/2023	00	-----Poya leave-----
Thursday	31/08/2023	08	Bankoyo control panel core service test case writing.
Friday	01/09/2023	08	Bankoyo control panel core service test case writing.

WEEKLY CERTIFICATION

Details of work carried out (Problems encountered and how they were solved; dimensions and sketches to be given whenever possible)

From this week they assigned the tasks for me. This week assigned write the unit test cases for the Bankoyo control panel core service. First day of this week I face some problems because I don't know how to write test cases for the some complex methods then I referred some videos and did those tasks.

V. Mithreja

.....
Signature of Trainee Undergraduate

Remarks and Certification by the External Supervisor

.....
Date

.....
External Supervisor's Signature

WEEK NO: 06			
Training Location: Jaffna			
From	04/09/2023	To	08/09/2023

Activities Undertaken During the Week

Day	Date	Hours	Brief description of the work carried out
Monday	04/09/2023	08	Satelite KT & Project Setup.
Tuesday	05/09/2023	08	Test case writing – User management service.
Wednesday	06/09/2023	08	Test case writing – User management service.
Thursday	07/09/2023	08	Test case writing – Identity service.
Friday	08/09/2023	08	Test case writing – Identity service.

WEEKLY CERTIFICATION

Details of work carried out (Problems encountered and how they were solved; dimensions and sketches to be given whenever possible)

This week task is satellite KT & project setup and wrote test cases for the user management service and identity service.

Type text here

V. Mithuja

.....
Signature of Trainee Undergraduate

Remarks and Certification by the External Supervisor

.....
Date

.....
External Supervisor's Signature

WEEK NO: 07			
Training Location: Jaffna			
From	11/09/2023	To	15/09/2023

Activities Undertaken During the Week

Day	Date	Hours	Brief description of the work carried out
Monday	11/09/2023	08	Corporate user role test case writings & sonar coverage.
Tuesday	12/09/2023	08	End-to-end test case writings KT & environment setup.
Wednesday	13/09/2023	08	End-to-end test case writings KT & environment setup.
Thursday	14/09/2023	08	End-to-end test case writings KT & environment setup and Corporate user role test case writings & sonar coverage.
Friday	15/09/2023	08	Corporate user role test case writings & sonar coverage.

WEEKLY CERTIFICATION

Details of work carried out (Problems encountered and how they were solved; dimensions and sketches to be given whenever possible)

This week's task is End-to-end test case writings KT & environment setup Corporate user role test case writings & sonar coverage.

V.Mithuja

.....
Signature of Trainee Undergraduate

Remarks and Certification by the External Supervisor

.....
Date

.....
External Supervisor's Signature

WEEK NO: 08			
Training Location: Jaffna			
From	18/09/2023	To	22/09/2023

Activities Undertaken During the Week

Day	Date	Hours	Brief description of the work carried out
Monday	18/09/2023	08	Test case writing- User management service.
Tuesday	19/09/2023	08	Test case writing – Customer portal service.
Wednesday	20/09/2023	08	Test case writing – Customer portal service.
Thursday	21/09/2023	08	E2E automation Satellite Report.
Friday	22/09/2023	08	E2E automation Satellite Report.

WEEKLY CERTIFICATION

Details of work carried out (Problems encountered and how they were solved; dimensions and sketches to be given whenever possible)

This week I worked on test cases for the user management service and customer portal service and end to end automation for the satellite Report.

V.Mithuja

.....
Signature of Trainee Undergraduate

Remarks and Certification by the External Supervisor

.....
Date

.....
External Supervisor's Signature

WEEK NO: 09			
Training Location: Jaffna			
From	25/09/2023	To	29/09/2023

Activities Undertaken During the Week

Day	Date	Hours	Brief description of the work carried out
Monday	25/09/2023	08	Admin portal Test case writing.
Tuesday	26/09/2023	00	-----Medical leave-----
Wednesday	27/09/2023	08	Admin portal test case writing and user management duplication remove
Thursday	28/09/2023	00	-----Poya leave-----
Friday	29/09/2023	00	-----Poya leave-----

WEEKLY CERTIFICATION

Details of work carried out (Problems encountered and how they were solved; dimensions and sketches to be given whenever possible)

This week I worked on test case writing for the admin portal service and duplication for the user management service.

V. Mithuja

.....
Signature of Trainee Undergraduate

Remarks and Certification by the External Supervisor

.....
Date

.....
External Supervisor's Signature

WEEK NO: 10			
Training Location: Jaffna			
From	02/10/2023	To	06/10/2023

Activities Undertaken During the Week

Day	Date	Hours	Brief description of the work carried out
Monday	02/10/2023	08	Account service Test case writing.
Tuesday	03/10/2023	08	Customer portal Test case writing.
Wednesday	04/10/2023	08	Customer portal Test case writing
Thursday	05/10/2023	08	Admin portal Test case writing
Friday	06/10/2023	08	Identity service Test case writing

WEEKLY CERTIFICATION

Details of work carried out (Problems encountered and how they were solved; dimensions and sketches to be given whenever possible)

This week I worked on test case writing for the admin portal service and customer portal service, Identity service, Account service.

V. Mithuja

.....
Signature of Trainee Undergraduate

Remarks and Certification by the External Supervisor

.....
Date

.....
External Supervisor's Signature

WEEK NO: 11			
Training Location: Jaffna			
From	09/10/2023	To	13/10/2023

Activities Undertaken During the Week

Day	Date	Hours	Brief description of the work carried out
Monday	09/10/2023	08	e2e - Comply Advantage Beneficiary Management
Tuesday	10/10/2023	08	e2e - Rate Margin Management
Wednesday	11/10/2023	08	e2e - Existing script correction
Thursday	12/10/2023	08	e2e - Existing script correction
Friday	13/10/2023	08	Test Case Writing - Customer Portal

WEEKLY CERTIFICATION

Details of work carried out (Problems encountered and how they were solved; dimensions and sketches to be given whenever possible)

This week I worked on test case writing for the customer portal service and e2e script for satellite project.

V.Mithuja

.....
Signature of Trainee Undergraduate

Remarks and Certification by the External Supervisor

.....
Date

.....
External Supervisor's Signature

WEEK NO: 12			
Training Location: Jaffna			
From	16/10/2023	To	20/10/2023

Activities Undertaken During the Week

Day	Date	Hours	Brief description of the work carried out
Monday	16/10/2023	08	Satellite Postman Collection Update
Tuesday	17/10/2023	08	Satellite Postman Collection Update
Wednesday	18/10/2023	08	Test Case Writing
Thursday	19/10/2023	08	Test Case Writing
Friday	20/10/2023	00	-----Casual leave-----

WEEKLY CERTIFICATION

Details of work carried out (Problems encountered and how they were solved; dimensions and sketches to be given whenever possible)

This week I worked on test case writing for the satellite services and update the postman collection for the satellite project.

V. Mitruja

.....
Signature of Trainee Undergraduate

Remarks and Certification by the External Supervisor

.....
Date

.....
External Supervisor's Signature

WEEK NO: 13			
Training Location: Jaffna			
From	23/10/2023	To	27/10/2023

Activities Undertaken During the Week

Day	Date	Hours	Brief description of the work carried out
Monday	23/10/2023	08	Test Cases Writing - Reporting Service
Tuesday	24/10/2023	08	Test Cases Writing - Reporting Service
Wednesday	25/10/2023	08	Test Cases Writing - Reporting Service Customer login details filter API writing
Thursday	26/10/2023	08	Customer login details filter API writing
Friday	27/10/2023	08	Customer login details filter API writing Customer login details filter - Test case writings Customer login details filter - Sonar issue fixing

WEEKLY CERTIFICATION

Details of work carried out (Problems encountered and how they were solved; dimensions and sketches to be given whenever possible)

This week I worked on test case writing for the satellite services and update the postman collection for the satellite project.

V.Mithuja

.....
Signature of Trainee Undergraduate

Remarks and Certification by the External Supervisor

.....
Date

.....
External Supervisor's Signature

WEEK NO: 14			
Training Location: Jaffna			
From	30/10/2023	To	03/11/2023

Activities Undertaken During the Week

Day	Date	Hours	Brief description of the work carried out
Monday	30/10/2023	08	Test Cases Writing – Customer Portal Service
Tuesday	31/10/2023	08	Test Cases Writing – Customer Portal Service
Wednesday	01/11/2023	08	Admin compliance get all - add CB account number
Thursday	02/11/2023	08	Admin compliance get all - add CB account number Test case writing and Comply advantage warning Excel report
Friday	03/11/2023	08	Bankoyo Test case writing

WEEKLY CERTIFICATION

Details of work carried out (Problems encountered and how they were solved; dimensions and sketches to be given whenever possible)

This week I worked on test case writing for the customer portal service and Bankoyo control panel service and worked on the Admin compliance get all - add CB account number Test case writing and Comply advantage warning Excel report.

V. Mithuja

.....
Signature of Trainee Undergraduate

Remarks and Certification by the External Supervisor

.....
Date

.....
External Supervisor's Signature

WEEK NO: 15			
Training Location: Jaffna			
From	06/11/2023	To	10/11/2023

Activities Undertaken During the Week

Day	Date	Hours	Brief description of the work carried out
Monday	06/11/2023	08	e2e script for the Role management and transfers screen
Tuesday	07/11/2023	08	Test Cases Writing – Epos project
Wednesday	08/11/2023	08	Test Cases Writing – Epos project
Thursday	09/11/2023	08	Test Cases Writing – Epos project SalonX Working on Failed Services UT
Friday	10/11/2023	08	SalonX Working on Failed Services UT

WEEKLY CERTIFICATION

Details of work carried out (Problems encountered and how they were solved; dimensions and sketches to be given whenever possible)

This week I worked on test case writing for the Epos and SalonX projects and worked on e2e script for the Role management and transfers screen.

V.Mithuja

.....
Signature of Trainee Undergraduate

Remarks and Certification by the External Supervisor

.....
Date

.....
External Supervisor's Signature

Details And Notes of Problems Encountered and How You Solved It, Dimensions and Sketches to Be Given Wherever Possible

Problem! Some tasks took more man-days to complete they took more time to complete the initial period.

Solution: So, I put extra effort in weekend and night to complete the task.

Problem: They said to refer some YouTube tutorials for gain knowledge that time some topics

unable to understand even though I referred tutorials.

Solution: I asked Seniors and clear my doubts.

Problem: More tasks are new to me so those are difficult to do those tasks

Solution: I practices more and search from internet and more time prefer to seniors

V.Mithuja

.....

Signature of the Student

25/01/2023

.....

Date

**PROGRESS REPORT OF THE COMPANY ON TRAINING
PERFORMANCE**

Name of the Company : Codelantic (Pvt) Ltd

Period of Training - From: 31/07/2023 To: 01/02/2024

Name and Designation of Officer In-charge: Premkumar Rajathurai

Comments of Training Supervising Officer on Trainee's

1. Conduct

2. Attitude to work

3. Attendance

Student Attendance:

This section is to record student's absences and tardiness.

Absence		Late Arrivals / Early Departure		Signature of Officer In-charge
Date	Reason	Date	Reason	
24/08/2023	Medical leave			
26/09/2023	Medical leave			
20/10/2023	Casual leave			

Remarks:

.....

.....

Signature of the officer in-charge of
training.
(with rubber stamp)

Date

FOR OFFICE USE ONLY

INSPECTION REPORT

Name and Designation of Officer:

Remarks:

.....

Signature

.....

Date

REMARKS AND REPORTING BY THE INTERNAL SUPERVISOR:

.....

Signature

.....

Date