Project initial plan

Title of the website: SmartCity: A Guide to Sustainable Living

Short description of the website

- **Subject Content:** An educational website dedicated to sustainable living in an urban environment. It features 5 core modules: Energy, Waste, Water, Transport, and Lifestyle, offering practical tips and guides for adopting eco-friendly habits in daily city life.
- **Target Audience:** Urban residents, students, and homeowners aged 18-45 who are interested in reducing their carbon footprint but need guided, practical advice.
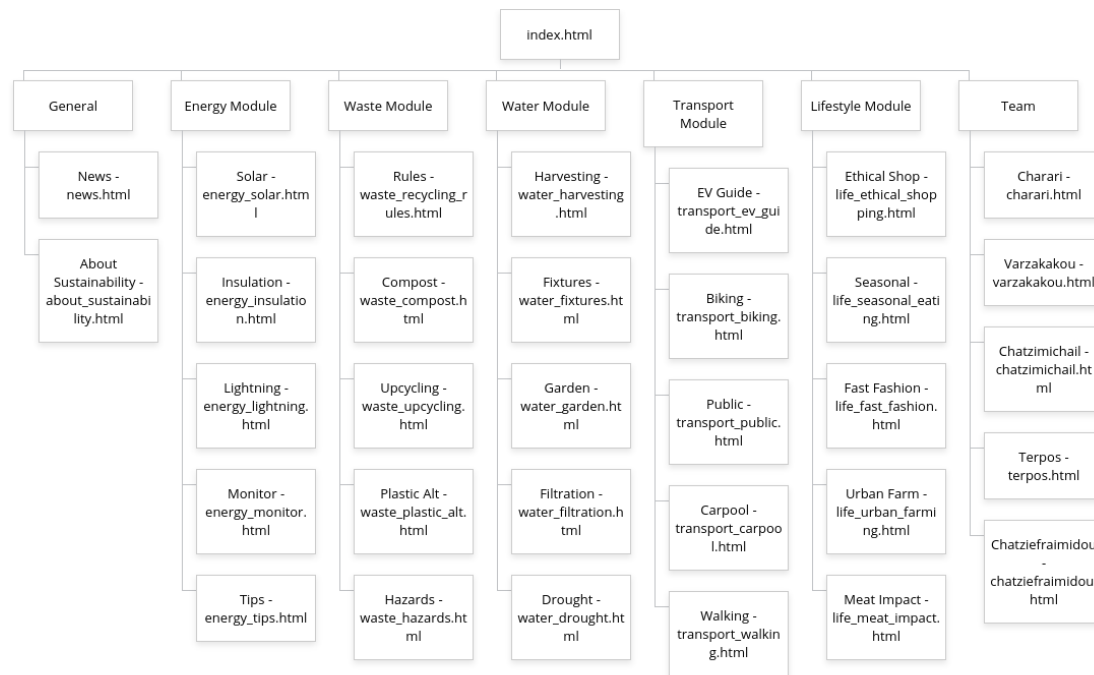
Group composition

- **Marina Chatziefraimidou:** Team Leader

- **Dimitris Terpos:** Developer

- **Mary Varzakakou:** Developer

- **Konstantinos Chatzimichail:** Developer

- **Georgia Charari:** Developer

List of identified sources

- **Text Content:** Original content regarding sustainability topics (e.g., solar energy, recycling codes) was generated with the assistance of GenAI tools (ChatGPT/Gemini) and verified by group members for accuracy.
- **Images:** Royalty-free, high-quality images sourced from Pexels and Unsplash.
- **Code:** The website structure (HTML5), styling (CSS3) and functionality (Javascript) were written entirely by the team using VS Code, without the use of AI code generators.

Site Map

https://www.gloomaps.com/cosP3ZhwAo

index.html

- **General**
  - News - news.html
  - About Sustainability - about_sustainability.html
- **Energy Module**
  - Solar - energy_solar.html
  - Insulation - energy_insulation.html
  - Lightning - energy_lightning.html
  - Monitor - energy_monitor.html
  - Tips - energy_tips.html
- **Waste Module**
  - Rules - waste_recycling_rules.html
  - Compost - waste_compost.html
  - Upcycling - waste_upcycling.html
  - Plastic Alt - waste_plastic_alt.html
  - Hazards - waste_hazards.html
- **Water Module**
  - Harvesting - water_harvesting.html
  - Fixtures - water_fixtures.html
  - Garden - water_garden.html
  - Filtration - water_filtration.html
  - Drought - water_drought.html
- **Transport Module**
  - EV Guide - transport_ev_guide.html
  - Biking - transport_biking.html
  - Public - transport_public.html
  - Carpool - transport_carpool.html
  - Walking - transport_walking.html
- **Lifestyle Module**
  - Ethical Shop - life_ethical_shopping.html
  - Seasonal - life_seasonal_eating.html
  - Fast Fashion - life_fast_fashion.html
  - Urban Farm - life_urban_farming.html
  - Meat Impact - life_meat_impact.html
- **Team**
  - Charari - charari.html
  - Varzakakou - varzakakou.html
  - Chatzimichail - chatzimichail.html
  - Terpos - terpos.html
  - Chatziefraimidou - chatziefraimidou.html

Content descriptions

- **Home Page (index.html):** Acts as the central navigation hub, introducing the SmartCity concept and linking to all five main modules and general information.
- **Energy Pages:** A 5-page module covering solar power basics, home insulation tips, LED lighting comparisons, smart energy monitoring, and a daily efficiency checklist.
- **Waste Pages:** A 5-page module providing guides on composting, detailed recycling rules/codes, DIY upcycling projects, plastic alternatives, and hazardous waste disposal.
- **Water Pages:** A 5-page module detailing rainwater harvesting systems, low-flow fixture upgrades, drought-resistant gardening (xeriscaping), home filtration options, and water footprint calculation.
- **Transport Pages:** A 5-page module explaining electric vehicles (EVs), cycling safety and gear, the benefits of public transport, carpooling etiquette, and urban walkability ("15-minute city").
- **Lifestyle Pages:** A 5-page module focusing on seasonal eating calendars, the impact of fast fashion, urban farming for small spaces, ethical shopping, and the carbon footprint of meat consumption.

List of responsibilities

- **Marina Chatziefraimidou (Leader):**

- o **Management:** Organizing meetings, maintaining the Meeting Journal, GitHub Repository management.
- o **Development:** Global CSS (style.css) for consistent design, Landing Page (index.html), General pages (news.html, about_sustainability.html), responsible for the Transport Module and final integration of all modules.

- **Dimitris Terpos:** Responsible for the Energy Module. Developing pages: energy_solar.html, energy_insulation.html, energy_lighting.html, energy_monitor.html, energy_tips.html.

- **Georgia Charari:** Responsible for the Waste Module. Developing pages: waste_compost.html, waste_recycling_rules.html, waste_upcycling.html, waste_plastic_alts.html, waste_hazards.html.

- **Konstantinos Chatzimichail:** Responsible for the Water Module. Developing pages: water_harvesting.html, water_fixtures.html, water_garden.html, water_filtration.html, water_drought.html.

- **Mary Varzakakou:** Responsible for the Lifestyle Module. Developing pages: life_seasonal_eating.html, life_fast_fashion.html, life_urban_farming.html, life_ethical_shopping.html, life_meat_impact.html.

Plan of action

Task	Responsible	Start Date	End Date
Project Setup & Repo	*Chatziefraimidou*	*Week 4*	*Week 4*
Content Gathering (Text/Img)	*All Developers*	*Week 4*	*Week 6*
HTML Structure Development & Javascript	*All Developers*	*Week 6*	*Week 8*
CSS Styling & Layout	*Chatziefraimidou*	*Week 7*	*Week 9*
Integration & Linking	*Chatziefraimidou*	*Week 10*	*Week 11*

Task	Responsible	Start Date	End Date
Final Review & Testing	*All Team*	*Week 11*	*Week 12*