GUJARAT TECHNOLOGICAL UNIVERSITY

Centre for Industrial Design (Open Design School)

DESIGN ENGINEERING

CONTINUOUS ASSESSMENT CARD
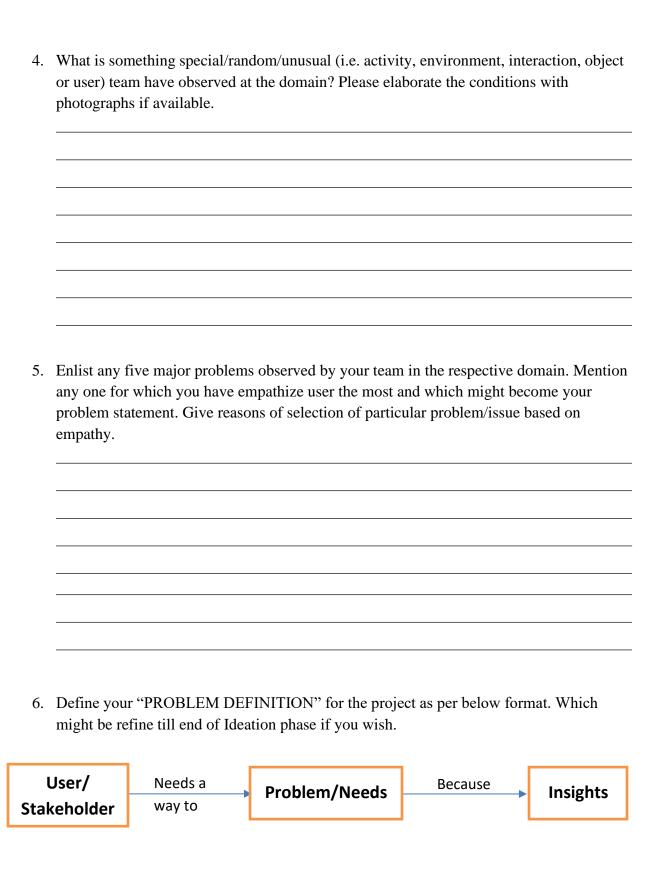
COLLEGE NAME:	
COLLEGE CODE:	
SUBJECT NAME:	
SUBJECT CODE:	SEMESTER:
BRANCH:	ACADEMIC YEAR:

TEAM NAME:		TEAM ID:
PROJECT TITLE/DOMAIN:		

SR. NO.	TEAM MEMBER'S NAME	ENROLLMENT NO.

INTERNAL GUIDE NAME:
INTERNAL GUIDE SIGN:

Head of Department   College Seal

MONTHLY ASSESSMENT - I (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.)

   _____

   _____

   _____

   _____

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?

   _____

   _____

   _____

   _____

3. A. How many interactions/interviews team members have done?

   _____

   _____

   _____

   B. Who are the user and various stakeholders on domain? Describe their persona (Name, age, occupation/education, roles and responsibility etc.)

   _____

   _____

   _____

   C. List out the questions asked by team while having observation and interview?

   _____

   _____

   _____

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.

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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.

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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 |

SUGESTIONS BY INTERNAL GUIDE:

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

GUIDE SIGNATURE:
Date:

MONTHLY ASSESSMENT – II (Ideation and Product Development Phase)
(DATE : ___/___/___)

1. Explain briefly Ideation thought process and efforts of your team to reach ideas for listed problems.

   _____
   _____
   _____
   _____

2. Enlist any five effective ideas to address the probable listed problems with reason.

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   _____
   _____
   _____
   _____

3. Explain the most effective possible solution proposed for the problem.

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   _____
   _____
   _____
   _____

4. Explain the features, functions and working principles/technology/pattern of your proposed solution.

   _____
   _____
   _____
   _____

5. Enlist major advantages and disadvantages (atleast three) of the proposed solution.

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6. Briefly mention refinement on PDC based on User/Stakeholder's feedback on your concept.

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SUGESTIONS BY GUIDE:

IDEATION CANVAS SUGGESTIONS:
PRODUCT DEVELOPMENT CANVAS SUGGESTIONS:
LEARNING NEEDS MATRIX SUGGESTIONS (in case of 4th sem and onwards):
GENERAL SUGGESTIONS:
Overall Mark, considering assessment I (Out of 05):

GUIDE SIGNATURE:
Date:

<u>MONTHLY ASSESSMENT -III</u> (Detail Design, Prototype and Test phase)
(This assessment shall be done by another guide of department or
interdepartmentally along with guide) **(DATE :___/___/___)**

1. Which theoretical subjects/concepts are involved with your project? How it is useful to
    your project?

    _____
    _____
    _____
    _____

2. Which software/design tool/Skills you have learned/applied during the project? Explain
    the features of it.

    _____
    _____
    _____
    _____
    _____
    _____

3. Explain the prototype/model prepared by the student/team.

    _____
    _____
    _____
    _____
    _____
    _____
    _____

4. What are the materials, technology, things have utilized to make the prototype/model?

    _____
    _____
    _____
    _____
    _____

5. How many Iterations have you done to reach final solution? Explain modification/revise parameters/characteristics for each iteration.

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6. What is the scope of the project? How you are planning to implement it in future?

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7. List out the resources utilized for DE project? (GTU Resources, IDEALab/DIC machinery, Research Centers, etc.)

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SUGESTIONS BY EVALUATOR:

PROTOTYPE/MODEL SUGGESTIONS:
GENERAL SUGESTIONS:
Overall Mark, considering assessment I & II (Out of 10):

Department/Interdepartmental Evaluator name and sign:
Guide sign:
Date:

FINAL ASSESSMENT AT THE END OF SEMESTER

EVALUATOR MEMBERS DETAILS:

NAME	INSTITUTE & DEPARTMENT	SIGN.
1.		
2.		
3.		

ASSESSMENT SUMMARY:

CONTINUOUS ASSESSMENT SUMMARY:	MARKS OBTAINED
MONTHLY ASSESSMENT - I	
MONTHLY ASSESSMENT - II	
MONTHLY ASSESSMENT - III	
TOTAL (Out of 20)	
FINAL EVALUATION/VIVA MARKS (Out of 80)	
TOTAL (Out of 100)	

EXAMINER COMMENTS/SUGGESTIONS:

DATE:

INTERNAL GUIDE SIGN   **HOD SIGN**   **COLLEGE SEAL**