



**GUJARAT TECHNOLOGICAL UNIVERSITY**

Chandkheda, Ahmedabad

Affiliated



**Darshan Institute  
of  
Engineering and Technology,  
Rajkot**

A  
Project Report  
On

**Hotel Information**

Under the course of  
**DESIGN ENGINEERING – 1A (3130008)**  
B. E. II, Semester – III  
(Computer Engineering)

*Submitted by:*  
Group:181888

Sr.	Name of student	Enrolment No.
1	Yash Madariya	180540107097
2	Bhargav Gadhiya	180540107051
3	Mihir Panara	180540107112
4	Dhruv Gadhiya	180540107052

**Prof. Firoz Sherasiya**  
(Faculty Guide)

**Dr. Gopi Sanghani**  
Head of the Department

**Academic year**  
(2019-20)

# GUJARAT TECHNOLOGICAL UNIVERSITY

Chandkheda, Ahmedabad  
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Darshan Institute of Engineering & Technology, Rajkot

## CERTIFICATE

This is to certify that the students namely, **Mr. Yash Madariya (180540107097), Bhargav Gadhiya (180540107051), Mihir Panara (180540107112), Dhruv Gadhiya (180540107052)** of ***B. E. II (Computer Engineering) Semester III*** have successfully completed the course work and related tasks for the course of **Design Engineering 1A (3130008)** during the academic term ending in the month of October 2019.

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

Place: Rajkot

(Faculty Guide)

**Dr. Gopi Sanghani**  
Head of the Department

(External Examiner)

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# 1. Introduction

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## 1.1 Designinnature–Biomimicry

- [Include your Bio mimicry exercise here]

## 1.2 Team profile page

- Know yourself:
- Who are the team members?
  - Bhargav Gadhiya
  - Yash Madariya
  - Mihir Panara
  - Dhruv Gadhiya
- Provide brief intro of all team members along with guiding
  - Prof. Firoz Serasiya is our guiding faculty.
- Have you given any fancy name to your team?
  - No

## 1.3 Team building exercise–balloon tower

- Build:
- How your group was formed?
  - because we are good friends.
- Did you know anyone in your group before?
  - Yes, we all are know each other before this.
- How the domain area (Project for....) was selected / thought & discussed up on?
  - during travelling or tour to stay unknown place we facing some problems like find hotel ,inn, and most is time wasting. to solve this problem we take this domain.

## 6. Ideation Canvas

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- Prepare a brief note about Observation technique you have used. Include the 'Lemon-case' assignment/answers in form of a note here.
  - we visited hotel which is located near our city first of all we have observed there system that how hotel is working after that we talk to many customer that what problem they are facing during find satisfied hotel.

### 2.1 A-E-I-O-U framework

- Discuss about each of your A-E-I-O-U task performed
  - Activities:
    1. Brunch, Dinner
    2. Cooking
    3. Room service
    4. Billing
  - Environment:
    1. joyful
    2. good serving by waiter
    3. customers
    4. full dress, garniture
  - Interactions:
    1. Manager interacting with customers

## 6. Ideation Canvas

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2. Customers interacting with waiters

3. Manager interacting with waiter

4. Owner interacting with Manager

- Objects:

1. Kitchen

2. Reception table

3. Dining table

4. Room

5. Refrigerator

6. Delivery apps

- Users:

1. Customers

2. Managers

3. chefs

4. Owner

5. Security

## 6. Ideation Canvas

### 3 Mind Mapping

- Include the mind mapping sheet prepared by your team here

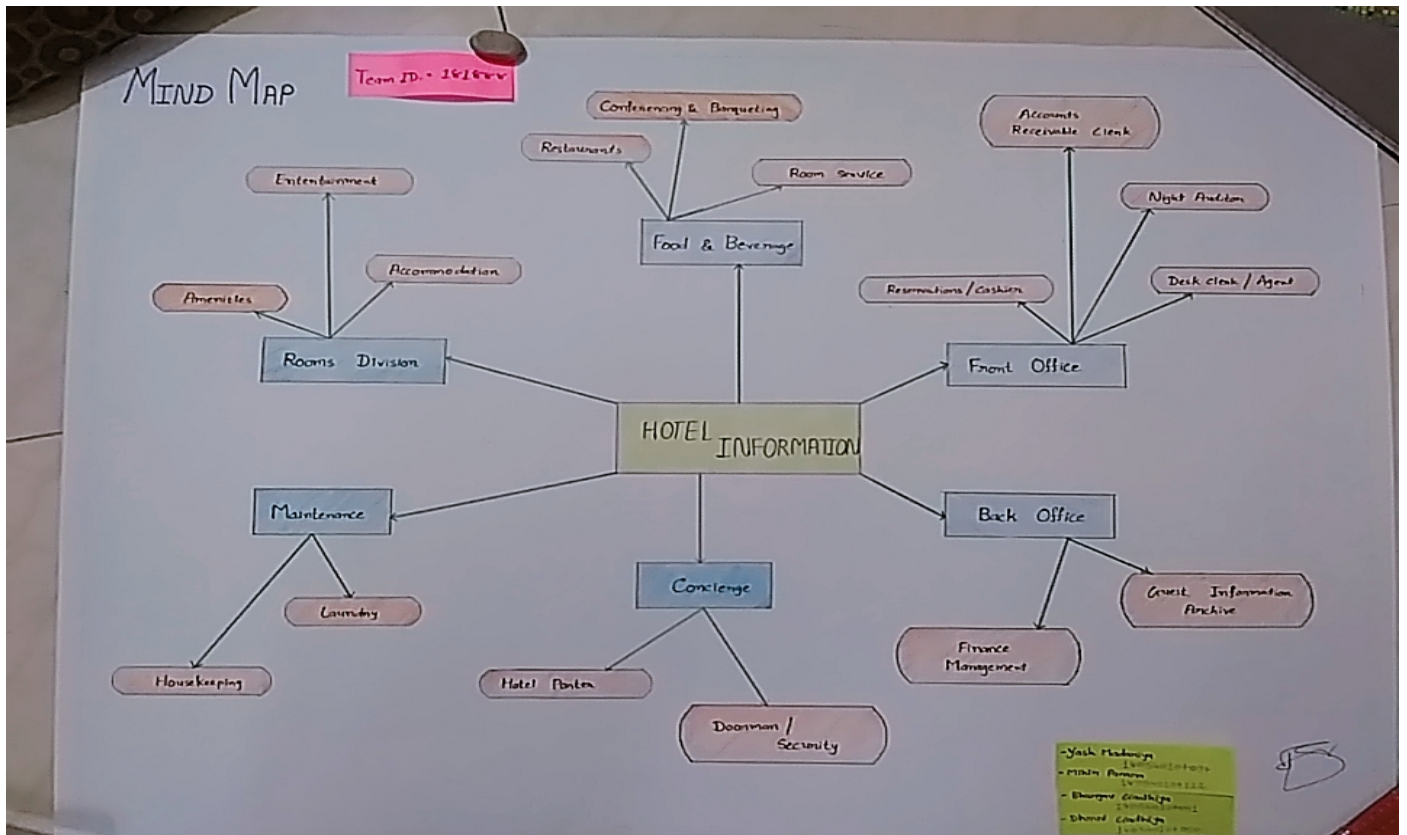


Figure 1 Mind mapping

- Who was the Selected User? Which were probably other set of users / sub-user categories?
  - Users:
    1. Customers
    2. Manager



## 6. Ideation Canvas

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- Who were the stakeholders? What make you feel to include these activities on canvas? You may mention each one.

- Stakeholders:

1. Owner or
2. manager

- What activities are mentioned? What make you feel to include these activities? You may mention each one.

- Activities:

1. Brunch, Dinner

2. Cooking

3. Room service

4. Billing

- Can you describe the stories here in brief, about the happenings and feelings of the user for which the stories have been framed?

- during travelling or tour to stay unknown place customer facing some problems like find hotel and most is time wasting.

## 6. Ideation Canvas

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### 5 Ideation Canvas

- Include an image (or parts of images) and discuss about Ideation process you have done in group;



Figure 4 Ideation Canvas

## 6. Ideation Canvas

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### ➤ Enlist people identified

- Users:
  1. Passengers
  2. Buyers
- Stackholders:
  1. Owner
  2. Manager

### ➤ Enlist activities identified;

- Activities:
  1. Brunch
  2. ,Dinner
  3. Cooking
  4. Room service
  5. Billing

### ➤ Enlist location/context/situation identified

- Environment:
  1. Joyfull
  2. good serving by waiter
  3. customers
  4. full dress,garniture

## 6. Ideation Canvas

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- Prepare a list of props:
  - the incredible convenience of booking online is one of biggest advantages of online hotel booking. The internet has extremely easy accessible with consumers using the internet and reaching tourists anywhere in the world,
- Prepare a list of difficulties identified; mention/describe your idea about relaxing/resolving the identified difficulty(ies) using props.
  - a. Publish good content
  - b. Create instructional videos
  - c. Get ad promo

## 6. Ideation Canvas

### 6 Product Development Canvas

- Include an image (or parts of images) and discuss about Product Development Canvas you have done in group

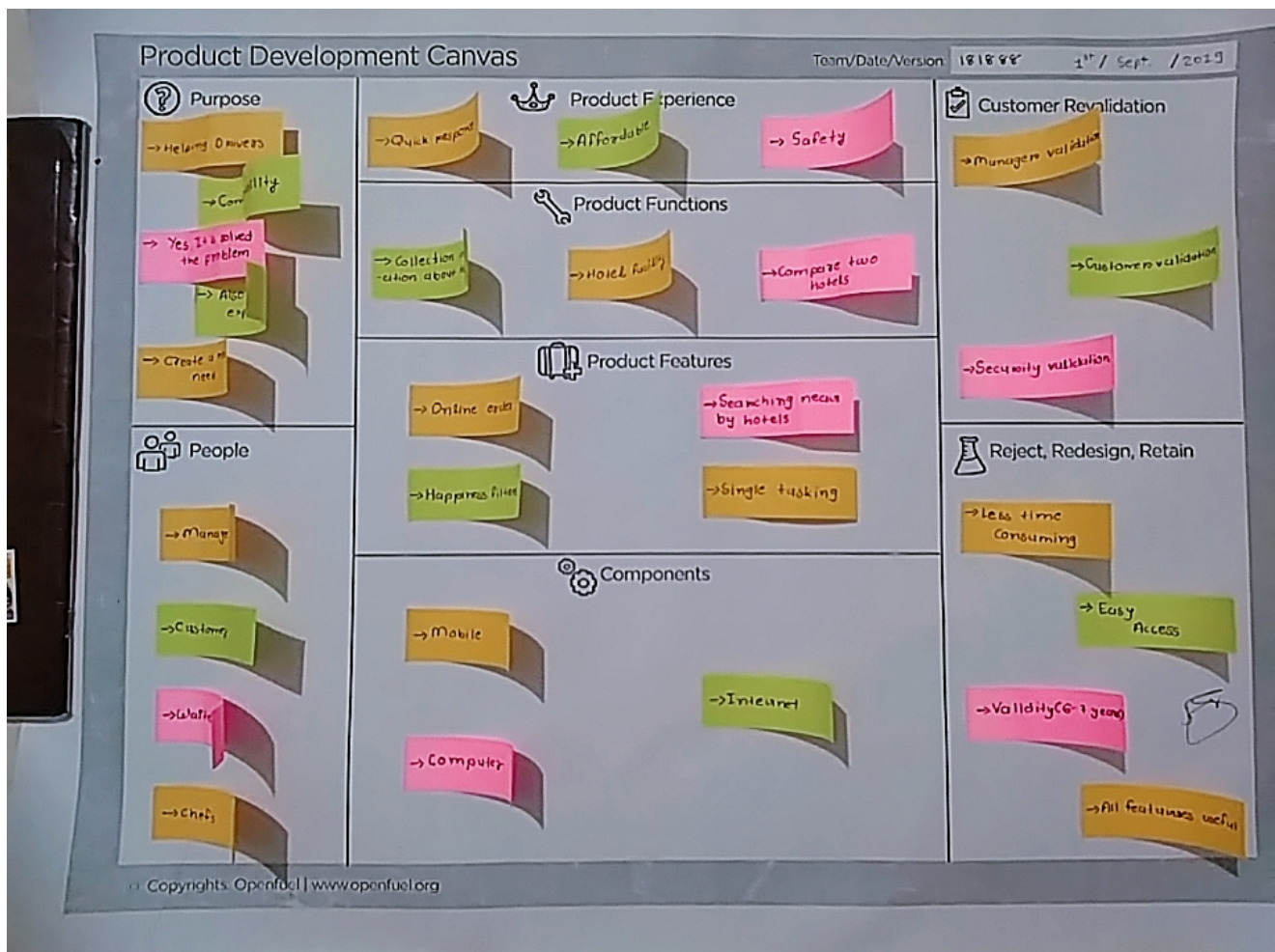


Figure 5 Product Development Canvas

## 8. Diachronic and Synchronic analysis

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❖ Describe about each section of PDC

➤ What is important input received while carrying out revalidation process? Discuss.

1. Purpose : In PDC we have to maintain purpose of our topic, product experience, product functions, product features , components ,people which are relevant with our topic.
2. People : manager , customer , waiter , chefs
3. Component : mobile , computer , internet
4. Customer revalidation : manager validation , customer validation , security validation.
5. Product experience : quick response , affordable , safty



**Figure 6 Product Prototype Canvas**

## 12. Log-book records

- Include copy of individual log-book records as an attachment of previously signed pages here

1.

*log Book.*

\* project on:

Hotel Information.

Group Id :: 181884

Group Members::

Madasiya	Yash	180540107097
Mihir	Panaza	180540107112
Bhargav	Gadhiya	180540107052
Dhruv	Gadhiya	180540107051

We start searching and collect ideas and things which are covered in our topic and as per our topic we give best result to customer/user. First we meet that type of person that they are daily travelling and stay different places and asking to him that they which type of problem facing are facing to stay and eating, and find hotel. We listed it and try to covered its solution in our project.

Figure 1 log-Book frame works



## 12. Log-book records

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2.

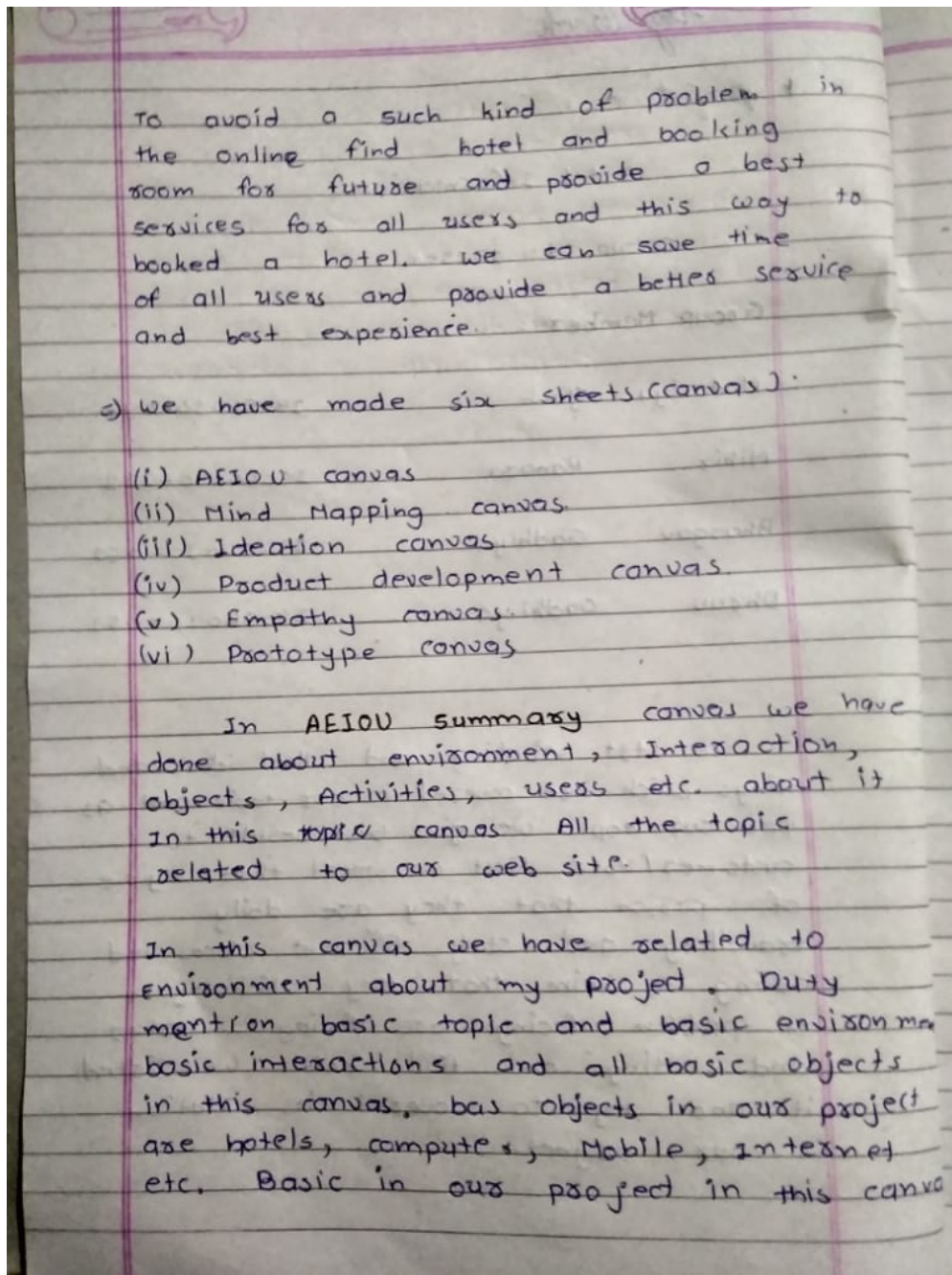


Figure 2 log-Book frame works

## 12. Log-book records

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3.

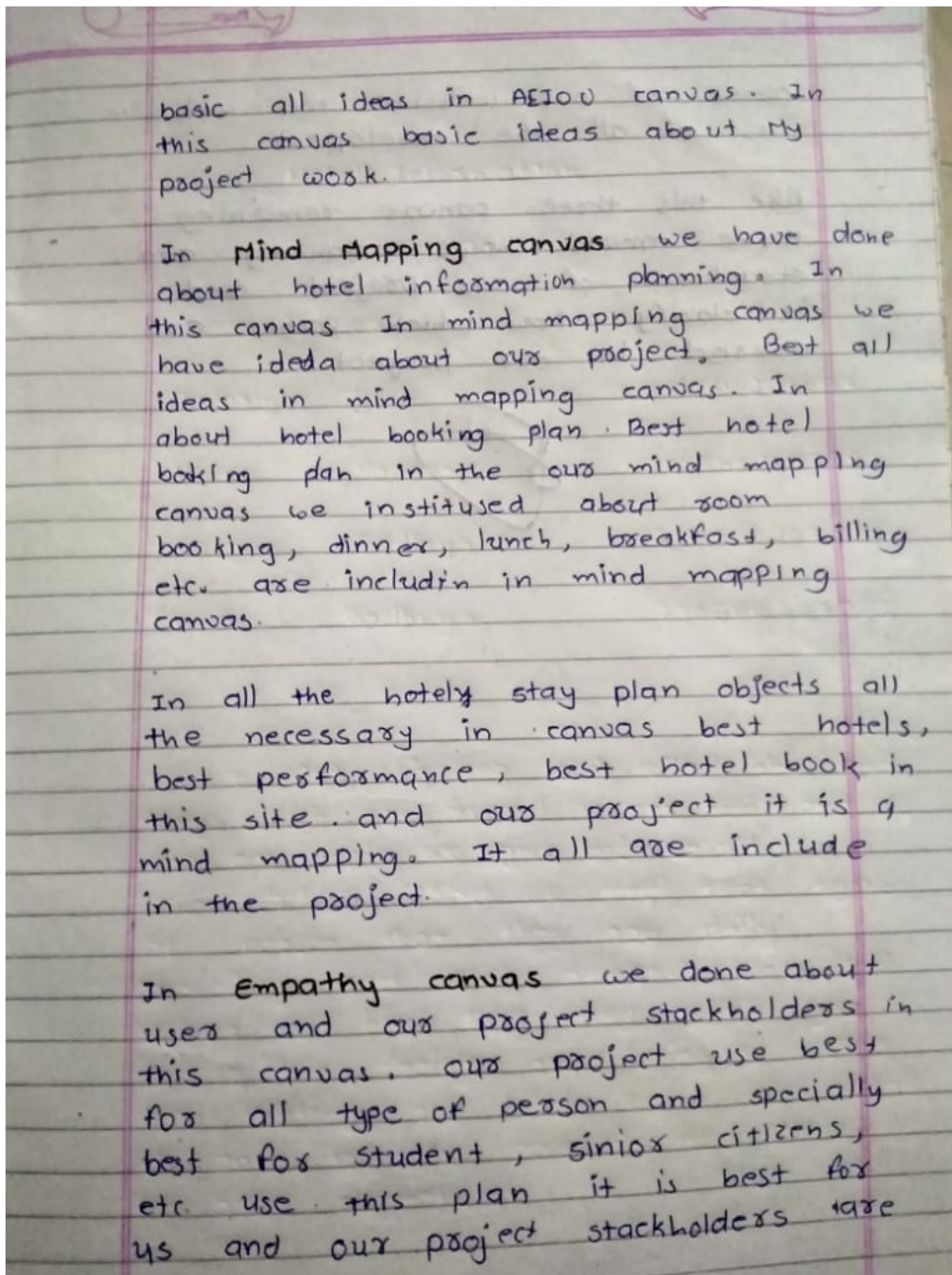


Figure 3 log-Book frame works

## 12. Log-book records

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4.

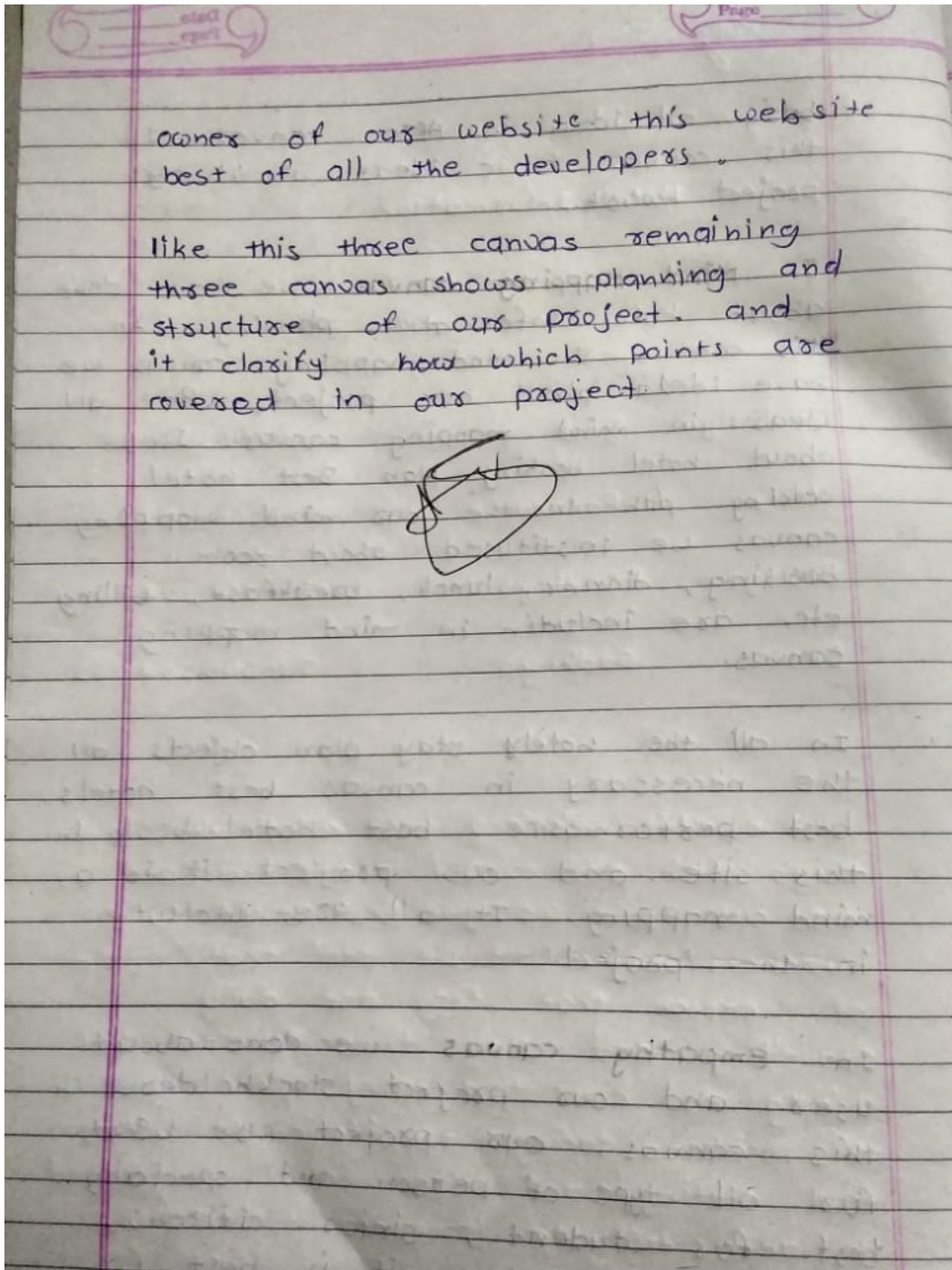


Figure 4 log-Book frame works