



**BAYERO UNIVERSITY, KANO**  
Office of the Vice-Chancellor  
**DIRECTORATE OF ACADEMIC PLANNING**  
**SIWES UNIT**

Student's Reg. No. C8T/20/IFT/00452

A faded background image showing several large, traditional-style buildings with multiple windows and arched doorways, likely part of the university campus. The image is in grayscale.

A faded background image showing several large, traditional-style buildings with multiple windows and arched doorways, likely part of the university campus. The image is in grayscale.

**STUDENT INDUSTRIAL WORK EXPERIENCE SCHEME**

**(S I W E S )**  
**TRAINNING LOG BOOK**

## **GENERAL INSTRUCTIONS**

1. The Log Book is to be used by the student to keep a daily record of the training activities while on attachment.
2. Each day the time of arrival at and departure from work must be recorded.
3. The daily work carried out is to be recorded clearly with sketches and diagrams where applicable.
4. The student should clearly show in the log book: The department and section where the training is carried out.
5. The students are required to present the log books at the end of each week to the Industry based supervisor for assessment of content and progress.
6. The institution based supervisor will check the log book at regular intervals to ensure that the proper training is being received, and record his comments on the paper provided for this purpose towards the end of the book.
7. The ITF may use the last page for its official purpose

## STUDENT'S PARTICULARS



2. Name of student: Abdulsalam Abdulrahman Miffau
3. I.D. Or Student's Reg.No.: CST/20/IFT/00482
4. Institution: **BAYERO UNIVERSITY,KANO**
5. Course of Study: B.Sc. Information Technology
6. Year of study: \_\_\_\_\_
7. Department: Information Technology
8. Faculty: Faculty of Computing.
9. Mobile Phone: +2349091922467 / 07068914540
10. Name and Address of Company/Establishment Attached: Steam Edge Limited
11. Name of Industry-Based SIWES. Co-ordinator: \_\_\_\_\_  
Mr. Victor Agawa  
Hubs Management

# WEEKLY PROGRESS CHART

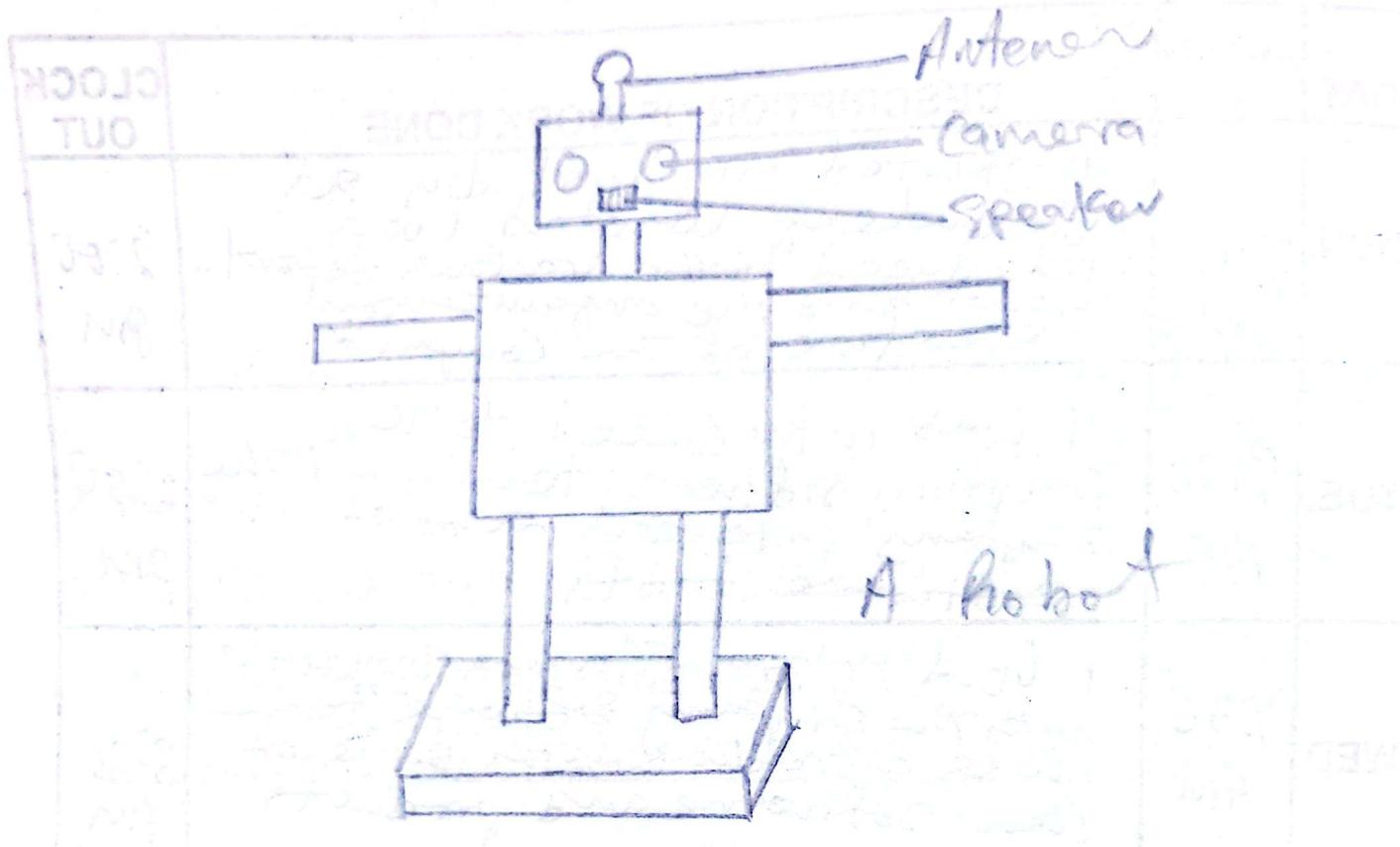
02/12/2024

Week Ending 06/12/2024

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.	9:00 AM	I started my first day at Knowledge Limited, I was introduced to the various department and the organization structure of the company.	2:00 PM
TUE.	9:30 AM	I was introduced to the Company Software team and the Company internal robotics software tools.	2:30 PM
WED.	9:30 AM	I had a brain storming session with the Company Software team. I was introduced with some of their software and products.	3:30 PM
THUR.	9:40 AM	I was introduced to Arduino & robotic component and how it works.	4:00 PM
FRI.			
SAT.			

# FOR SKETCHES, DIAGRAMS AND GRAPHS

Week No: 1



Student's Signature:

Date: 03/02/2024

Comments by Industry-based Supervisor

Very Good

Mr. Venkatesh Arunava

Name and Signature

Date:

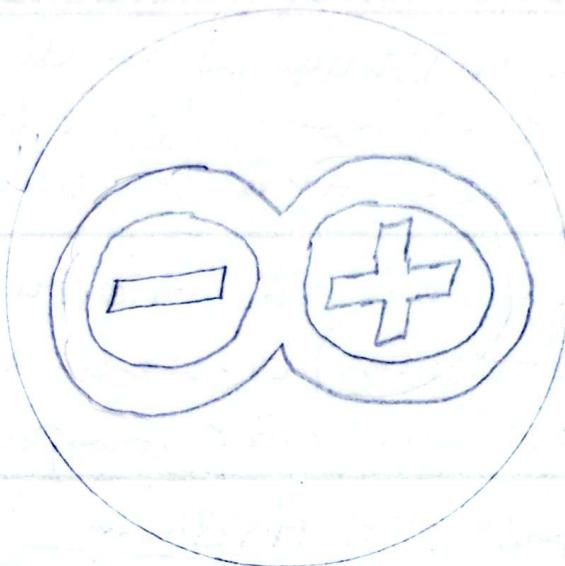
# WEEKLY PROGRESS CHART

09/12/2024  
Week Ending 13/12/2024

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.	9:10 AM	I was introduced to different resources where I can learn robotics and Arduino	3:00 PM
TUE.	9:00 AM	I explored the robu website ( <a href="https://robu.in">https://robu.in</a> ) where I explore different robotic components	2:30 PM
WED.	9:20 AM	I install the <u>Arduino IDE</u> software and test some example projects on it	3:00 PM
THUR.			
FRI.			
SAT.			

**FOR SKETCHES, DIAGRAMS AND GRAPHS**

**Week No:** 2



The Arduino IDE logo

**Student's Signature:** 

**Date:** 11/12/2024

**Comments by Industry-based Supervisor** \_\_\_\_\_

Hardworking

**Name and Signature** Mrs - Reetu Anand **Date:** 11/12/2024

# WEEKLY PROGRESS CHART

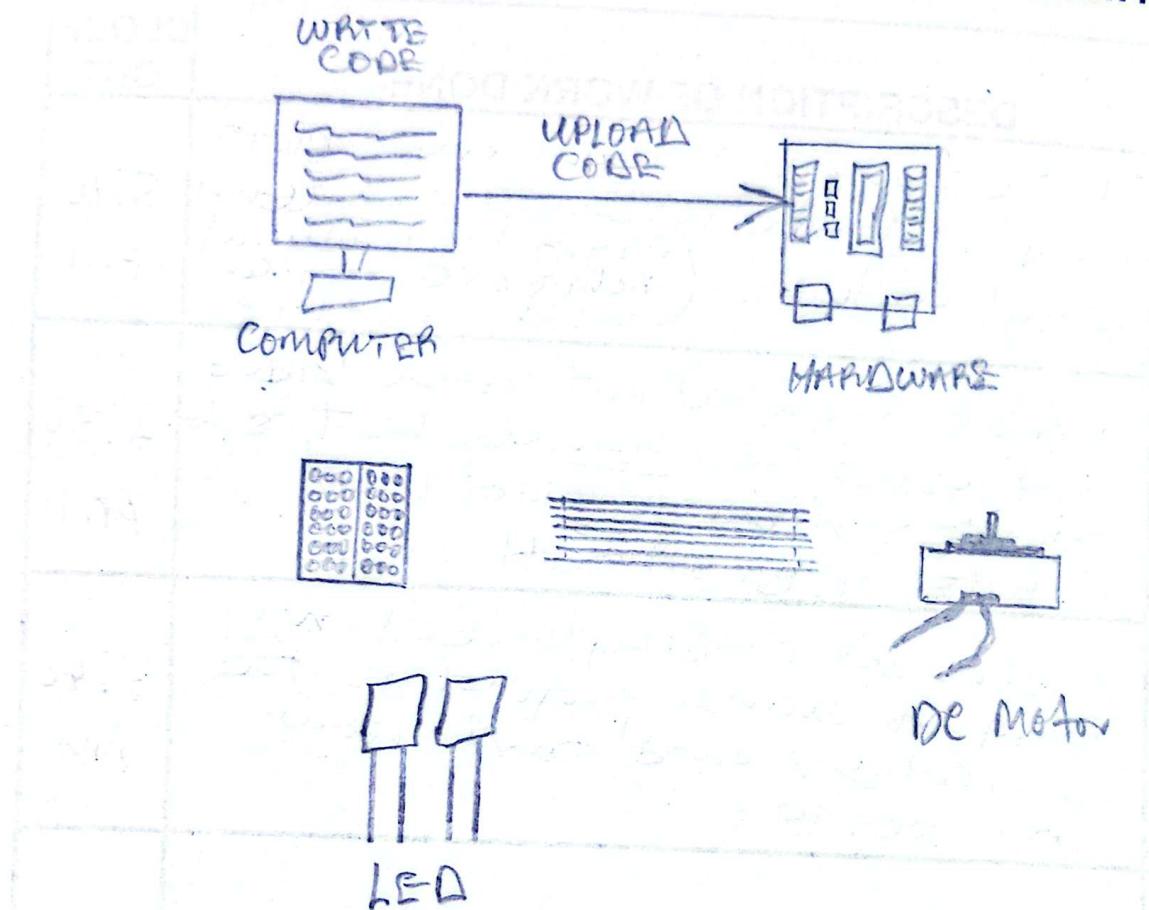
06/12/2024

Week Ending 20/12/2024

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.	9:10 AM	I research about some blogs and website where I can learn about arduino (Programming arduino roboticscourses.com roboticsmeta.com)	3:10 PM
TUE.	9:00 AM	I research about some video and youtube channels that leads robotics Arduino project hub, Robotshop, Great Scott etc.	2:30 PM
WED.	9:30 AM	I connect and uploaded my first Arduino project to the controller and test how it works	3:40 PM
THUR.			
FRI.			
SAT.			

# FOR SKETCHES, DIAGRAMS AND GRAPHS

Week No: 3



Student's Signature:

Date: 18/12/2024

Comments by Industry-based Supervisor

Wishy to learn new things

Name and Signature Mr. Victor Anand

Date: 18/12/2024

## WEEKLY PROGRESS CHART

23/12/2024

## **Week Ending**

27/12/2024

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.		- - now you	
TUE.		- and now	
WED.		- - now	
THUR.		- - now	
FRI.		- - now	
SAT.			

**FOR SKETCHES, DIAGRAMS AND GRAPHS**

**Week No:**

**4**

**Student's Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Comments by Industry-based Supervisor** \_\_\_\_\_

---

---

---

**Name and Signature** \_\_\_\_\_

**Date:** \_\_\_\_\_

## WEEKLY PROGRESS CHART

Week Ending

30/12/2024

03/01/2025

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.			
TUE.			
WED.			
THUR.		Working on Holmes	
FRI.			
SAT.			

FOR SKETCHES, DIAGRAMS AND GRAPHS

Week No: 5

**Student's Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Date: \_\_\_\_\_

**Comments by Industry-based Supervisor** \_\_\_\_\_

~~Supervisor~~ \_\_\_\_\_  
~~Fay~~ ~~Hemmer~~

**Name and Signature** \_\_\_\_\_ **Date:** \_\_\_\_\_

# WEEKLY PROGRESS CHART

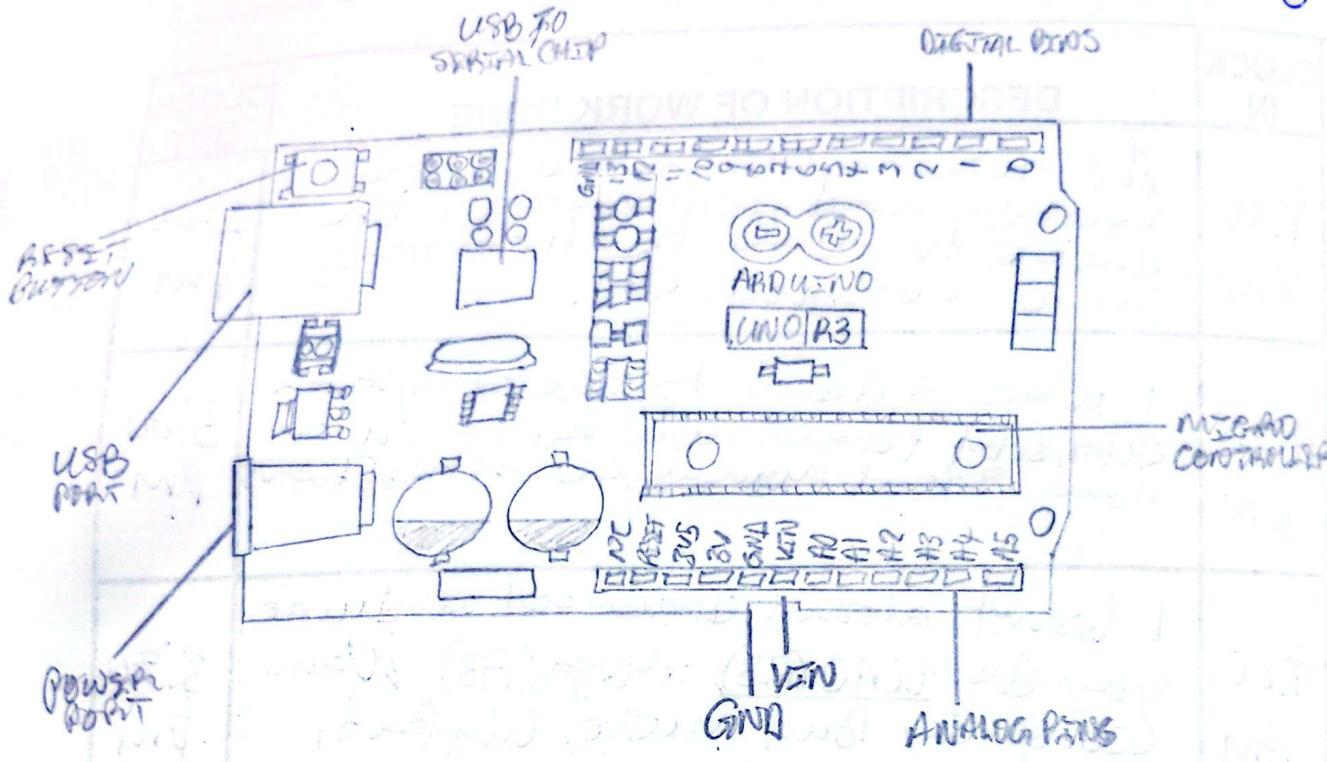
06/01/2023  
10/01/2023

**Week Ending**

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.	9:00 AM	I P resumed from the long break and we were introduced to new technology and resources.	2:30 PM
TUE.	9:20 AM	I was added to the Company Backend team working on a new School Management Software	3:00 PM
WED.	9:10 AM	I learnt about different arduino boards <u>UNO</u> (R3), mega(R3) Nano (Leonardo), Due, Mero, LilyPad, and pro mini.	3:30 PM
THUR.	9:00 AM	I learnt about the Arduino IDE basic function setup() and loop() and .ino extension	3:30 PM
FRI.			
SAT.			

FOR SKETCHES, DIAGRAMS AND GRAPHS

Week No: 6



Student's Signature: \_\_\_\_\_ Date: 09/01/2023

Comments by Industry-based Supervisor \_\_\_\_\_

part learner

Mr. Victor Anand  
Name and Signature \_\_\_\_\_ Date: 09/01/2023

# WEEKLY PROGRESS CHART

13/01/2025

Week Ending

17/01/2025

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.	9.30 AM	I learnt about different things we can do with arduino and other components	2:00 PM
TUE.	9.30 AM	We were invited to North Boys British school to guide the student on STEM education	1:30 PM
WED.	9.40 AM	I learnt about the arduino functions, digital and analog I/O functions.	2:00 PM
THUR.			
FRI.			
SAT.			

## FOR SKETCHES, DIAGRAMS AND GRAPHS

Week No: 7

```
int led = 10; ← an integer variable  
void setup() { ← Setup runs once  
    pinMode(led, OUTPUT); ← Initialize digital  
} ← Pin as an output  
void loop() { ← Loop runs over and over again  
    digitalWrite(led, HIGH); ← Turn LED on  
    delay(1000); ← Wait for a second  
    digitalWrite(led, LOW); ← Turn LED off  
} ← Wait for a second
```

Arduino  
Setup  
Code

Student's Signature: 

Date: 19/07/2023

Comments by Industry-based Supervisor

Very Good

Mr. Neerav Anand  
Name and Signature

Mr. 09/07/2023

Date:

# WEEKLY PROGRESS CHART

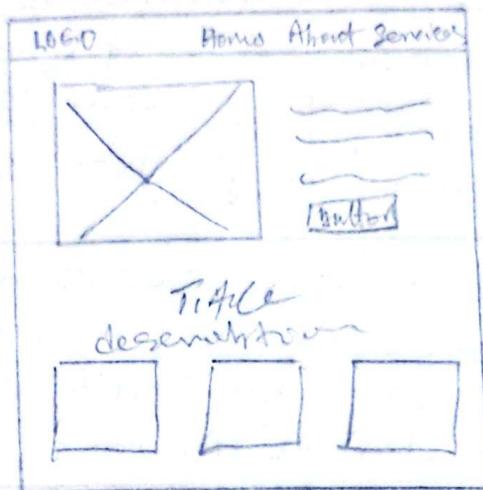
20/01/2025

Week Ending 24/01/2025

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.	9:10 AM	I was introduced to <u>HulsenCode</u> platform where we can build 3D component or prototypes online	3:20 PM
TUE.	9:00	I had an online session with our software team, I officially introduce myself, skills and tech stacks to them.	3:10 PM
WED.	9:30 AM	I was able to build and program a simple Arduino blink program (Digital pins)	2:30 PM
THUR.	10:30 AM	Our software team share an explanatory video for us to go through on our current SMC project.	2:40 PM
FRI.			
SAT.			

## FOR SKETCHES, DIAGRAMS AND GRAPHS

Week No: 8



Sketch of  
the website  
proto type

Student's Signature: \_\_\_\_\_

Date: 23/01/2023

Comments by Industry-based Supervisor \_\_\_\_\_

Name and Signature \_\_\_\_\_

V.D. 23/01/2023

Date:

# WEEKLY PROGRESS CHART

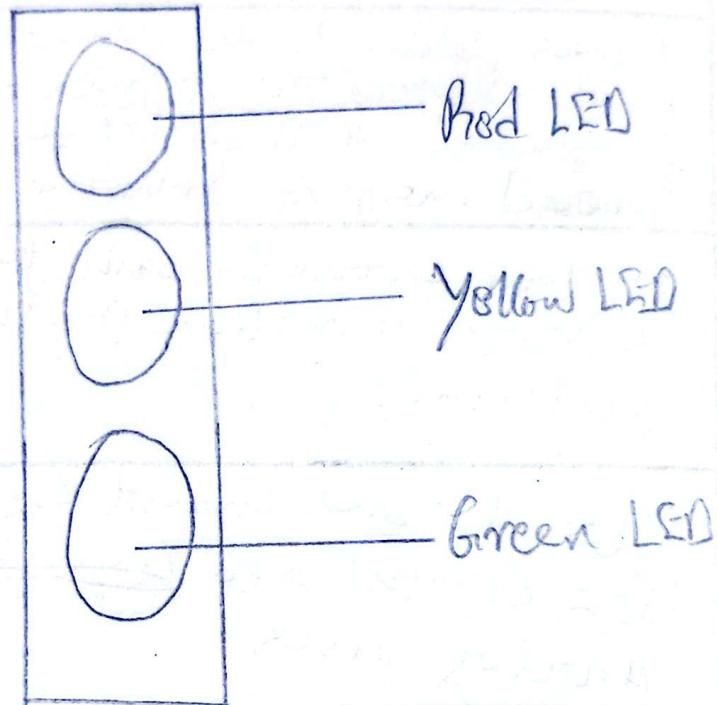
27/01/2025

Week Ending 31/01/2025

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.	9:20 AM	I was added to the project group and given the minor role to go through and draft out a road map to follow	2:30 PM
TUE.	9:30 AM	I play around with the timber and online prototyping platform	3:10 PM
WED.	10:00 AM	I learnt more about <u>analog</u> <del>use</del> , digital and <del>logics</del> analog pins	3:00 PM
THUR.			
FRI.			
SAT.			

**FOR SKETCHES, DIAGRAMS AND GRAPHS**

**Week No:** 9



Traffic  
Light

**Student's Signature:** 

**Date:** 29/01/2023

**Comments by Industry-based Supervisor** \_\_\_\_\_

Professional

**Name and Signature** Mr. Ravinder Anand

Nd. 20172023  
**Date:**

# WEEKLY PROGRESS CHART

Week Ending 07/02/2025

03/02/2025

07/02/2025

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.	9:20 AM	I and another developer planned the backend API development process	3:30 PM
TUE.	10:00 AM	We had a meeting with our PM and Software team on suggestion for hosting the backend API	3:40 PM
WED.	9:30 AM	I started working on how to develop a traffic system using Arduino	2:30 PM
THUR.	9:01 AM	We had a meeting about our current project and difficulties on moving forward. We shared our suggestions.	
FRI.			
SAT.			

## FOR SKETCHES, DIAGRAMS AND GRAPHS

Week No: 10

API : Application Programming Interface

PM : Project Manager

SMES : School Management Enterprise Software

Student's Signature: 

Date: 06/02/2023

Comments by Industry-based Supervisor Very Good

Mr. Ravi Anand

Name and Signature 

Date: 06/02/2023

# WEEKLY PROGRESS CHART

Week Ending

10/02/2023

14/02/2023

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.	9:00	I started working on the SMS project using <u>laravel(PHP)</u> framework and <u>MySQL Database</u>	
TUE.	9:10 AM	I started working on the migration database Schema of the SMS project	3:20 PM
WED.	9:30 AM	We had a meeting with our team on the SMS projects where my wo reviewed what some of the developers made.	2:30 PM
THUR.	10:00 AM	I setup the documentation for the API I was working on and shared it with our PM	3:30 PM
FRI.	12:10 PM	I shared my update on the on going SMS backend tasks I was given to do with our project manager	4:48 PM
SAT.			

# FOR SKETCHES, DIAGRAMS AND GRAPHS

Week No: 11

HTP : Hypertext Preprocessor (8 June 1995)  
Open source server side scripting language

Laravel : Is a PHP framework created  
by Taylor Otwell release June 2011

MySQL : Is a Relational Database Management  
System (RDBMS) release 23 May 1995

REST API : Representational State Transfer  
Application Programming Interface  
Is an architectural style for  
designing Web Services that allows  
applications to interact and exchange  
data. (GET, POST, PUT, DELETE).



Student's Signature: 

Date: 14/02/2023

Comments by Industry-based Supervisor \_\_\_\_\_

Very Good

Mr. Rakesh Arora

Name and Signature \_\_\_\_\_

R.D. 14/02/2023

Date:

# WEEKLY PROGRESS CHART

Week Ending

17 / 02 / 2023  
31 / 02 / 2023

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.	9:20 AM	I developed my first fire system using arduino and 3 different LED	3:20 PM
TUE.	9:40 AM	I update my PM about my current tasks on the SMS backend tasks given to me	3:10 PM
WED.	9:30 AM	I research on other robotic component ultrasonic sensor, bread board, jumper wires, motor, CMOS battery and more	3:00 PM
THUR.			
FRI.			
SAT.			

## FOR SKETCHES, DIAGRAMS AND GRAPHS

Week No: 12

HTTP METHODS

GET

POST

PUT/PATCH

DELETE

Student's Signature: 

Date: 19/02/2023

Comments by Industry-based Supervisor \_\_\_\_\_

Very Good

Name and Signature \_\_\_\_\_

Mr. Virendra Anand 19/02/2023  
Date:

# WEEKLY PROGRESS CHART

Week Ending

24/02/2023

28/02/2023

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.	9:10 AM	I was introduced to some of the company staff, that we can learn robotics together	3:20 PM
TUE.	9:30 AM	I started working on the SMS project routes and model in C++ and connected it to my GitHub repository	3:40 PM
WED.	9:20 AM	I did my first presentation on Arduino to the company staff	3:20 PM
THUR.			
FRI.			
SAT.			

# FOR SKETCHES, DIAGRAMS AND GRAPHS

Week No: 13

GitHub:

[https://github.com/  
absulselam/amtech/  
SMS-Backend](https://github.com/absulselam/amtech/SMS-Backend)

Student's Signature: 

Date: 26/02/2025

Comments by Industry-based Supervisor Well Done

Mr. Rector Ansar  
Name and Signature                   

Nof. 26/02/2025  
Date:

# WEEKLY PROGRESS CHART

Week Ending

03 / 03 / 2023

07 / 03 / 2023

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.	9:50 AM	I had a meeting with the software team to give feed back on our current CMS School Mgt system	2:12 PM
TUE.	9:30 AM	I worked on the SMS project class and subject model, controller, and route	3:20 PM
WED.	9:20 AM	I introduced the traffic system to the company staff and we all learnt how to build it	3:10 PM
THUR.			
FRI.			
SAT.			

## FOR SKETCHES, DIAGRAMS AND GRAPHS

Week No: 14

### Subjects

Id	integer
Title	String
Description	Text
Offered-by	FK
Created-by	FK
Created-at	datetime
Updated-at	datetime
Deleted-at	datetime

Student's Signature: 

Date: 05/03/2025

Comments by Industry-based Supervisor

Very good

Name and Signature Mr. Vedanta Ansari

Vedanta Ansari, Date: 05/03/2025

# WEEKLY PROGRESS CHART

10/03/2023

Week Ending 14/03/2023

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.	9:10 AM	I added the <u>timetabling</u> system, routes, model and controller to the SME project	2:30 pm
TUE.	9:00 AM	I test the entire SME project API I worked on and modified some resources.	2:30 pm
WED.	9:30 AM	I went to the 8th Academy meet up, where I participated in promoting digital education	4:30 pm
THUR.			
FRI.			
SAT.			

# FOR SKETCHES, DIAGRAMS AND GRAPHS

Week No: 15

Post Man:

## Time tables

Id	PK (integer)
School_Calendar_Id	FK
Class_Category_Id	FK
Subject_Id	FK
Teacher_Id	FK
period_start	Time
period_end	Time
Created_by	SK
Created_at	datetime
Updated_at	datetime
Deleted_at	datetime

Student's Signature: R.D.

Date: 12/03/2023

Comments by Industry-based Supervisor \_\_\_\_\_

Well Done

Name and Signature Mrs. Neetu Arun

V.D. 12/03/2023  
Date:

# WEEKLY PROGRESS CHART

Week Ending

17 / 03 / 2025  
21 / 03 / 2025

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.	9:20 AM	I worked on SMS project assessment, resources includes the migration model and more	3:00 PM
TUE.	9:29 AM	I also created the endpoint for the assignment, routes controller and host id.	3:30 PM
WED.	9:30 AM	I worked on the Rsync migration table, model controller and route.	4:30 PM
THUR.			
FRI.			
SAT.			

**FOR SKETCHES, DIAGRAMS AND GRAPHS**

**Week No: 16**

Column	Datatype
Id	integer
School	FK
Category.Id	FK
asset_id	FK
Title	string
descriptor	string
pub_date	datetime
Created_by	FK
Created_at	datetime
debated_at	datetime

**Student's Signature:** R.D.

**Date:** 19/03/2025

**Comments by Industry-based Supervisor** \_\_\_\_\_

Good job

**Name and Signature** Mr. Irfan Anwar

N.H. 19/03/2025  
**Date:** 19/03/2025

# WEEKLY PROGRESS CHART

24/03/2025

Week Ending 28/03/2025

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.	9:40 AM	I started a SaaS Marketing and Finance workshop	1:00 PM
TUE.	9:30 AM	I learnt about Software as a Service, the importance business and companies into SaaS product	1:30 PM
WED.	10:00 AM	I understood the difference between the industry (customers) and the company (you & customer)	1:20 PM
THUR.	9:40 AM	I learnt about positioning, Values Consistency, Revenue and the Sales team structures	2:30 PM
FRI.			
SAT.			

## FOR SKETCHES, DIAGRAMS AND GRAPHS

Week No: 17

SaaS: Software As A Service

Student's Signature: R.

Date: 27/03/2023

Comments by Industry-based Supervisor

Very Good

Name and Signature Mr. Victor Anwos

V.A. 27/03/2023

Date:

# WEEKLY PROGRESS CHART

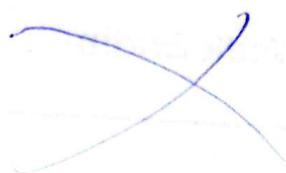
Week Ending

31/03/2025  
04/04/2025

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.			
TUE.		Welding	
WED.		Welding	
THUR.		Soldering	
FRI.			
SAT.			

**FOR SKETCHES, DIAGRAMS AND GRAPHS**

**Week No:** 18



**Student's Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Comments by Industry-based Supervisor** \_\_\_\_\_

---

---

---

**Name and Signature** \_\_\_\_\_

**Date:** \_\_\_\_\_

# WEEKLY PROGRESS CHART

Week Ending

07/04/2023

11/04/2023

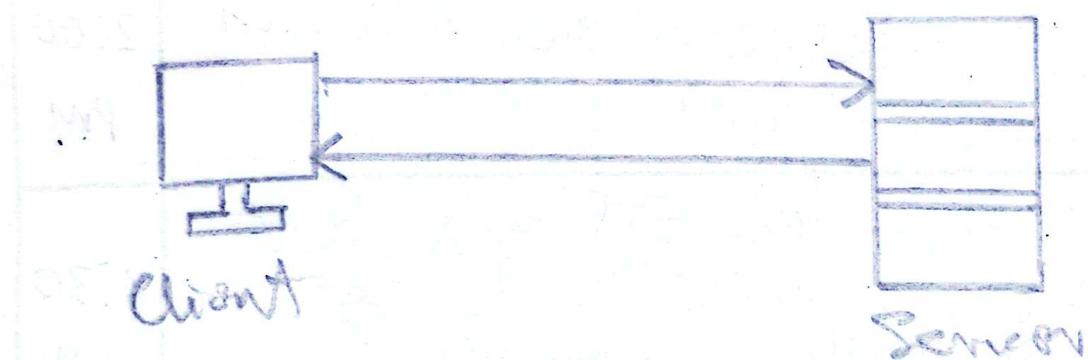
DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.	9:30 AM	I was giving access to the organization hosting service to deploy and test the app	2:00 PM
TUE.	9:20 AM	I gain access to the Cpanel and created a sub domain from the DNS	2:00 PM
WED.	9:40 AM	I access the FTP and host a static website to see if everything works fine	3:30 PM
THUR.			
FRI.			
SAT.			

**FOR SKETCHES, DIAGRAMS AND GRAPHS**

**Week No:** 19

**DNS: Domain Name System**

**FTP : File Transfer Protocol**



**Student's Signature:** \_\_\_\_\_

**Date:** 09/04/2025

**Comments by Industry-based Supervisor** \_\_\_\_\_

He has been a great  
asset for my musehi

**Name and Signature** \_\_\_\_\_

Mr. Vedur Anand

V.D. 09/04/2025  
**Date:** \_\_\_\_\_

# WEEKLY PROGRESS CHART

Week Ending

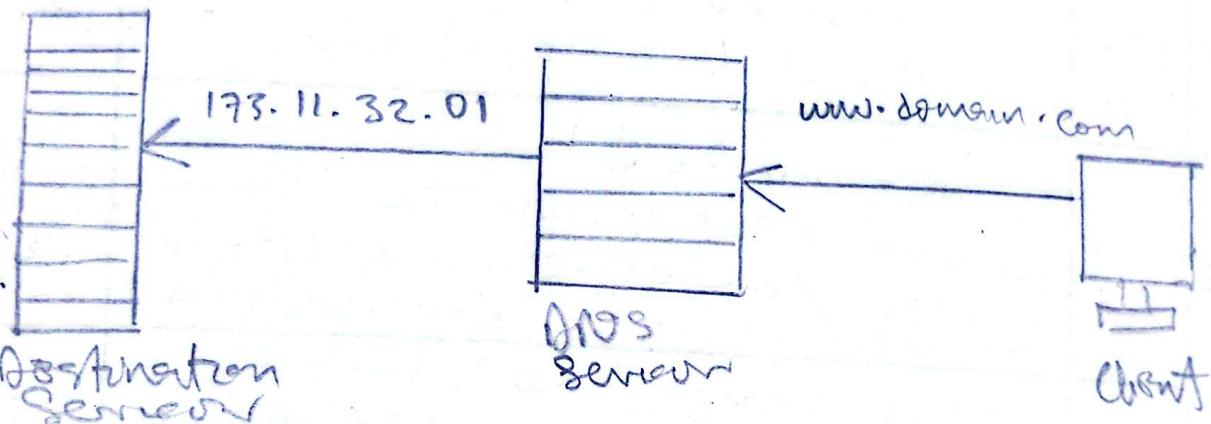
14/04/2023

18/04/2023

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.	9:20 AM	we had a Green Stonewall session on how we would go about how to start your project.	3:00 PM
TUE.	9:30 AM	I was invited to teach some women in tech, how the internet works, which includes IP, DNS, Server, website, Domain name.	1:00 PM
WED.	9:10	we go through how to install VS code, create a folder, a file, HTML, tags, Element, attribute and opening it on browser	2:00 PM
THUR.			
FRI.			
SAT.			

# FOR SKETCHES, DIAGRAMS AND GRAPHS

Week No:



Student's Signature: Ranbir Date: 16/04/2023

Comments by Industry-based Supervisor \_\_\_\_\_

Hard working & honest  
Attention to details

Name and Signature \_\_\_\_\_ Date: \_\_\_\_\_

Naj.

Date:

# WEEKLY PROGRESS CHART

Week Ending

21/04/2023

25/04/2023

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.	9:20 AM	WS had a meeting with our Software team on update of the SMS project	2:30 PM
TUE.	9:28 AM	I continue the framework for women in tech we taught them tags, element and attributes	3:30 PM
WED.	9:18	we move forward to teaching them tables, forms, and how to add images to a website.	3:30 PM
THUR.			
FRI.			
SAT.			

# FOR SKETCHES, DIAGRAMS AND GRAPHS

Week No:

Srl	Name	Age	Grade
1	Rita	30	A
2	Mom	40	C
3	John	20	B
4	Angy	20	A

Table row (tr)

Table data (td)

HTML FORM

Input

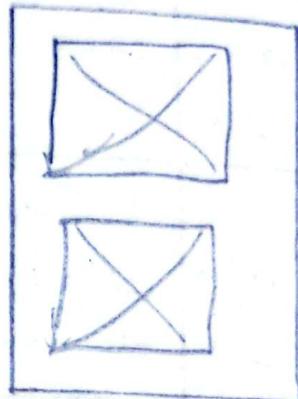
button

Register

Email

Phone

Password



Adding Images  
<img>

Student's Signature: \_\_\_\_\_

Date: 23/04/2023

Comments by Industry-based Supervisor

Name and Signature

Date:

# WEEKLY PROGRESS CHART

28/04/2023

Week Ending

02/05/2023

DAY	CLOCK IN	DESCRIPTION OF WORK DONE	CLOCK OUT
MON.	9:20 AM	I go over the remaining endpoint and work on the documentation	3:20 PM
TUE.	9:30 AM	I deployed the final API for the SMS project to a VPS server and I assigned a domain name to it.	2:30 PM
WED.	9:00 AM	I API was tested by our team lead and project manager	3:00 PM
THUR.			
FRI.			
SAT.			

## FOR SKETCHES, DIAGRAMS AND GRAPHS

### API Documentation

**Week No:**

Method	URL	Description
GET	www.domain.com	main website
GET	www.domain.com/subjects	list all subjects
POST	www.domain.com/subjects	Add new subject
GET	www.domain.com/students	list all students
GET	www.domain.com/students/7003	get one student
GET	www.domain.com/students/70/results	get student results
GET	www.domain.com/parents	list all parents

**Student's Signature:** 

**Date:** 30/04/2023

**Comments by Industry-based Supervisor**

Abdulrahman has been a great asset to our organization providing value and contribution to organizational growth.

**Name and Signature** 

**Date:** 30/04/2023

**FOR THE USE OF INSTITUTION'S SUPERVISOR ONLY**

**Name of Official** \_\_\_\_\_

**Signature of Official** \_\_\_\_\_

**Date** \_\_\_\_\_

# COMMENT BY ITF OFFICIALS:

## General Comments on Visit

Dear Mr. Manager

Dear Sir

Name of Official

Rabibul Salisu

Signature of Official



Date

9-7-2028

