GUJARAT TECHNOLOGICAL UNIVERSITY

Chandkheda,Ahmedabad

Affiliated

BABARIA INSTITUTE OF TECHNOLOGY

A report on

T & NT Event Info

Under subject of
DESIGN ENGINEERING – 2B
B. E. III, Semester – VI
(Computer Science Engineering Branch)

Submitted By

Group ID:-105627

Sr. No.	Name of student	Enrolment number
1	Shruti Rana	180053107020
2	Ravi Pandya	180053107503
3	Tanmay Patel	180053107505
4	Jay Togadiya	180053107506

Prof.PragnaMakwana
Faculty Guide

Dr.Avani Vasant
Head Of The Department

Acknowledgement

We hereby acknowledge with deep gratitude for the cooperation and help given to us by all those who pour their magnificent efforts in making our project.

We are glad to express our heartfelt thanks and due respect to our lecture Assistant professor Miss. Pragna Makwana for her great support, inspiration, motivation and underable guidance the entire project was completed. We take this opportunity to express our profound gratitude and thanks to our H.O.D Dr .Avani R.Vasant.

We are very much thankful to our college students who cooperated with us. At last we are extremely thankful to our parents for their moral support.

ABSTRACT

We are going to create a web site T&NT EVENT INFO our web-site is used to manage all the technical and non-technical events organization by different collages. Event organization can register in our web-site and also important for event organizer that he/she has add all the contact details of this service provides. The student user also register themselves in our web-site and choose the events which one they like to participate. The upcoming events will be notify them. The student user will also be register them self and also pay for that event.

CONTENT

1:- Introduction

The course aims to validate the learnings from previous semester of the understanding Design Thinking, by translating the concepts into exercises. Here branch specific topics need to be selected by students and refine their learning for Design Thinking phases.

Each group has to select one branch specific component/product/artefact/program for design engineering activity for their DE-2 project and modify the same based on extracted information as per User's needs. This activity is to learn about some basic technical aspects involved in designing something related to particular branch.

After Design Engineering phase, Students must have to verify their revised concepts of selected artefact/component with the user before investing their time and efforts further. This will help students to verify their concepts and help in clarifying the insights that they need for implementing their idea.

2:-AEIOU CANVAS

The AEIOU framework includes:-

- A:-Activity
- E:-Environment
- I:-Interaction
- O:-Object
- U:-User

ACTIVITY

Activities are goal-directed sets of actions—paths towards things people want to accomplish. What are the modes people work in, and the specific activities and processes they go through.

Activities include: If someone (User) is involved…

- How?
- What actually is going on?
- Why it is going on?
- How it is going on?
- What is involved?

According to our domain activities included:-

- Student registering in event.
- Student fill-up the registration form.

ENVARONMENT

Environments include the entire arena where activities take place. What is the character and function of the space overall, of each individual's spaces, and of shared spaces.

This canvas includes:-

- Where (Activity) ishappening?
- What arecircumstances?
- Time effects,any?
- Seasonal effects,any?
- Person effects,any?
- Operational effects,any?

According to our domain, Environment includes:-

- Clean
- Cloudy
- Foggy
- Dusty

INTERACTION

Interactions are between a person and someone or something else; they are the building blocks of activities. What is the nature of routine and special interactions between people, between people and objects in their environment, and across distance.

Interaction canvas includes:-

- Who are involved? Why?How?
- What (users) are holding/ operating/using…
- How the contacts are inaction?
- Action vs.Reaction…

According to our domain, Interactions include:-

- Two students are discussing about event registration.

- Student asking for registration form on registration desk.

- Student ask to event organizer about event information.

OBJECT

Objectsarebuildingblocksoftheenvironment,keyelementssometimesputtocomplexoru n-intended uses(thuschangingtheirfunction,meaningandcontext).Whataretheobjectsanddevicespeopleha ve in their environments and how do they relate to theiractivities?

According to our domain, Objects include:-

- Form
- ID card
- Computer
- Mobile phone

USER

Usersarethepeoplewhosebehaviors, preferences andneedsarebeingobserved.Whoisthere?What are their roles and relationships? What are their values andprejudices?

According to our domain, Users include:-

- Student
- Principle
- HOD
- Faculty

3:- MIND MAPPING

A mind map is an easy way to brainstorm thoughts organically without worrying about order and structure. It allows you to visually structure your ideas to help with analysis andrecall.

A mind map is a diagram for representing tasks, words, concepts, or items linked to and arranged around a central concept or subject using a non-linear graphical layout that allows the user to build an intuitive framework around a central concept. A mind map can turn a long list of monotonous information into a colourful, memorable and highly organized diagram that works in line with your brain's natural way of doingthings.

A mind map can be used as a simplified content management system (CMS). It allows you to store all your data in a centralized location to stay organized. With the various mind mapping software programs out today, you can attach files to different branches for even more flexibility. You can also change to various different views in order to find one that suits youbest.

We also made a mind map collecting all idea together and putting it into a single blankpaper.
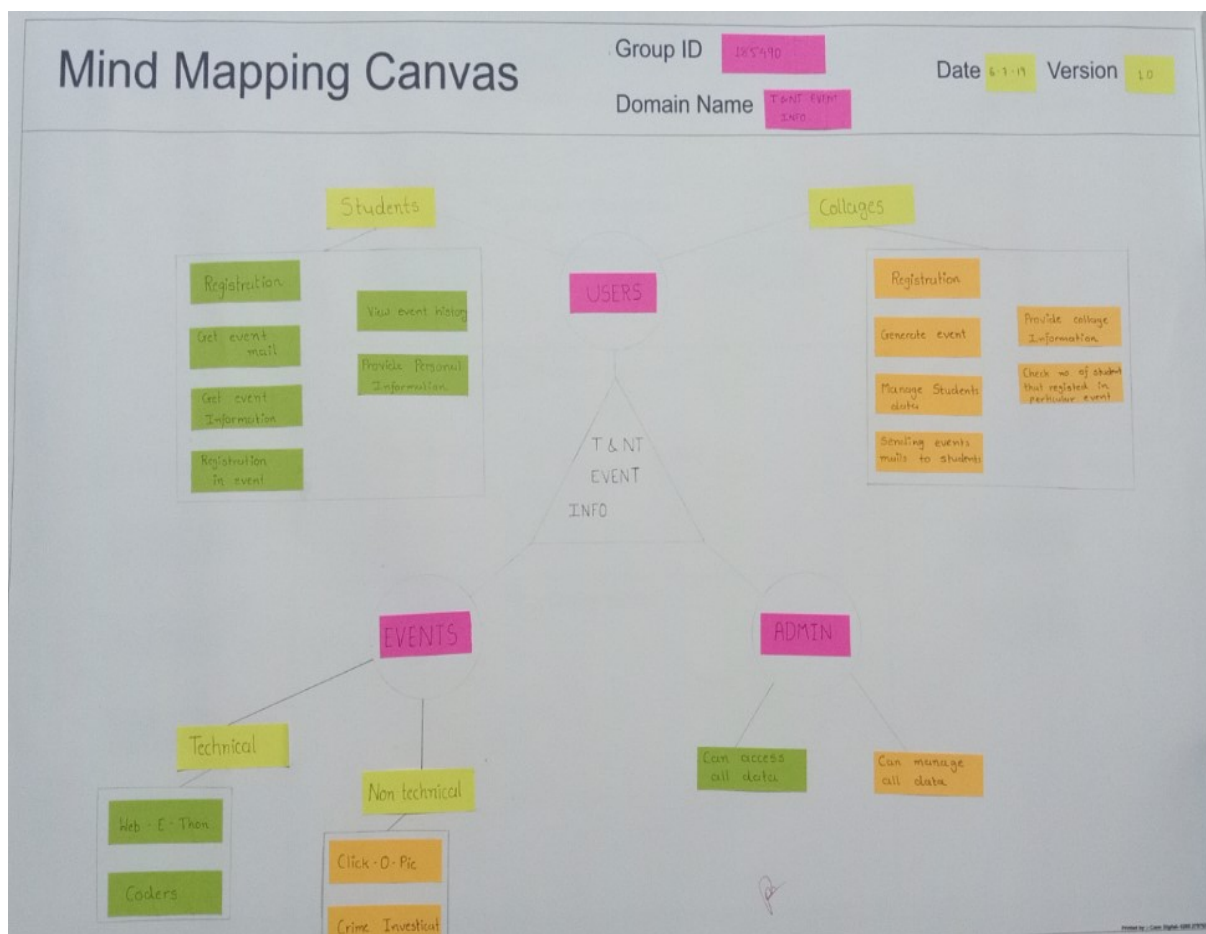
4:- EMPATHY CANVAS

An empathy map is a collaborative tool teams can use to gain a deeper insight into their customers. Much like a user persona, an empathy map can represent a group of users, such as a customer segment. The empathy map was originally created by Dave Gray and has been gaining popularity with the agile community.

Empathy Mapping Canvas

Design For T&NT EVENT INFO

Date 20-07-19

Design By 185690

Version 10

USER
Clg Student   Faculty

STAKEHOLDERS
Event Organizer   Co-orenizer

ACTIVITIES
Online Registration   Online Payment   Student Search For Event

STORY BOARDING

HAPPY
The M.S. University was organized the event Paramarsh. The team of Paramarsh was come in our clg to give information of about that event and for registration of interested students. In these events We are interested for that event and register our self for that event

HAPPY
Once Jay registered in event webethon due to some reasons the event was postponed But he got message from the even Organizer

SAD
Once fenil fill the registration form for event when he reached at event place. Then he come to know that his name is not in participants list because the organizer was lost his registration form so that fenil doesn't take part in event.

SAD
Once Meet registered in event Dexter. due to the heavy rain the event was postponed. Meet doesn't got any message or information about this when he reached at event place. he come to know that the event was postponed.

User include:-

- Student of college
- Faculty

Stakeholder include:-

- Event organizer
- Co-Ordinates

Activity include:-

- Online Registration
- Online payment
- Student search for event

5:-IDEATION CANVAS

An ideation canvas is a rough whiteboard where ideas can be stretched into any limits or dimensions. Ideation session is not aimed at finding solutions to the defined problem. But to define the best possible problem and stretch out its possible scope. The field is set and the overall agenda is to build the clones of the ideas and pivot them throughout the canvas so as to discover new possibilities.
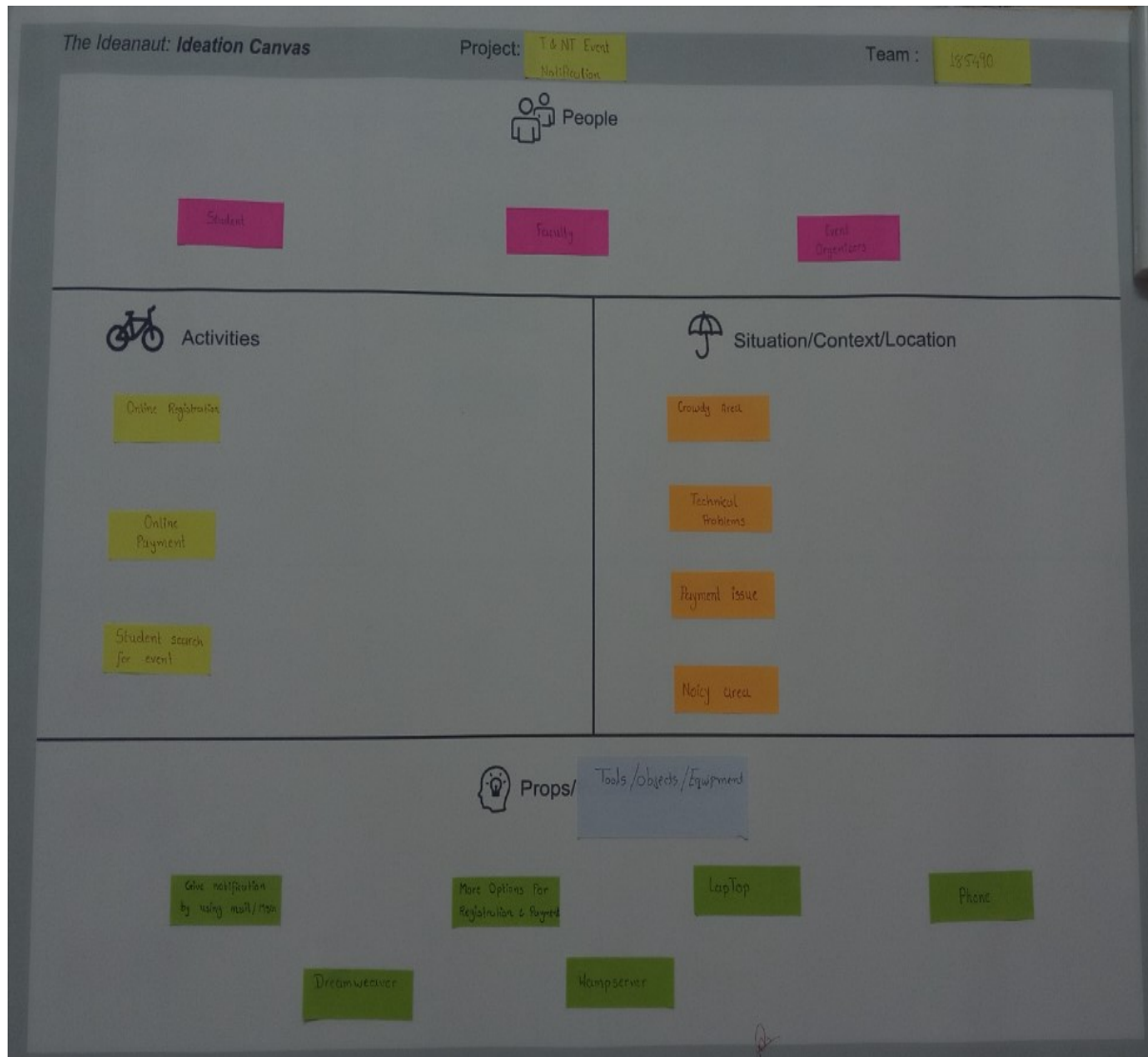
Activities include:-

- Online registration
- Online payment
- Student search for event

People include:-

- Student
- Faculty

Situations include:-

- Crowdie area
- Technical problems
- Payment issue
- Very noisy area

Possible Solution / Tools / Equipment:-

- Give notification using mail/message.
- Dreamweaver.
- More option for registration and payment
- WAMP server
- Laptop.

6:-Product Development Canvas

A product development canvas is the ground where in the best possible ideas after the ideation session are pitched and nurtured to develop.

The creation of products with new or different characteristics that offer new or additional benefits to the customer.

Product development may involve modification of an existing or formulation of an entirely new product that satisfies a newly defined customer want or market need.
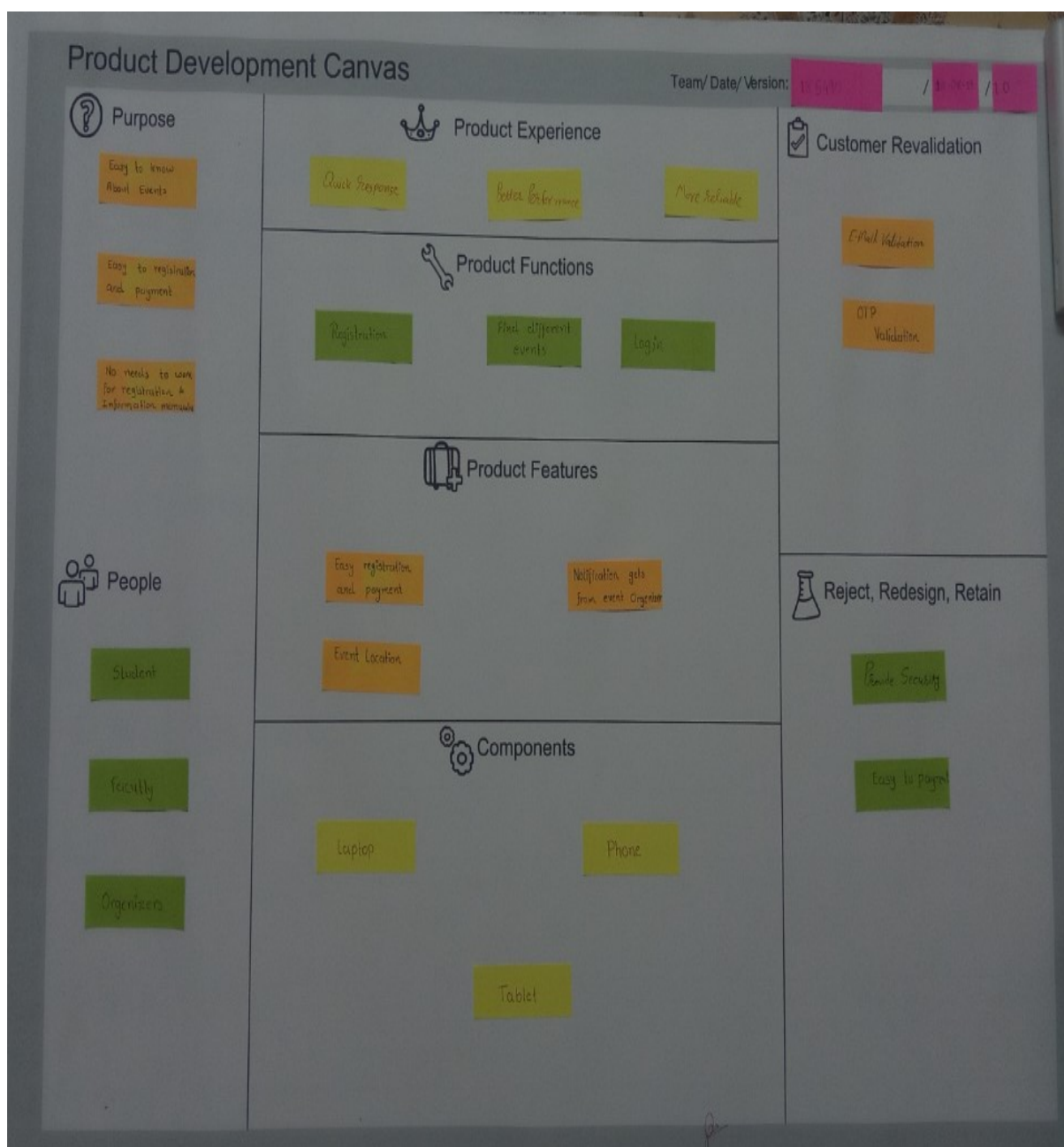
Purpose:-
- Easy to know about event.
- Easy to registration and payment.
- No need to manually work for registration and event information.

People:-
- Student
- Faculty
- Organizer
- HOD
- Principle

Product Experience:-
- Easy to use
- Provide useful information
- Quick response

Product Function:-
- Registration
- Find different events
- Login

Components:-
- Mobile
- Computer
- Server
- Internet

Product Features:-
- Easy registration and payment
- Event location
- Notification gets from event organizer
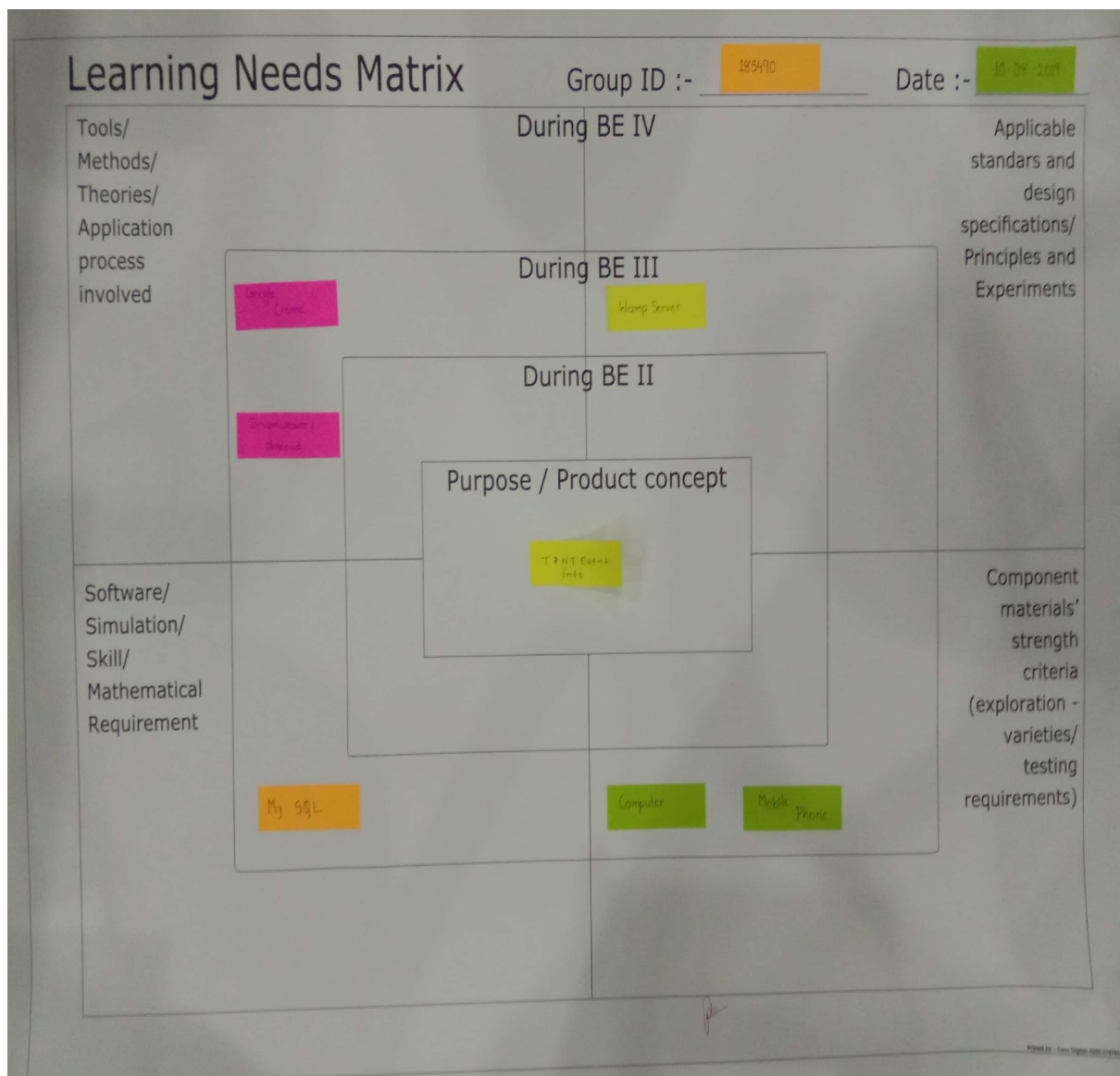
Customer Revalidation:-
- Email Validation
- OTP validation

Reject/Retain:-
- Provide security
- Easy to payment

7:- LNM [Learning need matrix]

The purpose of LNM is to identify the requirements of learning among the team members. While a new product/process is under development based on a unique idea (to reduce the level of difficulty faced by a user), the team members need to learn and explore a lot of new skills and documents, methods and guidelines.

Learning Needs Matrix

Group ID :- 185490   Date :- 10 08 2019

Tools/ Methods/ Theories/ Application process involved

Applicable standars and design specifications/ Principles and Experiments

During BE IV

During BE III

During BE II

Purpose / Product concept

TANT Event info

Google Chrome

Wamp Server

SmartLeaver Android

Software/ Simulation/ Skill/ Mathematical Requirement

Component materials' strength criteria (exploration - varieties/ testing requirements)

My SQL

Computer

Mobile Phone

8:-RESEARCH PAPER SUMMURY

TITLE: Event Management System

Author: **Vinay Mishra, Madhuri Dubey, Priya Banarjee,Ajvita Jumle, Pallavi Raipure and Pooja Wankhede.**

RESEARCH PAPER SUMMARY

> **-By Tanmay Patel**

Abstract:

Online event management system is an online event management system software project that serves the functionality of an event manager. The system allow only registered user login and new user are allowed to register on the application .This proposed to be a web application. The project provides most of the basic functionality required for an event type e.g. [marriage, Dance Show birthday party, etc.], the system then allows the user to select date and time of event, place and the event equipment. All the data is logged in the database and the user is given a receipt number for his booking. The data is then send to administrator (website owner) and they may interact with the client as per his requirement.

TITLE : EVENT MANAGEMENT SYSTEM: DESIGN AND IMPLEMENTATION USING AOP METHODOLOGY IN ECLIPSE-AJDT ENVIRONMENT

Author: AMITA SHARMA

RESEARCH PAPER SUMMARY

> **-BY Tanmay Patel**

Abstract:

Aspect-Oriented Programming (AOP) methodology has been investigated in the design and implementation of a representative Event Management System Software. Eclipse-AJDT environment has been used as open source enhanced IDE support for programming in AOP language – AspectJ. Twelve crosscutting concerns have been identified and modularized into highly cohesive modular units – aspects, thus reducing the complexity of the design due to elimination of code scattering and tangling. The impact of using this methodology on various quality factors of the software has been examined. The

study concludes that AOP methodology in Eclipse-AJDT environment can help in evolving efficient, cost-effective and quality 'Event Management System Software'.

TITLE: Event Notification System

Author: J Voos, G Riva, C Zerbini, C Centeno
Published in: January 2015

Research Paper Summary
 -By Jay Togadiya

Abstract:
        This paper presents a medical event notification system implementation using short message service (SMS) over the cellular network. The main objective is the announcement for vaccination campaigns and availability of a particular medical attention at health sites where these services are not regularly provided. In this way, it provides a tool that facilitates healthcare in remote locations without medical assistance infrastructure. Since the main requirement of these systems is to achieve its massive adoption, SMS service is used to guarantee reaching all recipients regardless of their mobile device technology.

TITLE: Events-Based Notification System for University's/ Collage Events.

Research Paper Summary
 -By Jay Togadiya

Abstract:
        Mobile phone plays a very important role in people life today; its functionality has been extended from voice communication only devices to internet surfing and data transfer. UUM as a higher education institute, hold and organize numerous events throughout the academic year and it relies on email communications for notifying its staff. Using the email notification to announce the staff for the function is suffering from two main problems which are: First, some of the staff do not check his/her email periodically, so they may miss read the notification email about the function and therefore they will not attend the function. Second, sometimes internet service is not available or staffs are at some place where they can not access internet which will lead also to make them unaware about the function or the notification about that function. This study has successfully designed and developed a notification system in order to be used by UUM to send the notifications direct to the staff mobile phones via SMS and thus helps in make sure that the notification is delivered to all interested staff. Successfully implementing this notification system in UUM will provide the university a reliable and convenient inter communication channel.

TITLE: Review on College Event Organizer

Author: Sandeep Misal, Sagar Jadhav , Tushar Jore , Archana Ugale**Published in: March 2017**

Research Paper Summary
 -By Ravi Pandya

Abstract:
       In these days almost every college is conducting technical / non-technical events where we can gain some knowledge by participating. College, which is conducting events, this project can be organizer for the various events offered by them. This provides college management to schedule events online and assign student volunteers for an event. Event Managers can upload information related to the event in the form of text, audio, video files. The students and participants can view these files online and download.

TITLE: An event based notification for delivery of patient medical information.

Author: Francisco P. Maturana, Juan L. Asenjo.
Published in: January 2015

Research PaperSummary
 -By Ravi pandya

Abstract:
       This paper proposes an architecture for an effective asynchronous notification of clinical documents. Our intention is to bridge the gap between primary and secondary care, and between the clinical personnel and the administrators. The proposed solution is based on a publish/subscribe service, properly extended to allow us to jointly notify collections of correlated documents. Moreover, it has been implemented by means of a web service-based platform in accordance with the Web Service Notification specification so as to obtain a solution easy to integrate and manage. A systematic analysis has been carried out to assess the suitability of the implemented solution to satisfy the requirements for notifying medical documents, and to evaluate the notification latency in different use conditions.

TITLE: Trend of Event Management Research

Author:Kwangsoo Park, Seunghyun Brain Park

Research Paper Summary
 -By Shruti Rana

Abstract:

In spite of increasing numbers of publications and newly established journals in event management, research topics and themes have not drawn much attention among event scholars. This research note reports on research trends in event management journals and makes suggestions for future research. A total of 463 research articles published in the four event management journals and 78 event management articles in the leading hospitality and tourism journals were collected. The results showed that topics for event studies have changed over time. Recent studies heavily focus on visitor experiences, investigating motivation, satisfaction, and behavioral intention, while past studies paid more attention to the economic impact of events or volunteer motivation.

TITLE: Events Management Research: State of the Art

Author: Rhodri Thomas

Research Paper Summary
 -By Shruti Rana

Abstract:

The articles in this special issue illustrate the richness and diversity of contemporary research associated with planned events. Based on the work submitted to the Global Events Congress, we have argued that they are the tip of a large iceberg. The volume and quality of work presented, and the vibrancy of the discussion that ensued, suggests that there are good reasons to be sanguine about the future prospects for events research. The papers also signal gaps in existing knowledge. Sometimes this is explicit but most often it is by inference. In so doing, they collectively highlight potentially productive avenues for future research activity by events scholars.

9:- PROTOTYPE
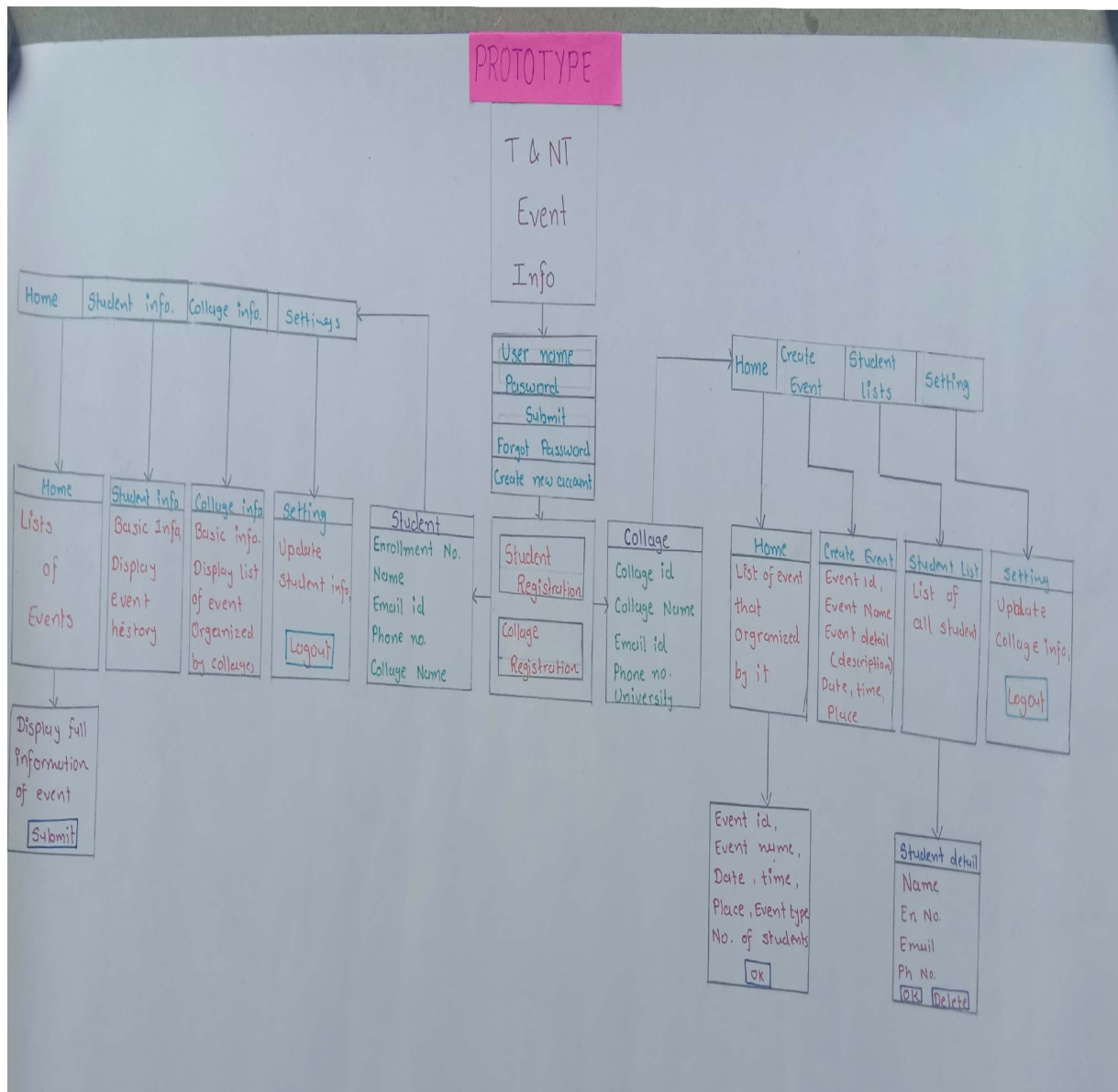
10:- PROJECT DEVLOPMENT

a. CODING:-

- Login Code:

```php
<?php
session_start();
$id=$_REQUEST['id'];
$password=$_REQUEST['password'];
$conn = new mysqli("localhost","root","","eventmain");

$len=strlen((string)$id);

if($len > 10)
{
$qry = "SELECT * FROM student_registration WHERE id='".$id."'
AND password='".$password."' limit 1;";
$res = mysqli_query($conn,$qry);
if(mysqli_num_rows($res)==1)
{
header("Location: StudentHome.php");
$_SESSION['id']=$id;
exit;
}
else
{
echo "Wrong Information";
}
}
else
{
$qry = "SELECT * FROM college_registration WHERE id='".$id."'
AND password='".$password."' limit 1;";
$res = mysqli_query($conn,$qry);
if(mysqli_num_rows($res)==1)
{
header("Location: CollegeHome.php");
$_SESSION['id']=$id;
exit;
}
else
{
echo "Wrong Information";
}
}
?>
```

- Registration Code:

```php
<?php

    $enno=$_REQUEST['senrlno'];
    $fname=$_REQUEST['sfname'];
    $lname=$_REQUEST['slname'];
    $mobno=$_REQUEST['smobno'];
    $email=$_REQUEST['semail'];
    $clgename=$_REQUEST['sclgename'];
    $password=$_REQUEST['spassword1'];
    $uniqueid=$fname.$enno;

    $conn = new mysqli("localhost","root","","eventmain");

    $qry1="INSERT INTO student_registration (id, fname, lname,
phno, email, clgname, password) VALUES ('".$enno."',
'".$fname."', '".$lname."', '".$mobno."', '".$email."',
'".$clgename."', '".$password."');";
    $insert=mysqli_query($conn, $qry1);

    if($insert === true)
    {
        $qry2="CREATE TABLE student_info.".$uniqueid." ( id
INT(10) AUTO_INCREMENT PRIMARY KEY , eventid INT(10) NOT NULL
, eventname VARCHAR(20) NOT NULL , eventcollege VARCHAR(30)
NOT NULL , eventdate DATE NOT NULL , currenttime DATETIME NOT
NULL DEFAULT CURRENT_TIMESTAMP );";
        $cretable=mysqli_query($conn, $qry2);
        if($cretable === true)
        {
            echo "Error: ".$qry2."</br>".$conn1->error;
        }

        $qry3="ALTER TABLE student_info.".$uniqueid." ADD
CONSTRAINT fkeventid FOREIGN KEY ( eventid ) REFERENCES
event_master ( id );";
        $addcons1=mysqli_query($conn, $qry3);
        if($addcons1 === false)
        {
            echo "Error: ".$qry3."</br>".$conn1->error;
        }
        header("Location: login.html");
    }
    else
    {
        echo "Error: ".$ins."</br>".$conn->error;
    }
    exit;
?>
```
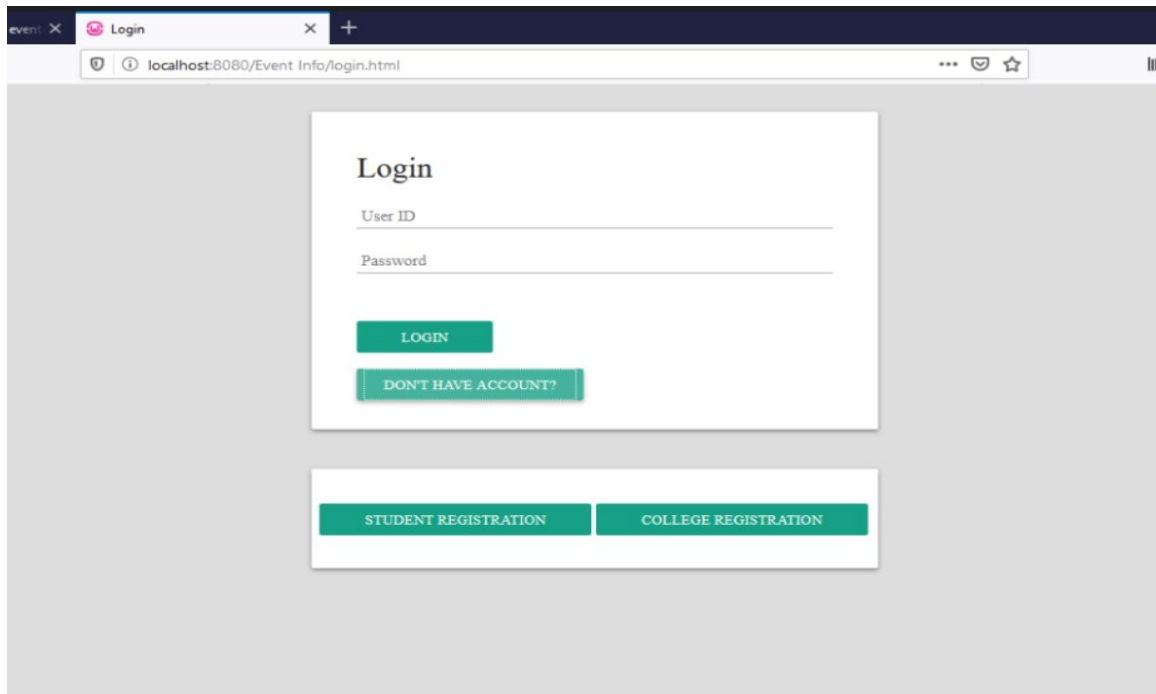
b. Web Page:-

- Login Page:
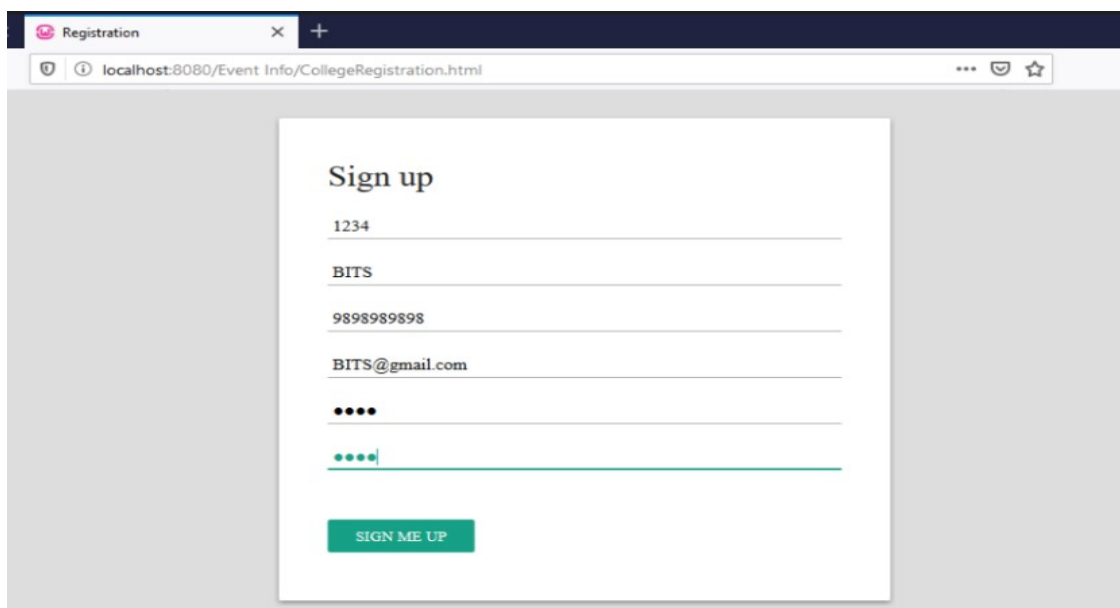
- Collage Registration Page:

- Student Registration Page:

- Collage Home Page:

- Student My Event Page:

- Collage Home View Page:

- Collage Create Event:
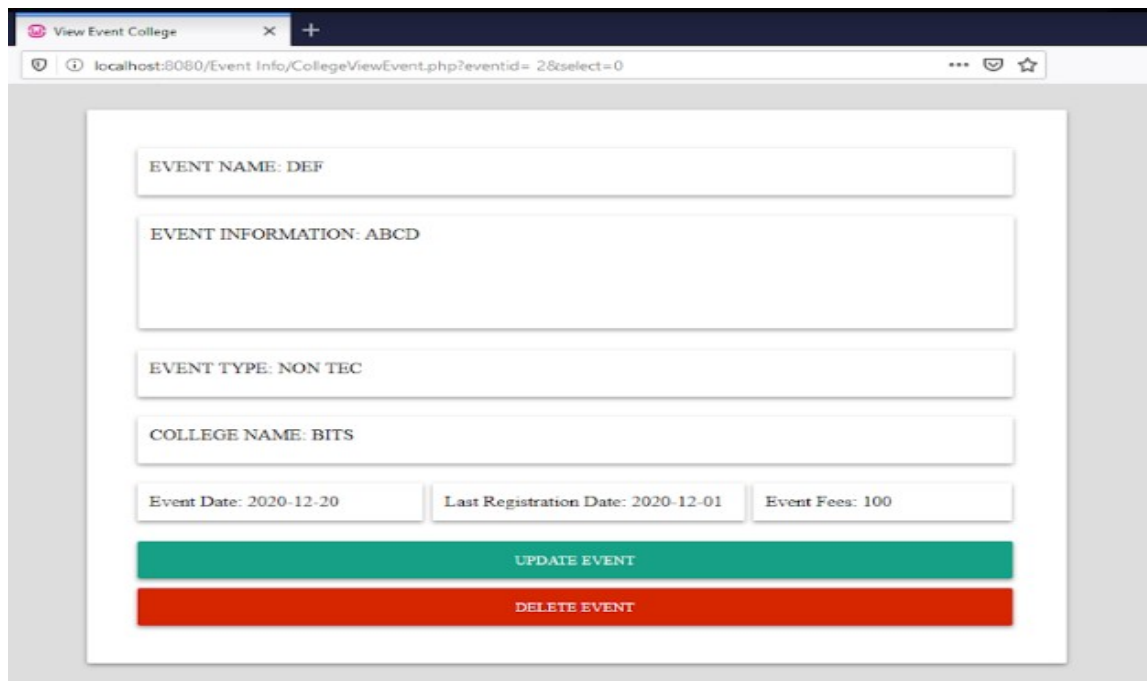
- College View Event:

- Collage Update Event:
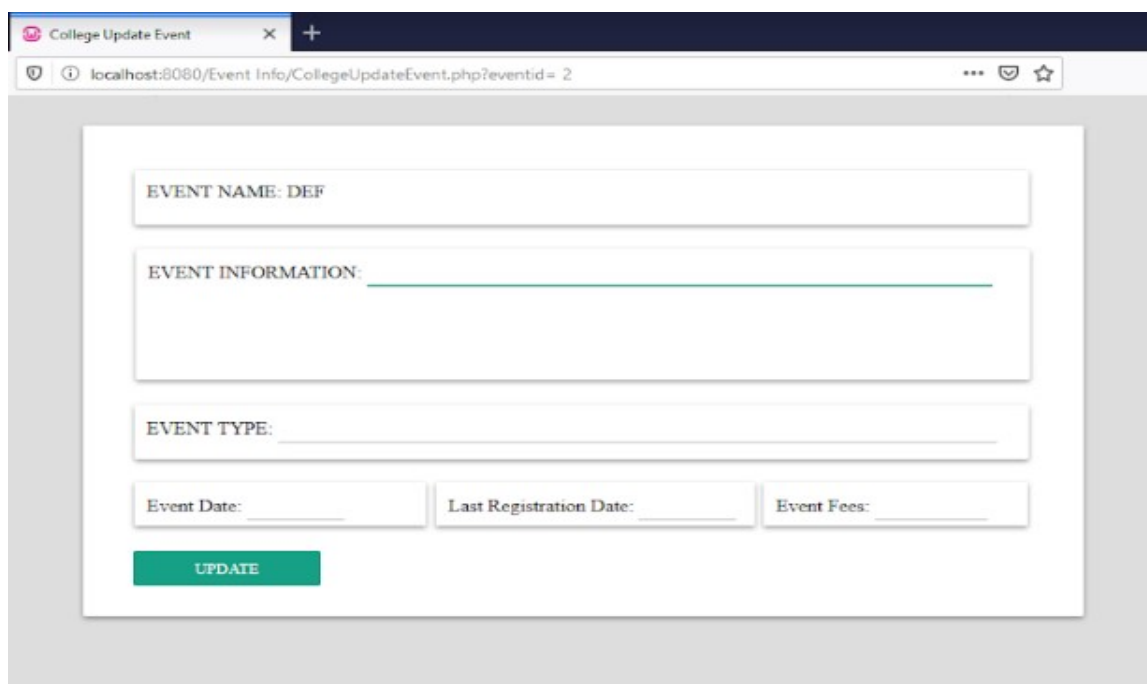
11:-CONCLUSION

By making this website we can solve problem of providing information about particular event to students.

Student can get information without being misguided.

12:- References

We are using following websites for research:

- http://www.ijtrd.com/papers/IJTRD5392.pdf
- https://www.researchgate.net/publication/50392015_EVENT_MANAGEMENT_SYSTEM_DESIGN_AND_IMPLEMENTATION_USING_AOP_METHODOLOGY_IN_ECLIPSE-AJDT_ENVIRONMENT
- https://iopscience.iop.org/article/10.1088/1742-6596/477/1/012015
- https://pdfs.semanticscholar.org/90e4/8af809508c8d62a3a1c6286baa2332588546.pdf
- https://www.irjet.net/archives/V4/i3/IRJET-V4I3121.pdf
- https://www.sciencedirect.com/science/article/abs/pii/S0306437913000987
- https://www.researchgate.net/publication/301334692_Topic_Trend_of_Event_Management_Research
- https://www.researchgate.net/publication/262895335_Events_Management_Research_State_of_the_Art

GUJARAT TECHNOLOGICAL UNIVERSITY

CERTIFICATE FOR COMPLETION OF ALL ACTIVITIES AT ONLINE DESIGN PORTAL

SUBJECT : DE2B-2160001

B.E. SEMESTER VI, ACADEMIC YEAR 2020-2021

Date of certificate generation : 25 April 2020 (13:49:01)

This is to certify that, *RANA SHRUTI NALINKUMAR* (Enrolment Number - 180053107020) working on project entitled with *T&NT EVENT INFO* from *Computer Engineering* department of *BABARIA INSTITUTE OF TECHNOLOGY, VARNAMA* had submitted following details at ONLINE OPEN DESIGN SCHOOL PORTAL.

AEIOU & Mind Map Canvas	Completed
Empathy Canvas	Completed
Ideation Canvas	Completed
Product Development Canvas	Completed
Prototype	Completed
Report	Completed

Name of Student :   R A N A   S H R U T I   NALINKUMAR

Name of Guide :   Ms.Makwana Pragna   Navinchandra

Signature of Student : _____

*Signature of Guide : _____

Disclaimer :

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*Guide has to sign the certificate, Only if all above activities has been Completed.

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Date of certificate generation : 25 April 2020 (13:50:13)

This is to certify that, *PANDYA RAVI BHARATBHAI* (Enrolment Number - 180053107503) working on project entitled with *T&NT EVENT INFO* from *Computer Engineering* department of *BABARIA INSTITUTE OF TECHNOLOGY, VARNAMA* had submitted following details at ONLINE OPEN DESIGN SCHOOL PORTAL.

AEIOU & Mind Map Canvas	Completed
Empathy Canvas	Completed
Ideation Canvas	Completed
Product Development Canvas	Completed
Prototype	Completed
Report	Completed

Name of Student :   P A N D Y A   R A V I   BHARATBHAI

Name of Guide :   Ms.Makwana   Pragna   Navinchandra

Signature of Student : _____

*Signature of Guide : _____

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Date of certificate generation : 22 April 2020 (13:39:06)

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AEIOU & Mind Map Canvas	Completed
Empathy Canvas	Completed
Ideation Canvas	Completed
Product Development Canvas	Completed
Prototype	Completed
Report	Completed

Name of Student :   P A T E L   T A N M A Y   HEMANTBHAI   Name of Guide :   M s . M a k w a n a   P r a g n a Navinchandra

Signature of Student : _____   *Signature of Guide : _____

Disclaimer :
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CERTIFICATE FOR COMPLETION OF ALL ACTIVITIES AT ONLINE DESIGN PORTAL
SUBJECT : DE2B-2160001
B.E. SEMESTER VI, ACADEMIC YEAR 2020-2021

Date of certificate generation : 22 April 2020 (14:34:56)

This is to certify that, *TOGADIYA JAY VALLABHBHAI* (Enrolment Number - 180053107506) working on project entitled with *T&NT EVENT INFO* from *Computer Science & Engineering* department of *BABARIA INSTITUTE OF TECHNOLOGY, VARNAMA* had submitted following details at ONLINE OPEN DESIGN SCHOOL PORTAL.

AEIOU & Mind Map Canvas	**Completed**
Empathy Canvas	**Completed**
Ideation Canvas	**Completed**
Product Development Canvas	**Completed**
Prototype	**Completed**
Report	**Completed**

Name of Student :   T O G A D I Y A   J A Y   VALLABHBHAI   Name of Guide :   M s . M a k w a n a   P r a g n a   Navinchandra

Signature of Student : _____   *Signature of Guide : _____

Disclaimer :
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*Guide has to sign the certificate, Only if all above activities has been Completed.