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. |
|-----|-----------------|---------------|
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| 3 | Mihir Panara | 180540107112 |
| 4 | Dhruv Gadhiya | 180540107052 |

Prof. Firoz Sherasiya (Faculty Guide)

Dr. Gopi Sanghani Head of the Department

Academic year (2019-20)

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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

1.1 <u>Designinnature–Biomimicry</u>

[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.

- 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

- 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

3 Mind Mapping

> Include the mind mapping sheet prepared by your team here

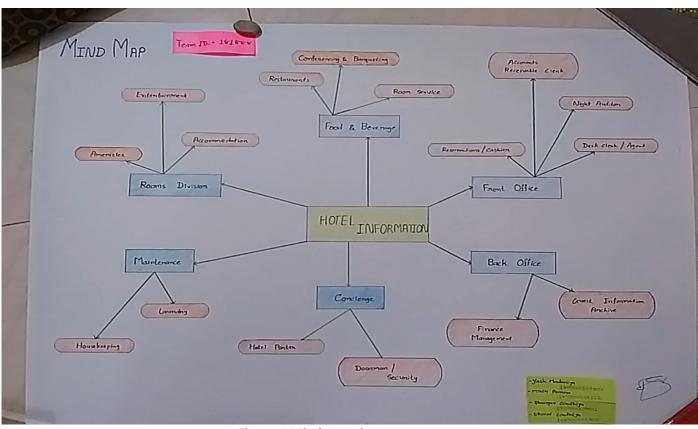


Figure 1 Mind mapping

4 Empathy Mapping Canvas

> Include an image (or parts of images) and discuss about Empathy mapping

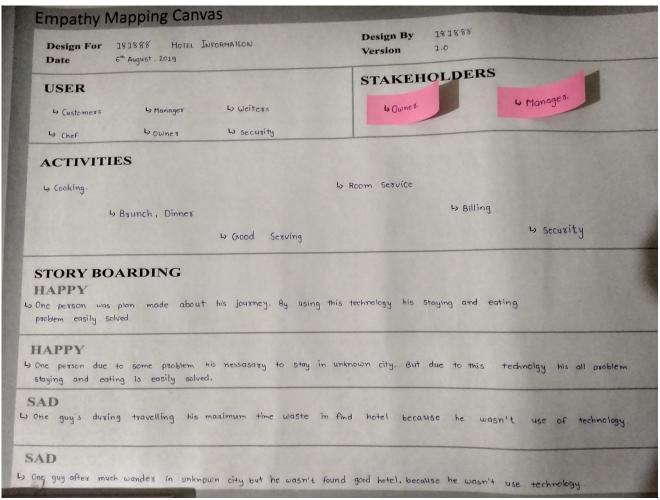


Figure 2 Empathy Canvas

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

- ➤ 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.

5 Ideation Canvas

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

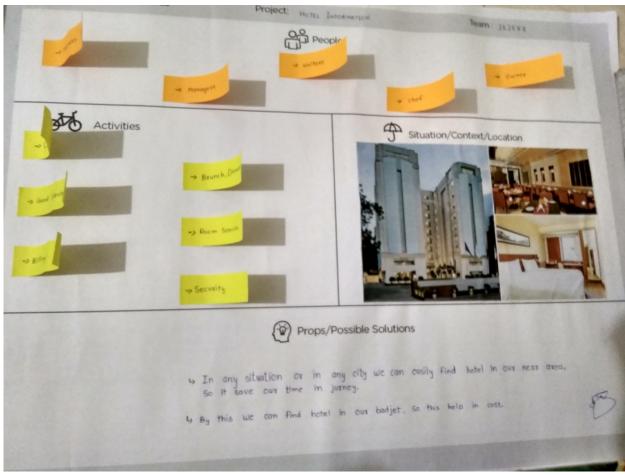


Figure 4 Ideation Canvas

> Enlist people identified

| • Users: | |
|--|--|
| 1. Passengers | |
| 2. Buyers | |
| Stackholders: | |
| 1. Owner | |
| 2. Manager | |
| Enlist activities identified; | |
| • Acivities: | |
| 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 | |

- > Prepare a list of props:
 - the incredible convenience of booking online is one of biggest advantages of online hotel booking. The internet hs extremely easy accessible with cosumers using the internet and reaching tours 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 Product Development Canvas

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

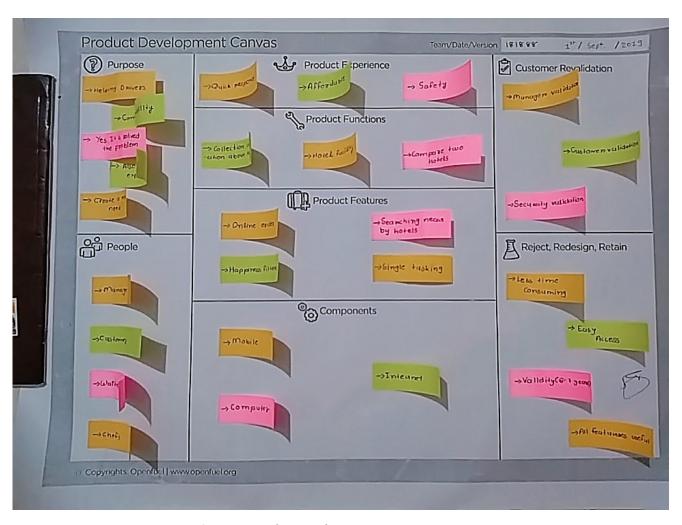


Figure 5 Product Devlopment Canvas

8. Diachronic and Synchronic analysis

- 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

8. Diachronic and Synchronic analysis

7 Product Prototype Canvas

Include snaps/images of your rough prototype here Provide description of it.

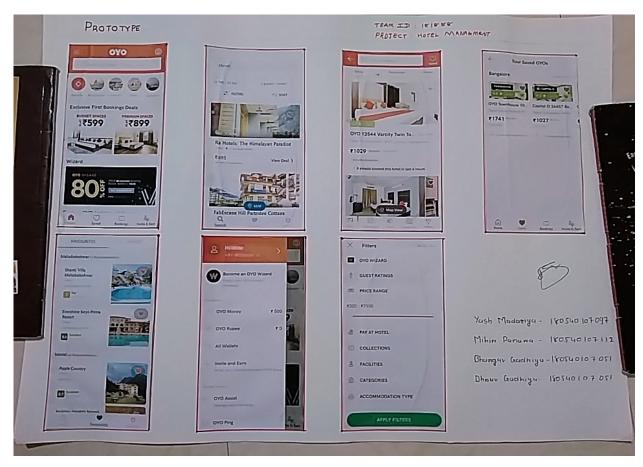


Figure 6 Product Prototype Canvas

12. Log-book records

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

| Hotel Information. Group Id:: 181888 Group Members:: Madariya Yash Mihir Panara 180540107112 Bhargav Gadhiya 180540107051 We stot serching and collect ideas and things which are covered in our topic and as per our topic we give best result to customers/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 cating, and find hotel. We listed it and try to covered its solution | 5 | log Book |
|--|---|--|
| Group Id: 181888 Group Members:: Madariya Yash Mihir Panara 180540107097 Mihir Panara 180540107112 Bhargar Gadhiya 180540107051 Dhrun Gadhiya 180540107051 we stot serching 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 cating and find hotel. We listed it and try to covered its solution in our project. | * | project on: |
| Madariya yash 180540107097 Mihir Panara 180540107112 Bhargar Gadhiya 180540107051 Dhrur Gadhiya 180540107051 we stat serching 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 cating, and find hotel. We listed it and try to covered its solution | | Hotel Information |
| Madariya yash 180540107097 Mihix Panara 180540107112 Bhargav Gadhiya 180540107051 Dhruv Gadhiya 180540107051 we stat serching and collect ideas and things which are covered in our topic and as per our topic we give best result to customer/usex. 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 cating, and find hotel. We listed it and try to covered its solution in our project. | | Group 1d: 181884 |
| Mihir Panara 180540107112 Bhargar Gadhiya 180540107052 Dhrur Gadhiya 180540107051 We stot serching 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 cating, and find hotel. We listed it and try to covered its solution in our project. | | Group Members: |
| Bhargar Gadhiya Isosho 107052. Dhrun Gadhiya Isosho 107051 we stat serching 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. | | Madaviya yash 180540107097 |
| Dhow Gadhiya 180540107051 we stot seoching 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 cating, and find hotel. We listed it and try to covered its solution in our project. | | |
| we stat seaching 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 cating, and find hotel. We listed it and try to covered its solution in our project. | | Bhargar Gadhiya 180540107052. |
| 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. | | Dhauv Gadhiya 180540107051 |
| | | things which are covered in our topic and as per our topic we give best result to customer luser. First we meet that type of person that they are daily ravelling and stay different places and sking to him that they which type of problem facing are facing to stay and cating, and find hotel. We listed and try to covered its solution |

Figure 1 log-Book frame works

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| | and best experience |
| 4 | we have made six sheets (canvas). |
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| 100 | (11) Mind Mapping canvas. |
| | (iii) Ideation convas |
| - | (iv) Product development canvas |
| | (v) Empothy convas |
| | (vi) Prototype convas |
| | In AEIOU summary convos we have |
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| | are hotels, computer, Mobile, Internet |
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Figure 2 log-Book frame works

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Figure 3 log-Book frame works

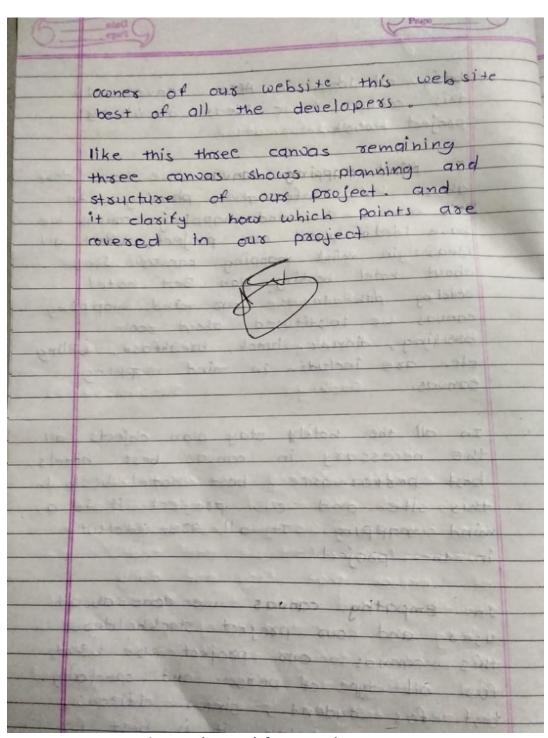


Figure 4 log-Book frame works