



ELPID

E-learning Platform
for Innovative
Product Development

TEMPLATES FOR STUDENTS

2nd Phase Report Template

October, 2020



ELPID 2020 course

Team name

Phase # report

Coach(es):

Coach 1

Coach 2

Team members:

Team member 1

Team member 2

Team member 3

Team member 4

Team member 5

Team member 6

Team member 7

Team member 8

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SUMMARY:

1 Introduction

- Briefly describe the chosen directions based on company comments
- Give a brief overview of the report (what is written in each section)

2 Problem clarification and partial solutions

- Problem clarification (network of problems, functional decomposition etc.)
- Make sure that subproblems (or functions) are identified
- Write general list of initial functional requirements (final technical requirements will be identified at the beginning of the next phase)

2.1 Identified solutions for each problem

- Use methods for solution search (Design by analogy, problem solving strategies, dealing with conflicting requirements (TRIZ), ...)
- Demonstrate how solutions would respond to the identified functions (Morphological chart, ...)

3 Concept development

- Provide concept overview

3.1.1 Concept 1

- Provide a general description of the concept
- Write specific concept requirements
- Provide visual explanation of the concept (detailed sketch, simple 3D model). Briefly explain what are main advantages and disadvantages of this concept.

3.1.2 Concept 2

- Provide a general description of the concept.
- Write specific concept requirements
- Provide visual explanation of the concept (detailed sketch, simple 3D model). Briefly explain what are main advantages and disadvantages of this concept.

3.1.3 Concept 3

- Provide a general description of the concept.
- Write specific concept requirements
- Provide visual explanation of the concept (detailed sketch, simple 3D model). Briefly explain what are main advantages and disadvantages of this concept.

3.1.4 Concept evaluation

Prepare the selection matrix (or other principle of concept evaluation)

After the criteria are entered, the team adds importance weights to the matrix. Several different schemes can be used to weight the criteria, such as assigning an importance value from 1 to 5, or locating 100 percentage points among.

4 Conclusions

- Summarize the results of 2nd phase, state which is your preferred concept and why
- Write future directions

5 References

- Insert Bibliography (all the references which you used throughout the text)
- Hint: you can use Mendeley or similar referencing tools