



IMAGINATION TO REALITY

CATEGORY

SELECTION: ENGINEERING NOTEBOOK

BAKU 2025

Engineering notebook: requirements and structure

1. General team information

Team Name: _____

Team Members:

1. _____

2. _____

Mentor:

School:

Date:

Project topic:

2. Project title and objective

Project title: _____

Project objective:

3. Design sketches

Preliminary sketches:

(Preliminary concept designs and idea sketches created either by hand or digitally)

Alternative design approaches:

(Other possible alternatives evaluated for selecting the best solution)

Mechanical approach:

(The physical principles underlying the model's construction, including load-bearing capacity, stability, and functionality)

4. Technical methods and materials used

Material selection and justification:

(Reasons for the selection and suitability of the main and auxiliary materials used)

Chassis and structural materials:

(Selection of structural elements based on durability and functionality)

Tools and equipment used:

Manufacturing processes and technical sequence:

(The actual production process of the project: design → cutting → assembly and testing)

5. Project implementation plan, improvement, and evaluation

Implementation plan:

(Project timeline, sequence of completed tasks, and task distribution)

Testing and improvement:

(Model testing, encountered challenges, and technical solutions)

Improvements and modifications:

(Corrections and new approaches made based on the obtained results)

Results and recommendations for the future:

(Final evaluation of the project, potential development opportunities, and recommendations.)
