

SITE 1101 - Project 1: How does hardware work?

Team 3

In this project, we explored how hardware works by building basic logic gates using transistors and simple electronic components. We turned theoretical concepts into real, functioning circuits and showed how fundamental digital logic operates in practice.

Team Member	Contribution (%)	What was done?
Farhad Aliyev (Leader)	29%	<ul style="list-style-type: none">- Distribution of works between team members- Coordinating Lab works- Building logic gates: OR, NOT, NAND, XOR gates- Taking videos- Editing Video
Elvin Aghabalayev	29%	<ul style="list-style-type: none">- Building logic gate: AND, NAND- Taking Videos of Introduction and Building Process- Organizing with other teams for bonus assignments- Voicing NOT gate in the video
Faiq Tahmazov	21%	<ul style="list-style-type: none">- Participating in collaboration with other teams in constructing XOR gate- Voicing OR gate in the video
Huseyn Khalilov	21%	<ul style="list-style-type: none">- Participating in the building process of OR gate- Helping little in video editing- Voicing AND gate

Link to the video: <https://youtu.be/qXLAJXEoXoA>

Teams collaborated in bonus assignments:

- **XOR:** Team 9, Team 7, Team 8
- **NAND:** Team 9