GUJARAT TECHNOLOGICAL UNIVERSITY

Centre for Industrial Design (Open Design School)

DESIGN ENGINEERING

CONTINUOUS ASSESSMENT CARD

COLLEGE NAME: VADODARA INSTITUTE OF ENGINEERING	
COLLEGE CODE:	
SUBJECT NAME: DESIGN ENGINEERING	
SUBJECT CODE:	SEMESTER: 4th
BRANCH: IT	ACADEMIC YEAR: 2020

TEAM NAME:		TEAM ID:
PROJECT TITLE/DOMAIN: FACE DETECTION		

SR. NO.	TEAM MEMBER'S NAME	ENROLLMENT NO.
	PRATEEK .R. KUSHWAHA	180800116010
	PRITHKUMAR FARASWAMI	180800116005
	VIHAR .R. PATEL	180800116023

INTERNAL GUIDE NAME:
INTERNAL GUIDE SIGN:

Head of Department   College Seal

<u>MONTHLY ASSESSMENT - I</u> (Observation, Empathy and Define Phase) (DATE :___/___/___)

1. Why students/team have taken above mentioned domain? (Please specify the reason)
    (Note: For more content or information, one may attach additional pages to this card.)
    The reason behind taking the above domain is , because our project resolve around the
    detecting the face and helping our customer with it , as our will product can be very much
    usefull in the , place's where there is too much croud .
    _____

2. How frequently student team has gone for observation on field, mention with date, place, time etc.? Which are the key observations that they have noticed?
    MG moters - 1/2/2020 near GIDC halol -- obs - they are easily maniging the labors
    V-M SCHOOL-25/1/2020 opposite yamuna store -- obs - now paper is less used due to automation
    National plaza - 27/12/2019 near bus stand --obs -easily maintaince of the customers .
    _____

3. A. How many interactions/interviews team members have done?
    As the team our interaction with the stakeholdes were around 2-4 per week and with the
    user our interaction was 4-5 per week
    _____

    B. Who are the user and various stakeholders on domain? Describe their persona (Name, age, occupation/education, roles and responsibility etc.)
    Shri Pramod Kumar -IPS/RR 1983 -B.Sc., LL.B. (Haryana) PGPPM-I.I.M. (Banglore)- Director General
    Shri A. K. Patnaik-CEO of NATGRID -M.A. (Economics)
    Shri Shivanand Jha -GITHUB developer - IT ENGINEERING (SVIT)

    C. List out the questions asked by team while having observation and interview?
    q-1 how our product deals with the situation at the critical situation ?
    q-2 Do it reduced the work ,If yes then what is the percentage ?
    q-3 Where our product lags ?

4. What is something special/random/unusual (i.e. activity, environment, interaction, object or user) team have observed at the domain? Please elaborate the conditions with photographs if available.

SITUATION1- At railway station there are the coolies which are having the criminal charges and they are using the fake coolie batches for the purpose .

SITUATION 2- At the factory side the workers have been doing there work without any flaw after implementing our product .

SITUATION3- In school less paper are required for the attendence sheet and more time is saved and the teacher are more focusing on the betterment on the studies of the student

SITUATION4- public & private places are getting more cleaner as the public are exposed to the camera

5. Enlist any five major problems observed by your team in the respective domain. Mention any one for which you have empathize user the most and which might become your problem statement. Give reasons of selection of particular problem/issue based on empathy.

1- updating the data base and it is very hard to maintain and update the data continuously .
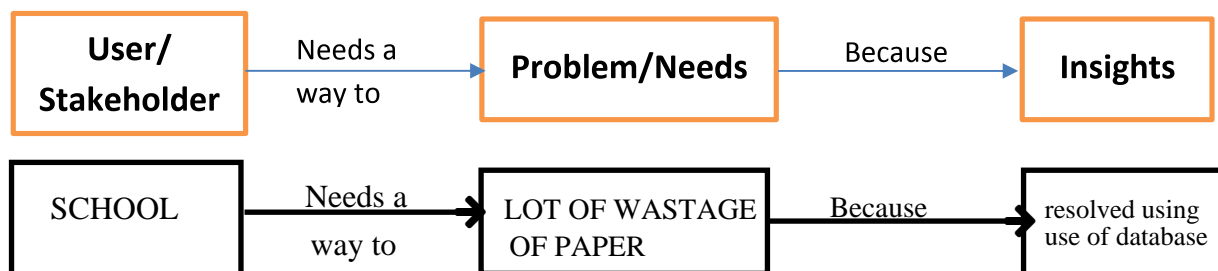
2- If there is low visibity of the light there is error it the , visual of the camera .

3- It need the technical person for the operation of the software .

4- It need some of the training , besides the industrial training .

5- It is connected to the internet there are chances of teh data leak aor getting hacked .

6. Define your "PROBLEM DEFINITION" for the project as per below format. Which might be refine till end of Ideation phase if you wish.

User/ Stakeholder	Needs a way to	Problem/Needs	Because	Insights
SCHOOL	Needs a way to	LOT OF WASTAGE OF PAPER	Because	resolved using use of database

SUGESTIONS BY INTERNAL GUIDE:

AEIOU CANVAS SUGGESTIONS:
EMPATHY CANVAS SUGGESTIONS:
MIND MAPPING SUGGESTIONS:
GENERAL SUGESTIONS:
Overall Mark (Out of 05):

GUIDE SIGNATURE:
Date: