GUJARAT TECHNOLOGICAL UNIVERSITY
Chandkheda, Ahmedabad.
Affiliated

GOVERNMENT ENGINEERING COLLEGE
BHAVNAGAR
A PROJECT ON

Village infrastructure and benefits e-notifications(VIBEN)

B.E., SEMESTER-4

TEAM ID:-157572

Computer Engineering

Submitted By:-

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Project guide   Head Of Department

Prof.K.P.Kandoriya   Prof.K.P.Kandoriya

ACADEMIC YEAR

(2019-20)

GOVERNMENT ENGINEERING COLLEGE
BHAVNAGAR

CERTIFICATE

Date:-05/04/2019

This is to certify that the subject entitled "Village infrastructure and benefits e-notifications"

has been carried out by RatandhayaraKhyatiDhirajlal (170210107051)under my guidance in fulfilment of the project of Design Engineering – 1B in C.E. (4thSemester) of Gujarat Technological University, Ahmedabad during the academic year 2019-20.

Guided by:-   Head Of Department

Prof.K.P.KandoriyaProf.K.P.Kandoriya

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1. Introduction

- My project Name is village infrastructure and benefits e-notification
- It will be Mostly used For village peoples.
- We will make a website which notify village people.

2. Mind Mapping Canvas:-

- In mind mapping canvas I have to put all that things which I want to do in my project specifically.
- Here in picture I saw that mind mapping canvas.

(Figure of Mind mapping)

- **3.AEIOU CANVAS**

- In AEIOU canvas I have note the Environment in which the product is to be used.

- Activities: - problem management, provide flexibility, availability management, reduce risk, notification access, customer satisfaction etc.

- Users:- notificatio1n provider, notification manager, security manager

(Figure of AEIOU canvas)
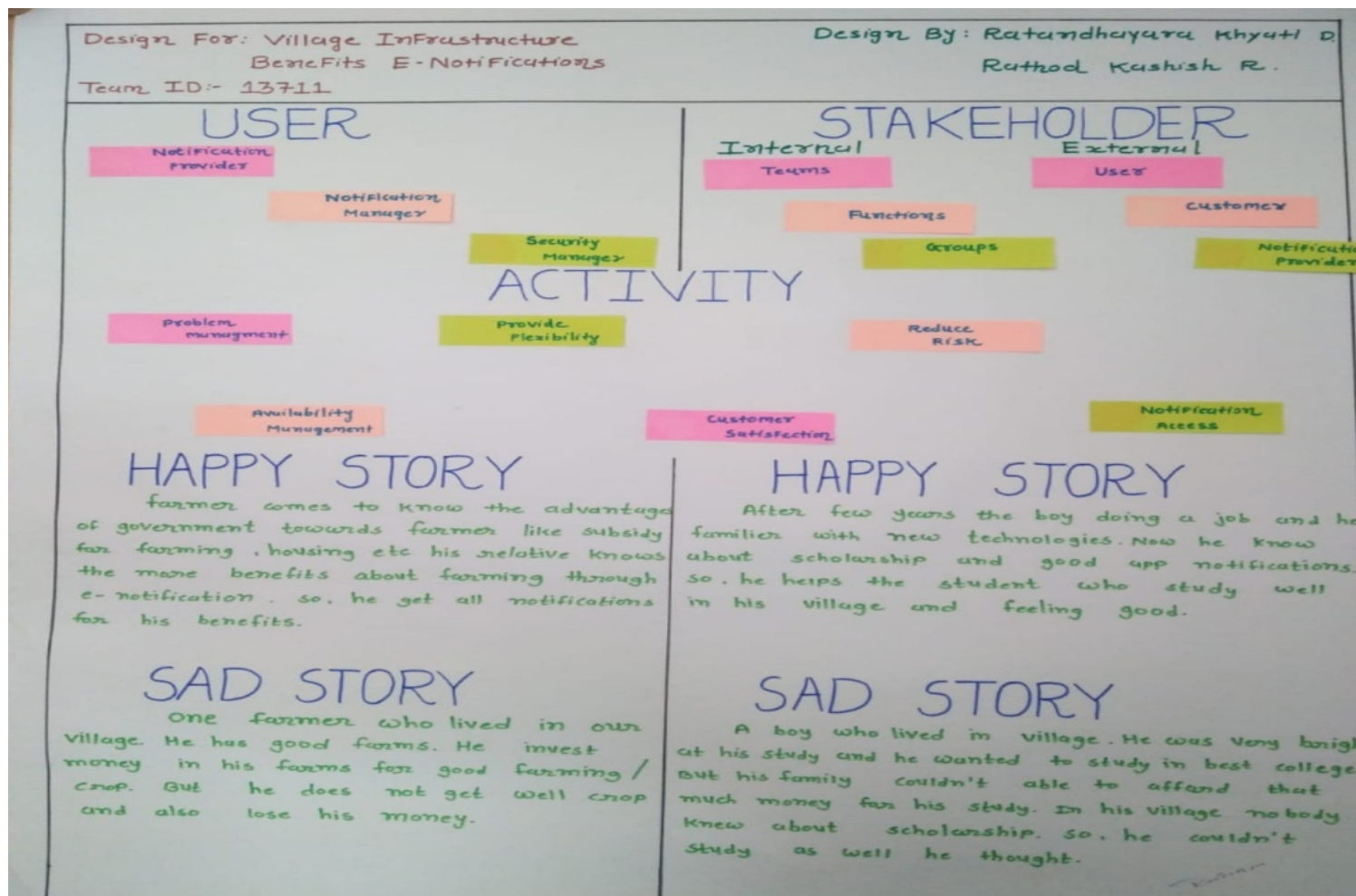
3. Empathy Mapping Canvas

- At this stage I have discover & learn that villagers has to know information about scholarship,loans etc.

    - empathies : understand your user
    - List user activities

Why use an empathy map:-

How to use an empathy map Good design is grounded in a deep understanding of the person for whom you are designing. Designers have many techniques for developing this sort of empathy. An Empathy Map is one tool to help you synthesize your observations and draw out unexpected insights.

- Stakeholders: - Disable People, Needy People etc.

Activities: - will communicate with the customers talk with them, guide them, etc.

(Figure of empathy canvas)

4. 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.

(Figure of ideation canvas

5. Product Development:-

- product development canvas is the ground where in the best possible ideas after the ideation session speedyA communication.

Describing user feelings:- It is very useful , it guides you properly, helps you nurtured to develop.

- People :- student, teacher are pitched and ,farmer .
- purpose:-subsidy, loans scholarships, government yojana.
- Product/service experience:-speedy communication.

(Figure of product development)

7.Learning need matrix(LNM)

LNM will help us to identify the learning requirement that are much needed in provide notification. Also helps to justify-

- Application process involved:-Database management system(SQL), Android studio.

- Applicable standards and design specification:-Interface designing, farmer data is stored at government server.

- Component materials & strength criteria:-Qualification, field selection

- Software tools:-HTML-5, CSS-3, PHP, JAVA, XML.

(figure of LNM)

CONCLUSION:

In this applications we are providing very useful polices to that villagers and students like for farmer we will give notification of subsidies , information related to agriculture etc. and for students we give notifications for scholarships, for there further studies more information for their good studies.