



# **Final Year Project/Thesis/Internship Report**

**Course Name:** Final Year Project/Thesis/Internship

**Course Code:** SE – 431

**Internship on UI-UX at AutonomyBD**

**Submitted By:**

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### APPROVAL

This internship titled on “**Internship on UI/UX**”, submitted by **Sumiya Binta Amir (ID: 191-35-2694)** to the Department of Software Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of Bachelor of Science in Software Engineering and approval as to its style and contents.

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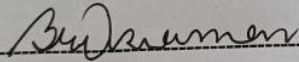
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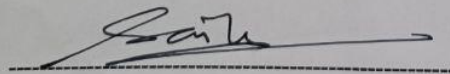
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## DECLARATION

It is hereby declared that I completed this internship under the supervision of **Khalid Been Badruzzaman Biplob**, Senior lecturer, Department of Software Engineering (SWE), Daffodil International University. It is also declared that neither this work nor any portion of it has been submitted to any other university for the award of any degree by me.

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# Acknowledgment

I am cordially thankful to the almighty Allah for successfully finishing my final year internship with his help. I also want to thank my supervisor **Mr Khalid Bin Budruzzaman Biplob** senior lecturer department of software engineering Daffodil international university who has helped me with his guidance and direction to complete this internship. He has supported me throughout the journey of my internship period

I would also thank our department head dr Imran Muhammad for my internship done. Also I am thankful to all the staff of our department for their cordial help.

Last but not the least I will thank my parents for supporting me in this journey

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# Abstract

By the grace of almighty Allah I have completed this internship which helped me to know more about the corporate world. It was really amazing working with this colleges. I have learnt a lot of new thing while working with this company. This internship gave me the practical knowledge about my work. At the beginning I was very nervous but now I am being more confident day by day. This internship was one of the most important turning point of my carrier

# Chapter 1: Introduction

## 1.1 Background

Doing an internship is very important for every student. It helps students to connect with the real world office environment. An internship can help students to apply their academic knowledge to real projects. Sometimes students can't understand bookish knowledge. Internship helps students to work on their knowledge gaps. Also we can say internship is the first step of the career of a student. It helps the student to cope up with the corporate world and to grow step by step. Students learn to communicate with people so easily while doing internship and also get used to with teamwork.

I am doing b.sc in software engineering at Daffodil International university. My degree consists of 12 semesters. After giving the final examination of my 11th semester I started doing my internship at autonomy BD on UI-UX designing. Today I am submitting a report on this 4 month journey of internship.



## 1.2 MOTIVATION

As a software engineer we learn different side of a software after understanding all the sites I loved designing part most. After doing the HCI course I got more interested in UI UX design. But I had no practical knowledge about UI UX design so I joined this internship. It helps me to know more about UI UX .

I worked on different real time projects which helped me to learn more. In order to work as a designer in this sector it was needed for me to get this experience of working in an office place as a designer. This internship helps to enhance my designing skill more.

## 1.3 Objective:

The main target of this report is to briefly describe all the learnings gained in this 4 month internship period. So that I can complete my BSC in software engineering as it is compulsory

Without these my other motives to join this internship are:

- Gather Experience
- Practical Knowledge about industry

- Team work
- Skill development
- Understand Office Environment
- Understanding design latest design system, responsive work ,and other designing tools practically

#### **1.4 Scope of the report:**

The main target of this report is to briefly describe all the learnings gained in this 4 month internship period. So that I can complete my BSC in software engineering as it is compulsory . Also this report shows my involvement in different projects of the company. All the work I have done during this internship period is shown here with date and time. This report also contains all the information about the company I am working under. It also contains my future plans and goals.

# Chapter 2 : Company Overview

## 2.1 About AutonomyBD:

AutonomyBD is a Software Company in Bangladesh that was established with the exclusive goal of assisting you in defining your brand. Provides first-rate attractive services and user-friendly programming with excellent design. The company provides first rate attractive services. It provides blockchain based software solutions. The company has specialties in iOS and Android app development for E-Commerce ,blockchain, AI, NFT ,Cyber security, fintech and so on.It has several departments and all the departments have a strong and experienced team who gives their best to provide the best service to their customers.

## 2.2 Company Location

AutonomyBD ,House #378, Road #06, Avenue #03, Mirpur DOHS, Dhaka  
1216, Bangladesh

**Phone:** +88 0244806626

**Mobile:** +880 1732429294

**Emails:**[contact@autonomybd.com](mailto:contact@autonomybd.com)

## **2.3 Company History**

AutonomyBD is a UK based company . In 2012 Mr Kabirul Islam and Mr Shoaib Al Muhammad established the company Uniocagon in UK. After that in 2013 uni octagon opened its branch in Bangladesh and named it AutonomyBD and Uniocagon changed its name to Flexfog. After that MD Shaibal Muhammad became the CEO of autonomy BD and Mr Kabirul Islam became the CEO of flexfog.

Now Flexfog and AutonomyBD is working together.

## **2.4 Departments of AutonomyBD**

The company has several departments and those are

### **HR department**

This department looks after all the staff and members of the company. It look after the necessity of all the employees there performance and provides the company policies

## **Development department**

In this department all the software developers work. This department look after at the web development app development and other development related to works

## **Design department**

In this department all the designers work together there are different type of designers in this department such as graphic designers and UI UX designers

## **Marketing departments**

This department looks after the marketing part of the company. They make social media contents and other marketing policy and strategy for the company

## **2.5 Company Services**

AutonomyBD has been providing services since 2013. The company has special expertise in iOS and Android app development for E-Commerce

,Blockchain, AI ,NFT,Cyber security ,Fintech and so on.

Services It provides are given below

### **Web development**

AutonomyBD develops websites for several companies . It has the experience team for development so that it can provide the best result to their customer. It gives the best web best solution

### **App development**

As I said before autonomy BD provides both Android and IOS application using different languages

### **Themeforest work**

Autonomy BD also works for themeforest. It makes vector , sketch ,UI design, logos ,3D designs and many more things for theme forest

### **Online advertisement**

AutonomyBD provides banners, videos and other content for online advertisement

## **2.6 Company Rules:**

Autonomy BD provides some rules to its employees and all the employees has to strictly follow all this rules

### **Daily attendance**

Daily attendance is very important in this company . Reporting time of the employees are 10 to 10:15 a.m. after 10:15 a.m. every weekly 2 days of late reporting there will be one day paid deducted

### **Cleanliness**

All the employees have to maintain cleanliness very strictly they have to clean their own stuff that disc also

### **Sandwich Leave**

Autonomy BD follows sandwich leaf system

### **Short leaves**

Employees I allowed to take only 2 days of short leaves in a month

### **Non disclosing certificate**

All the employees had to sign the non disclosing certificate for the security of company data

# Chapter 3 : Job Responsibilities

## 3.1 Appointment Letter



Figure 3.1



## **3.2 My Role**

AutonomyBD has given me a chance to work with them as a UI UX designer.

All my role in the company is given below

### **Requirement analysis**

As a ui-ux designer I have to understand the requirements of the customer.

That's why I have to analyze all the requirements I get . So that I can make a better you wax based design for the user

### **Making wireframe**

After analyzing all the requirements of the user I start making wireframes. It helps to make better you UI

### **Communicate with the frontend developer**

After making the were friends I have to discuss with the front end developers and take their opinion and if there is any correction I have to do that

## **Making UI**

After all those above work I start making your using Figma or Adobe XD

## **Making prototype**

After making the UI design I have to make prototype so that the fountain developer can understand the design easily and he gets the clear knowledge about the app

## **Making documentation**

I also have to make documentation of the project so that in future other people can find the data and understand it easily

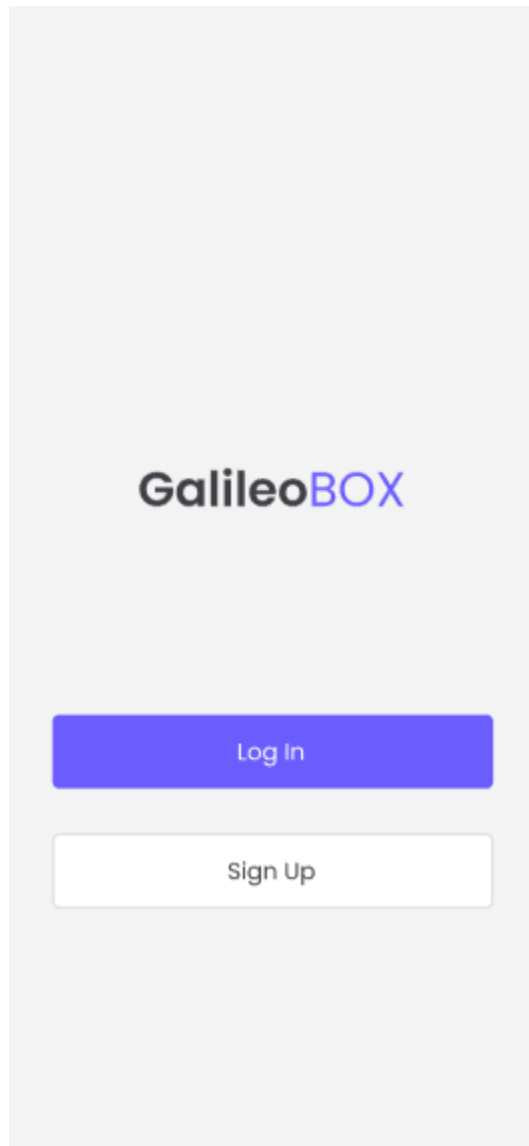
## **3.3 Demo Work**

### **3.3.1 Galileo Box**

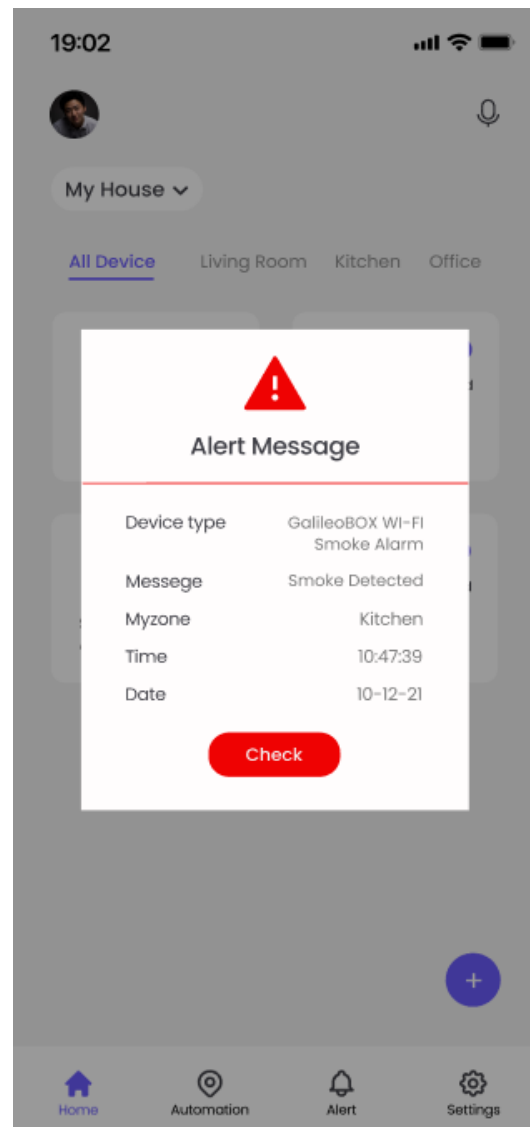
Galileo box is a home security app. With this app we can control all kinds of electric equipment in our home and also our door lock system. Using this app you can change the scenery of your room, you can control the lights of

your room, you can schedule your room temperature, room lighting and fans speed, also you can get a view of your other room using this app.

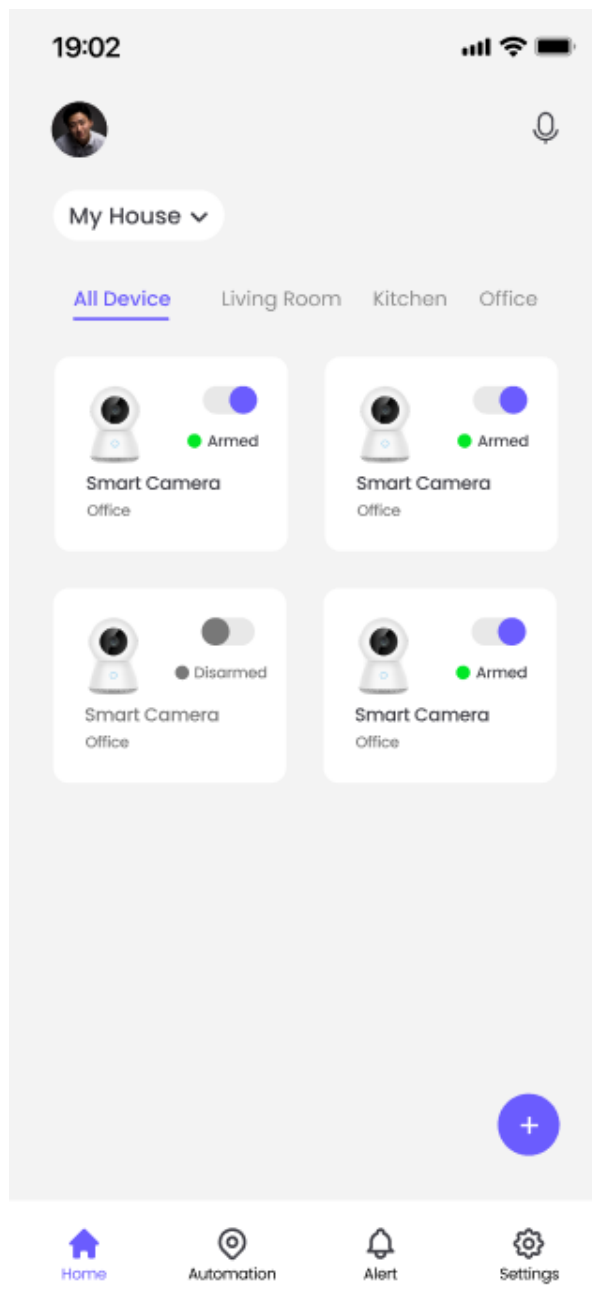
Upshot this app will make your life more easier



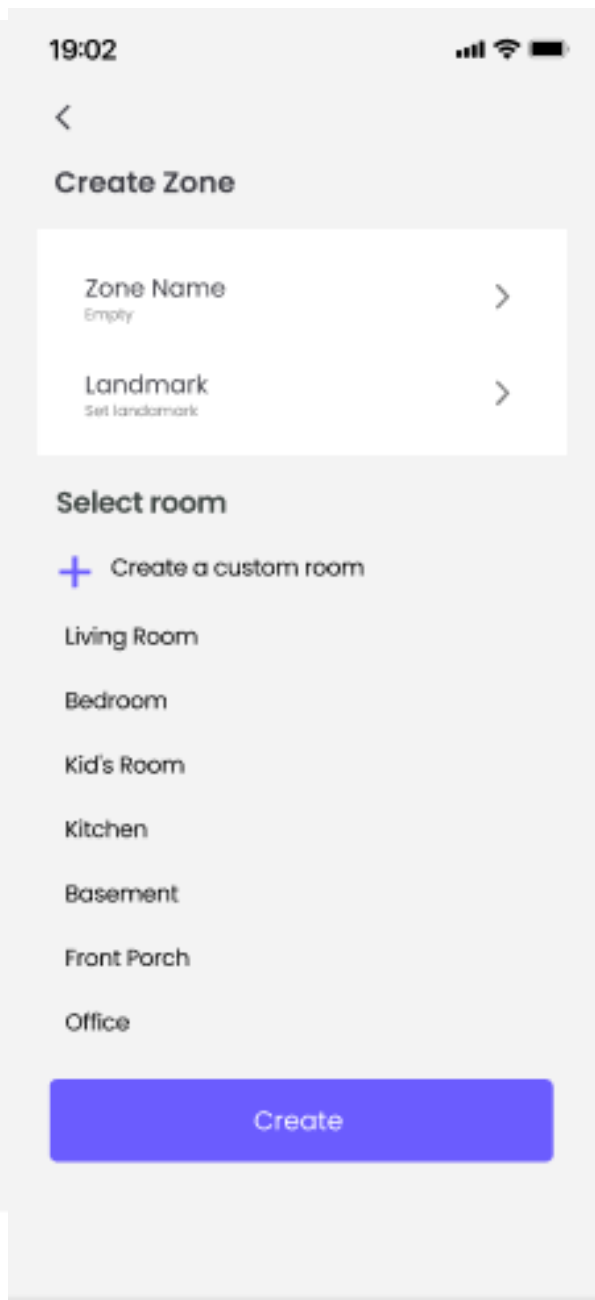
**Figure 3.2**



**Figure 3.3**



**Figure 3.4**



**Figure 3.5**

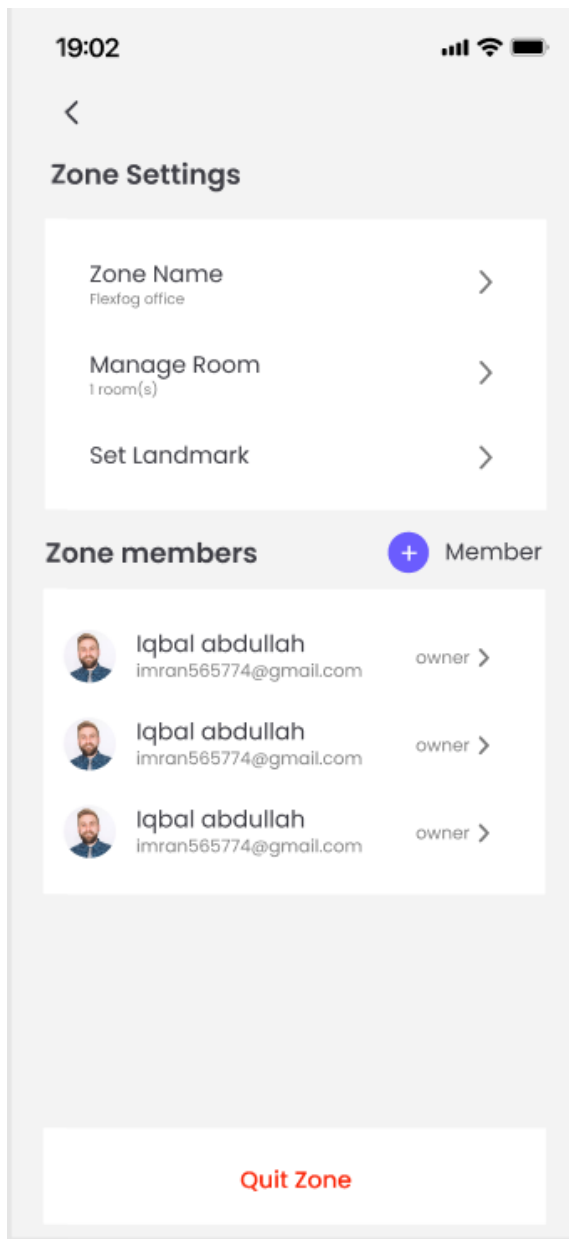


Figure 3.6

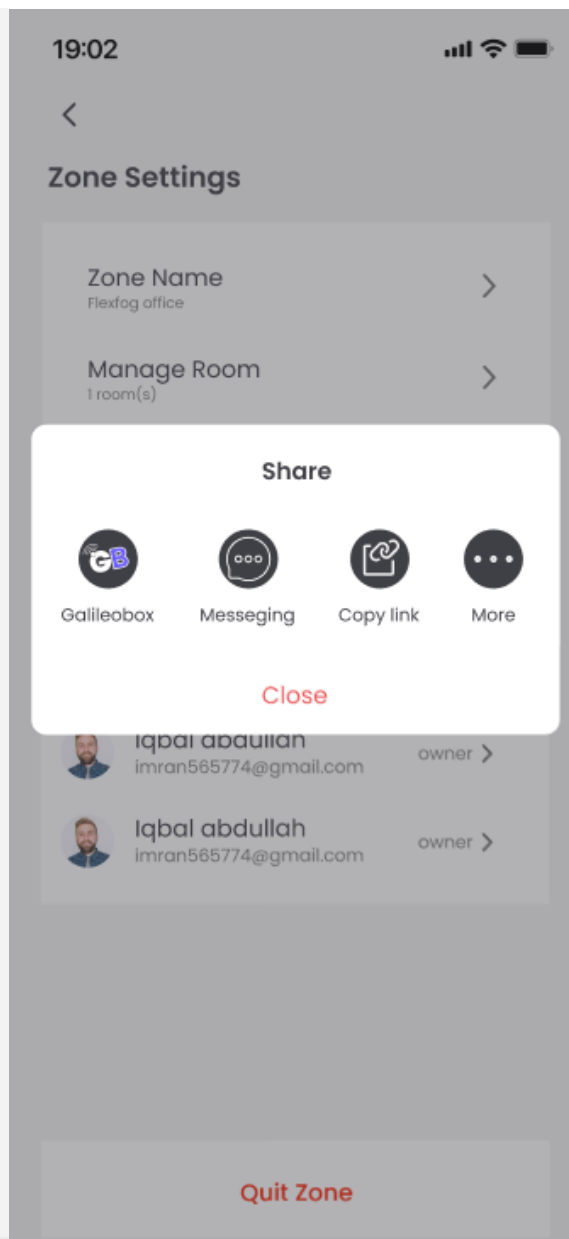
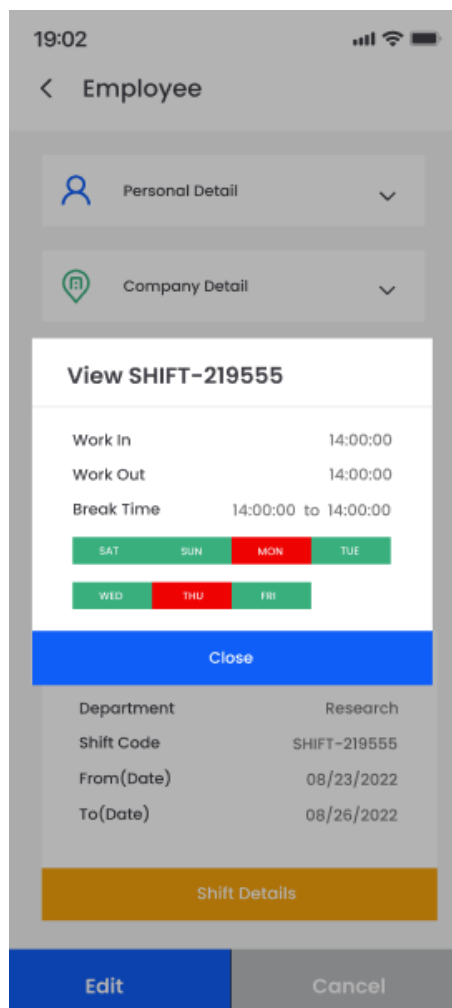


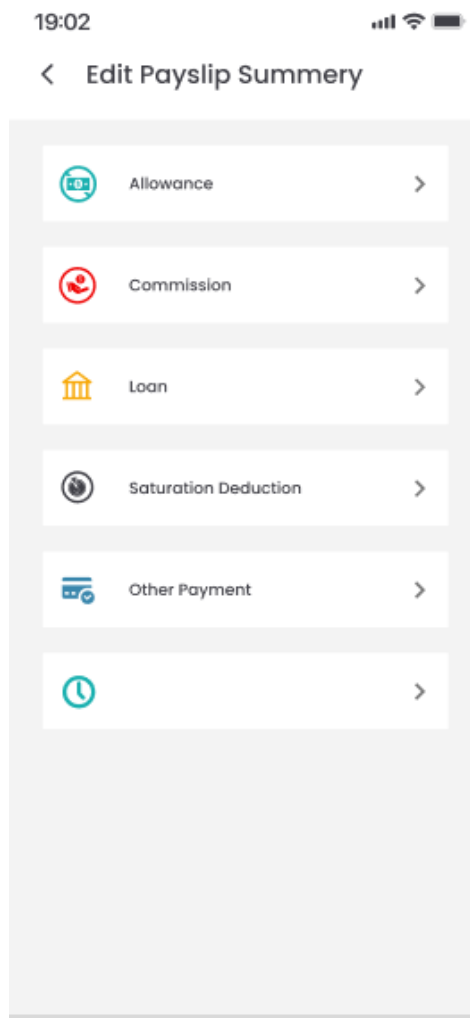
Figure 3.7

### **3.3.2 HRMS Project**

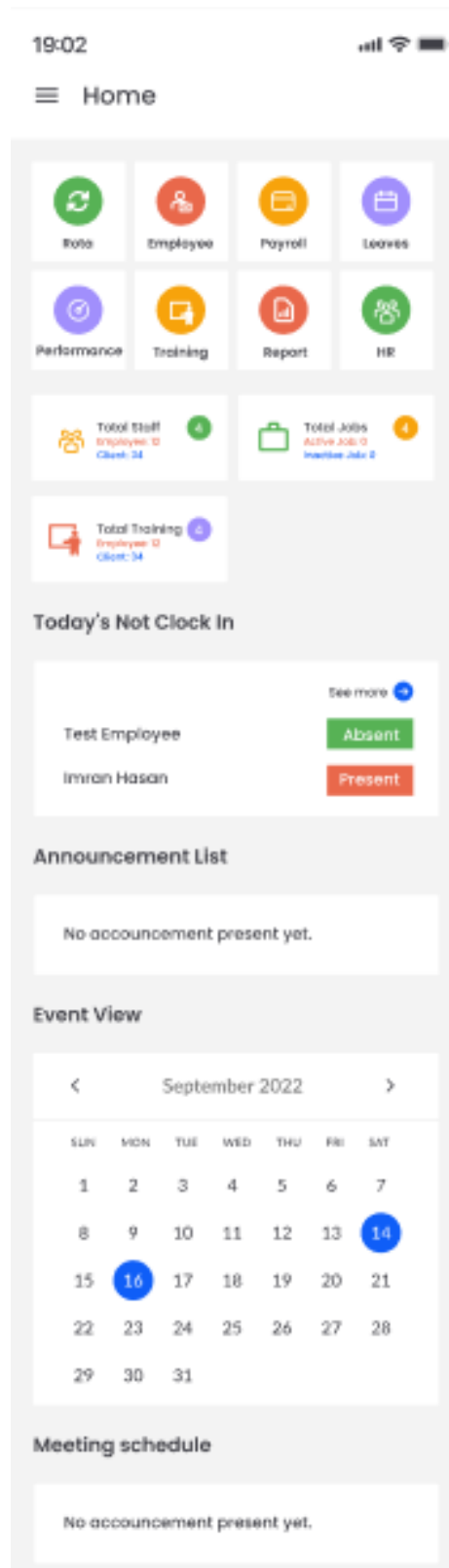
This project was all about the human resource management system. It was built for an office where there are huge staff wars so it becomes so complicated for them to keep the human resource management that's why we are making this app for that company. Using this app company can track each employee's details very easily.



**Figure 3.8**



**Figure 3.9**



**Figure 3.10**



### 3.3.3 Some Mockup of my design



Figure 3.11

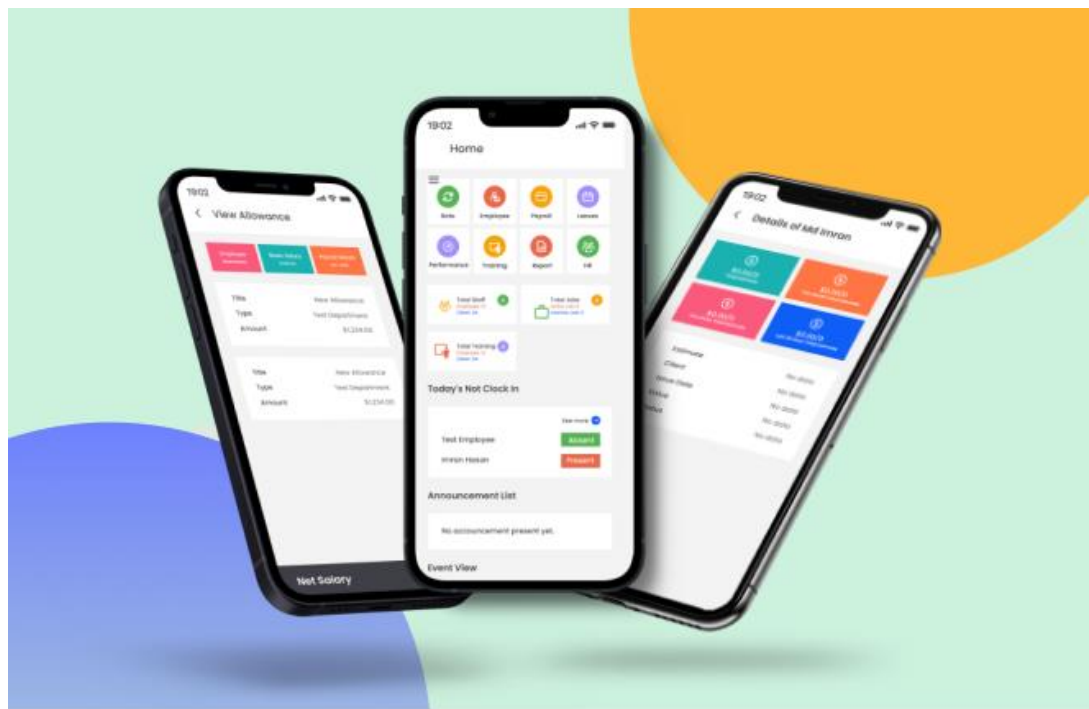


Figure 3.12

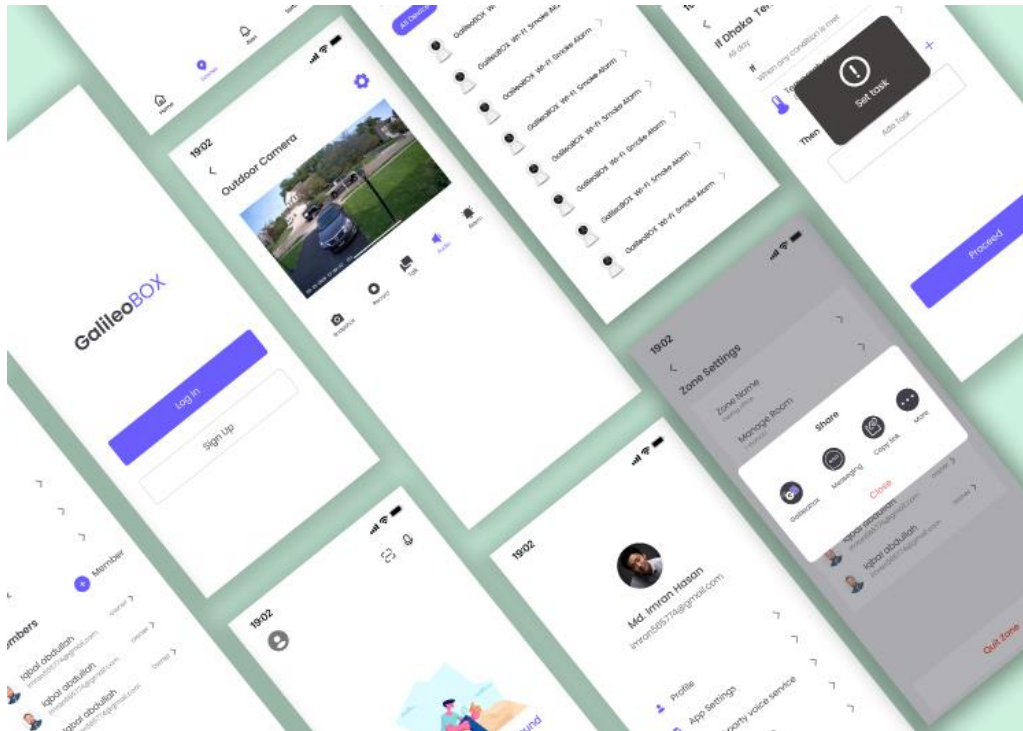


Figure 3.12

### 3.3.4 Prototyping

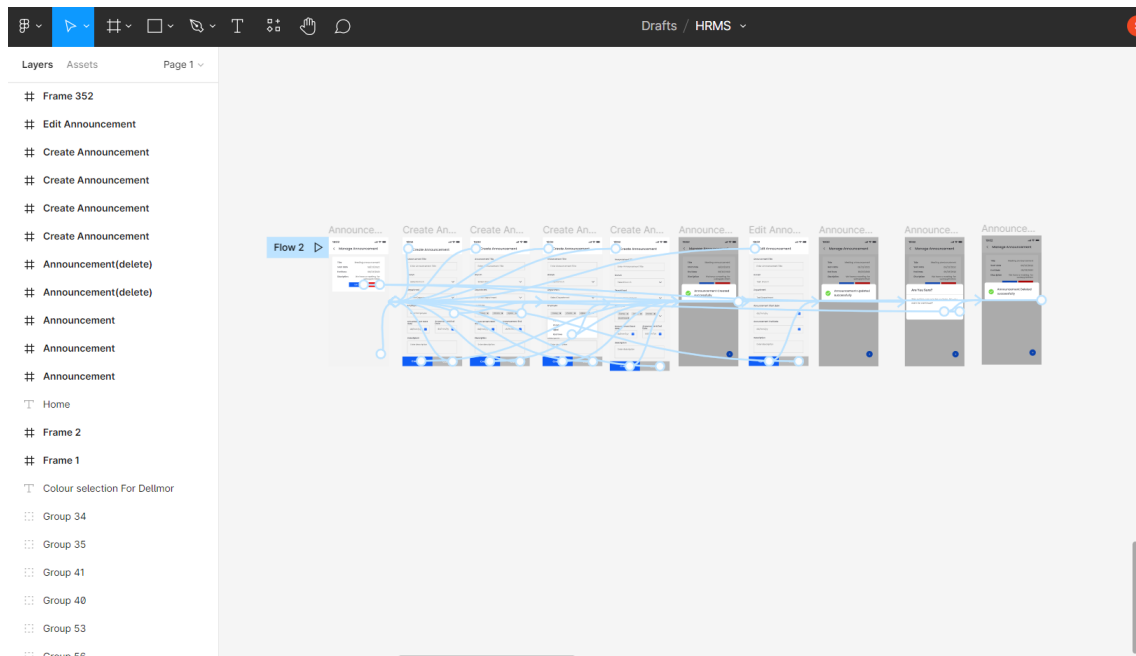


Figure 3.13

## 3.4 My Daily Work Record

(Sumiya Binta Amir) Internship work details ☆ ☰ ☰

File Edit View Insert Format Data Tools Extensions Help Last edit was 10 days ago

100% S % .0 123 Arial 10 B I A

SL#	Task	Assign to	Assign by	Client	Assign time	Start time	End time	Status
1	colour correction on disgn.Zone management,room managemen	sumiya	imran	Kabirul Islam	08/01/2022 11:00	08/01/2022 11:15	01/08/2022 15:00	complete
2	fingerprint change part design Galeliobox (sumiya)	sumiya	imran	Kabirul Islam	08/02/2022 10:10	08/02/2022 10:10	08/02/2022 00:05	complete
3	fingerprint change part design Galeliobox (sumiya)	sumiya	imran	Kabirul Islam	08/02/2022 00:51	08/02/2022 14:00	08/02/2022 15:00	complete
4	Remove fingerprint part Galeliobox (sumiya)	sumiya	imran	Kabirul Islam	08/02/2022 14:00	08/02/2022 14:00	08/02/2022 15:00	complete
5	Add & change pin part Galeliobox (sumiya)	sumiya	imran	Kabirul Islam	08/02/2022 16:00	08/02/2022 16:00	08/02/2022 16:54	complete
6	research multivendor marketplace, making moodboard , genera	sumiya	imran	Kabirul Islam	08/03/2022 11:00	08/03/2022 11:01	08/03/2022 14:00	complete
7	research ux for e-commerce site (sumiya)	sumiya	imran	Kabirul Islam	08/03/2022 11:01	08/03/2022 14:45	08/03/2022 16:46	complete
8	study Guess.com. select colour for design (sumiya)	sumiya	imran	Kabirul Islam	08/04/2022 10:30	08/04/2022 10:31	08/04/2022 13:00	complete
9	design e-commerce site home page colour (sumiya)	sumiya	imran	Kabirul Islam	08/04/2022 14:00	08/04/2022 14:01	08/04/2022 15:00	complete
10	research design system (sumiya)	sumiya	imran	Kabirul Islam	08/05/2022 10:30	08/05/2022 10:31	08/05/2022 15:52	complete
11	galelio box design alignment(sumiya)	sumiya	imran	Kabirul Islam	08/10/2022 10:45	08/10/2022 10:50	10/09/2022 13:01	complete
12	HRMS research(sumiya)	sumiya	imran	Kabirul Islam	08/11/2022 10:05	08/11/2022 10:05	11/11/2022 00:25	complete
13	galelio box weather part design(sumiya)	sumiya	imran	Kabirul Islam	08/11/2022 13:00	08/11/2022 13:00	11/12/2022 16:00	complete
14	UX language(sumiya)	sumiya	imran	Kabirul Islam	08/11/2022 16:00	08/11/2022 16:00	11/10/2022 18:00	complete
15	galeliobox location part(sumiya)	sumiya	imran	Kabirul Islam	08/12/2022 10:55	08/12/2022 10:55	12/10/2022 00:55	complete
16	making google clone(sumiya)	sumiya	imran	Kabirul Islam	08/16/2022 10:15	08/16/2022 10:15	08/16/2022 00:45	complete
17	Mood board for Hrms project	sumiya	imran	Kabirul Islam	08/16/2022 14:05	08/16/2022 14:05	08/16/2022 16:00	complete
18	Responsive ui design	sumiya	imran	Kabirul Islam	08/16/2022 16:15	08/16/2022 16:15	08/16/2022 18:12	complete
19	Responsive ui design demo(sumiya)	sumiya	imran	Kabirul Islam	08/17/2022 10:15	08/17/2022 10:15	08/17/2022 17:45	complete
20	advance figma playlist practice(sumiya)	sumiya	imran	Kabirul Islam	08/18/2022 10:15	08/18/2022 10:15	08/18/2022 16:40	complete
21	Galileo box full design laignment correction(sumiya)	sumiya	imran	Kabirul Islam	08/19/2022 10:15	08/19/2022 10:15	08/19/2022 17:10	complete
22	making google sheet for desert (sumiya)	sumiya	Roshnee		08/19/2022 17:20	08/19/2022 17:20	08/19/2022 18:55	complete
23	UX Writing for HRMS project(sumiya)	sumiya	imran	Kabirul Islam	08/22/2022 10:15	08/22/2022 10:30	08/22/2022 00:35	complete
24	Create information architecture for profile part of HRMS project	sumiya	imran	Kabirul Islam	08/22/2022 14:10	08/22/2022 14:20	08/22/2022 17:01	complete
25	study variants (sumiya)	sumiya	imran	Kabirul Islam	08/22/2022 17:20	08/22/2022 17:20	08/22/2022 18:15	complete
26	design Leave management part of HRMS (sumiya)	sumiya	imran	Kabirul Islam	08/23/2022 10:15	08/23/2022 10:15	08/23/2022 17:55	complete
26	design Performance & training part of HRMS (sumiya)	sumiya	imran	Kabirul Islam	08/25/2022 10:30	08/25/2022 10:30	08/25/2022 18:05	complete
27	design recruitment part of HRMS (sumiya)	sumiya	imran	Kabirul Islam	08/26/2022 10:15	08/26/2022 10:15	08/27/2022 17:30	complete
29	Recheck and edit all the designs done	sumiya	imran	Kabirul Islam	08/29/2022 10:50	08/29/2022 10:50	08/29/2022 13:00	complete
22	Dellmore website picture selection	Sumiya	Imran	Kabirul Islam	08/29/2022 14:00	08/29/2022 14:00	08/29/2022 16:00	complete
23	more Page of recruitment Part	sumiya	imran	Kabirul Islam	08/29/2022 16:00	08/29/2022 16:01	08/29/2022 18:12	complete
24	Design marked attendance ,bulked attendance,apprisal , goal tr	sumiya	imran	Kabirul Islam	08/30/2022 10:25	08/30/2022 10:25	08/30/2022 17:45	complete
25	Design Job candidate Job OnBoard Custom Question & Interv	sumiya	imran	Kabirul Islam	08/31/2022 11:05	08/31/2022 11:05	08/31/2022 15:38	complete
26	Upload photos to dellmore Website (sumiya)	sumiya	imran	Kabirul Islam	8/31/2022 16:00:00	8/31/2022 16:00:00	8/31/2022 18:00:00	complete
27	Colour correction, alingment correction and othet correction off	sumiya	imran	Kabirul Islam	09/01/2022 10:15	09/01/2022 10:15	09/01/2022 18:15	complete
28	Ux for Leave management	sumiya	imran	Kabirul Islam	09/02/2022 10:15	09/02/2022 10:15	09/02/2022 18:15	complete

Figure 3.14

## **Chapter 4 : Achievements**

I think joining in authority was one of my best decision I have learnt a lot from this company my achievement from this company are described below

### **4.1 Experience**

Autonomy BD gave me a total corporate experience. I have known how it feels to work on a corporate office and how all the words are done

### **4.2 Practical knowledge**

After doing this internship at autonomy BD it became easier for me to implement my bookish knowledge to the real world. It gave me confidence. I have learnt so many new things while doing my work

### **4.3 Teamwork**

Taught me how a team actually works ,how members support each other and how every team member's opinion is equally important to the team leader. Now I am more good at teamwork

#### **4.4 Skill development**

Working in AutonomyBD helped me a lot to develop my skills. I have learnt a lot of new and little things while doing this job

#### **4.5 Understand office environment**

Before joining autonomy BD I had no idea about the office environment.

Autonomy VD give me a healthy and energetic office environment and it help me a lot to think about new design

## **Chapter 5 : Conclusion**

Working with AutonomyBD for the last 4 months was one of the best journeys of my life. I joined AutonomyBD on 3rd June 2022. All the employees of autonomy BT accepted me very cordially .Our CEO Mr Shaibal Muhammad and our designing team head Mr Imran Hassan was so friendly

with me the never pressurized me for any work and they made me feel safe and secure in the office. It was great working with them. After working in autonomy BD I have learnt time management and got some self motivation.

Autonomy vridddhi gave me a chance to work on real projects which were new to me. Aur team leader and our CEO always praised my work. Every month, employees of AutonomyBD used to go for hangouts.

It was a great experience working with them and I think it was my first step to my career

Last but not the least I would like to thank my supervisor **Mr Khalid Bin Badruzzaman Biplob** again for helping me throughout this journey.

Internship is very important for every student to take the first step to that career. It is a great program of Daffodil International university to make their students more confident. In future I want to work with many more real projects