

Final Rolling Project – HTML & CSS with Artificial Intelligence

🎯 Project Goal

In this project, students will build a complete website step by step (Rolling Project), inspired by the final design shown in the presentation (final.css.pptx), and using the provided assets available in the Google Drive link:

<https://drive.google.com/drive/folders/1JOCHXeDXHbW23IK2aKg3rnLNS6Ztv52q?usp=sharing>.

Students will work in a Human + AI collaboration model, using tools like ChatGPT, GitHub Copilot, or Claude to generate, improve, and explain code — while ensuring they understand, review, and fix what the AI produces.

🤖 AI Learning Principles

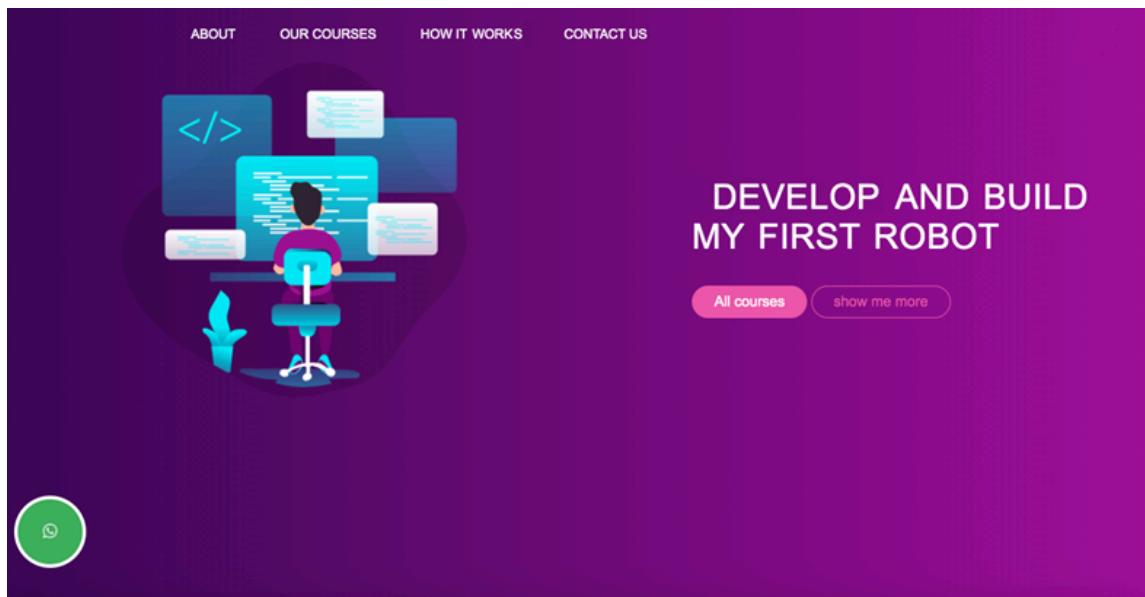
- Use AI as a learning partner, not as a copy-paste generator.
- Each phase includes a 'Chat with AI' step – where students prompt, analyze, and refine.
- Students must demonstrate critical thinking: understanding why the AI suggested something.
- In the final submission, include a short reflection on AI usage:
"In this phase I used AI to ____ it suggested ____, and I improved it by ____."

[Download Assets](#)

10 Rolling Project Phases

Phase 1 – Website Structure (Basic HTML)

Build the initial HTML skeleton. Create index.html with header, main, footer, title, and one image from assets. AI prompt: 'Write basic HTML code for a landing page with a title and background image.'



Phase 2 – Create and Link the CSS File

Connect HTML with CSS and add basic styling. AI prompt: 'Suggest a clean color palette and generate matching CSS code.'

OUR STUDY TRACKS

We will tell you about our courses in the field of robotics We will tell you about our courses in the field of robotics We
will tell you about our courses in the field of robotics We will tell you about our courses in the field of robotics



THE VISION

Allow each and every person to learn through, Thinking and developing the ability to create



THE MISSION

Allow creators and product developers Physical to be one of the world leaders in



WE SUGGEST

Allow creators and product developers Physical to be one of the world leaders in



WE STRIVE

Provide expertise that will help entrepreneurs, teachers, companies and associations

Phase 3 – 'About' Section

Add semantic structure and layout with text and image. AI prompt: 'How can I position text and an image side-by-side using Flexbox?'

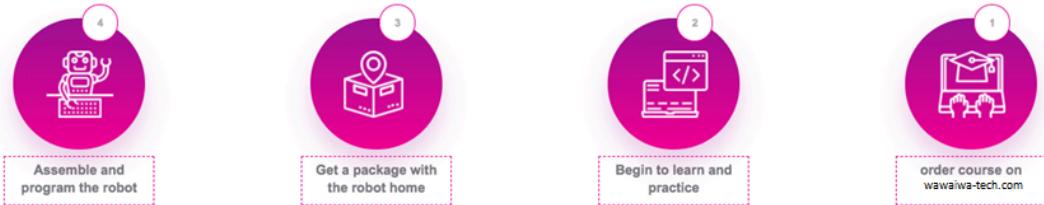
OUR ROBOTS



Phase 4 – 'Services' Section

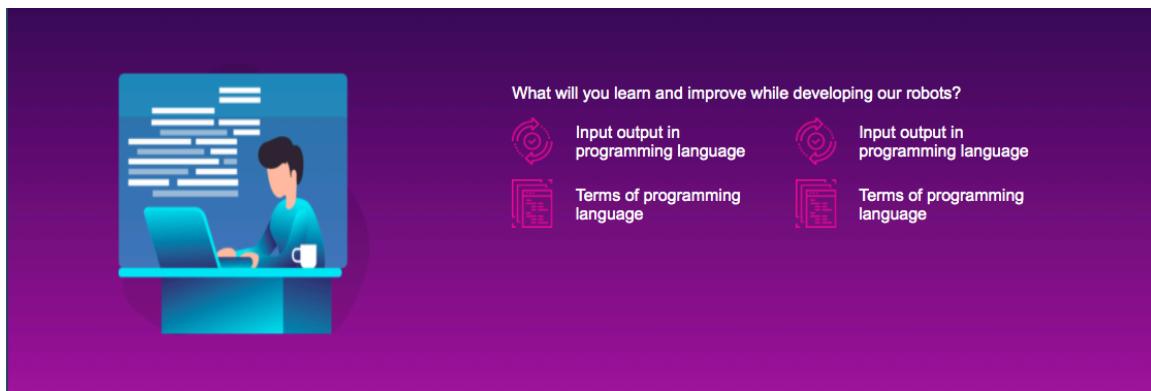
Add 3 service boxes with icons, titles, and descriptions. AI prompt: 'Write CSS for three service cards with equal spacing and a smooth hover effect.'

HOW IT WORKS



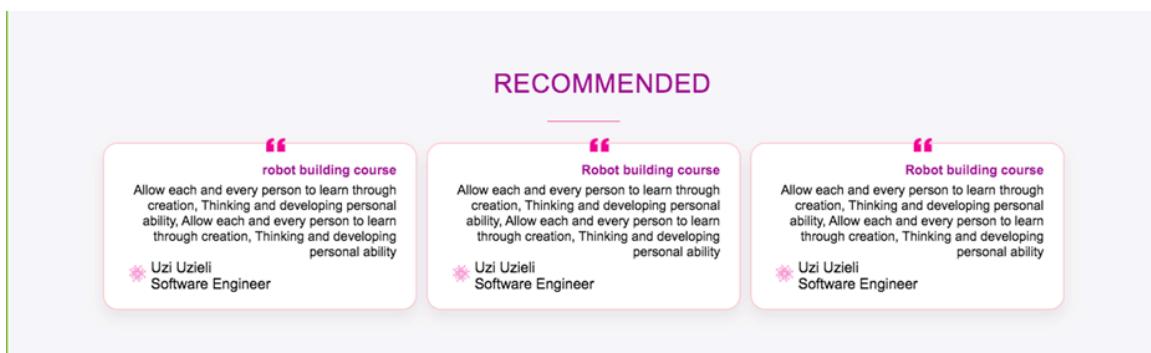
Phase 5 – Gallery / Portfolio

Add 6 images using CSS Grid. AI prompt: 'Create a 3x2 image gallery using CSS Grid with equal spacing and rounded corners.'



Phase 6 – Contact Section

Add a form with name, email, and message fields, styled with a white background. AI prompt: 'How can I center a contact form with Flexbox and add a hover effect to the button?'



Phase 7 – Navigation Bar (Navbar)

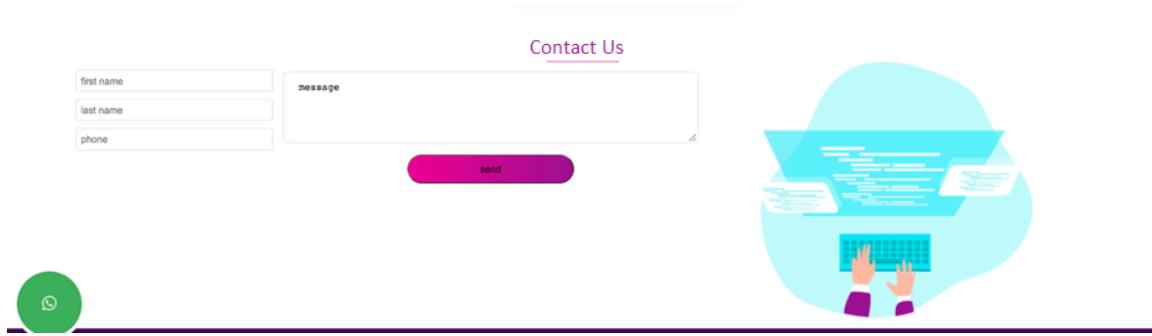
Add a navigation bar with internal links, fixed at the top. AI prompt: 'Generate a transparent navbar that changes color after scrolling.'

START LEARNING AND DEVELOPING ROBOTS TODAY

The image shows three rectangular call-to-action boxes arranged horizontally. Each box has a purple gradient background and white text. The first box on the left says 'Monthly for the entire site' with a price of '40 NIS / month'. It lists three benefits: 'Access to all courses', 'Personal support', and 'Feedback on the works', each preceded by a radio button. Below this is a 'Sign up now' button. The middle box is labeled 'recommended' and says '399 Monthly for the entire site' with the same price. It also lists the three benefits with radio buttons and a 'Sign up now' button. The third box on the right says 'Monthly for the entire site' with a price of '40 NIS / month'. It lists the same three benefits with radio buttons and a 'Sign up now' button.

Phase 8 – Animations & Effects

Add hover transitions and one CSS animation. AI prompt: 'Write CSS keyframes for a 2-second fade-in animation on a heading.'



Phase 9 – Footer

Add footer with copyright and social icons. AI prompt: 'Design a centered dark footer with white text and small social icons.'



Phase 10 – Mobile Responsiveness

Add media queries for smaller screens. AI prompt: 'How can I turn my Flexbox row into a single column on mobile devices?'

RECOMMENDED

Robot building course

Allow each and every person to learn through creation, Thinking and developing personal ability. Allow each and every person to learn through creation, Thinking and developing personal ability

Uz Uzel Software Engineer

Robot building course

Allow each and every person to learn through creation, Thinking and developing personal ability. Allow each and every person to learn through creation, Thinking and developing personal ability

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Monthly for the entire site

40 NIS / month

- Access to all courses
- Personal support
- Feedback on the works

Sign up now

What will you learn and improve while developing our robots?



Input
output
in
programmi
language



Input
output
in
programmi
language

Terms
of
programmi
language

Terms
of
programmi
language

Contact Us

first name

message

last name

phone



send

Home page





Contact us

All rights reserved

Final Submission

Submit a folder containing:

- index.html
- style.css
- images/ folder (from the assets)
- ai_usage.txt (3–5 sentences explaining AI use, suggestions, and manual improvements)



Grading Rubric

Category	Points
Correct and Semantic HTML	20
Professional and Consistent CSS	20
Proper use of Flexbox/Grid	15
Full Responsiveness (Mobile Support)	15
Intelligent and Responsible AI Usage	20
Reflection & Critical Thinking	10