

SUBJECT: Project Kick-off: "SmartCity" Web Development Team

Hi Team,

To ensure we hit our Week 6 and Week 12 deadlines without stress, I have broken down the project requirements, our roles, and the strict technical rules we must follow to pass the assessment.

Since we are a group of **6 members**, I have expanded the site structure to include a 5th module ("Lifestyle") so everyone has the required workload (Minimum 5 pages per Developer).

1. The Project Concept

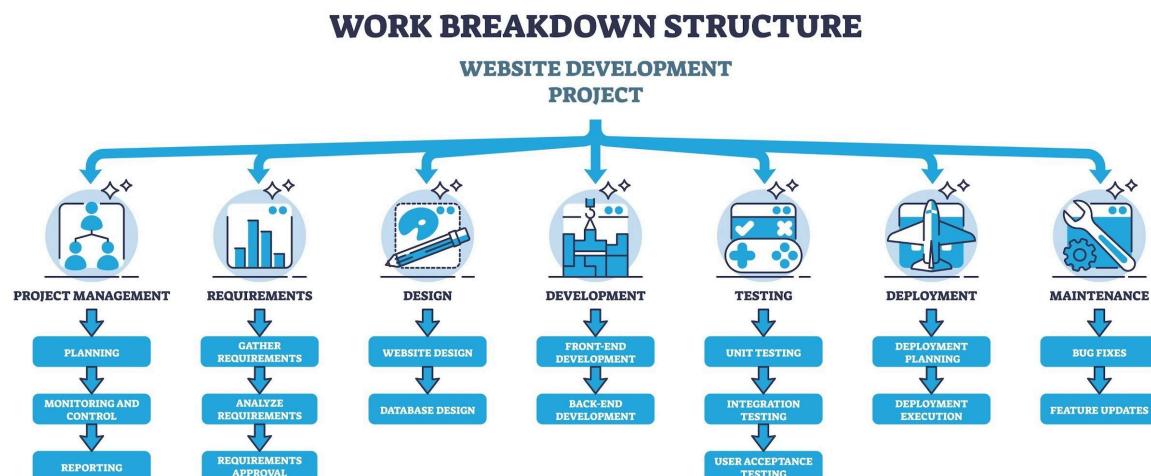
Website Title: SmartCity: A Guide to Sustainable Living **Goal:** An educational website teaching users how to make their homes and lives eco-friendly. **Structure:** One main Landing Page (Hub) connecting to 5 distinct "Modules" (Energy, Waste, Water, Transport, Lifestyle).

2. The Strict Technical Rules (Read Carefully)

The instructor has set specific constraints. If we break these, we lose marks.

- NO AI CODE:** We can use ChatGPT for *text content* (articles, definitions) and image ideas, but **we must write every line of HTML/CSS ourselves**.
- Folder Structure:** We must use a specific "Flat" structure. All your content pages must go into the `html` folder, not your own subfolders.
- Comments:** Put your name in a comment at the top of every file you create.

The Master Directory Structure:



/ (Root Repository)

```

├── index.html      <-- (Leader's Landing Page)
├── css/
│   └── style.css    <-- (Shared global styles)
├── js/
│   └── scripts.js   <-- (Shared scripts)
├── images/          <-- (ALL images for the whole site go here)
├── html/            <-- (ALL Developer content pages go here)
│   ├── energy_solar.html
│   ├── waste_compost.html
│   └── ...
└── students/
    └── [your_lastname]/
        └── [your_lastname].html <-- (Your personal bio page)

```

3. Roles & Page Assignments

Everyone is responsible for finding their own text/images for their pages.

LEADER: [Name]

- **Responsibilities:** GitHub Repo management, Main `style.css` (fonts/colors), Landing Page (`index.html`), News Section, Final Integration.
- **Pages:** `index.html`, `news.html`, `about_sustainability.html`.

DEV 1: [Name] (Module: ENERGY)

- **Focus:** Renewable energy and home efficiency.
- **Required Pages (in `html/` folder):**
 1. `energy_solar.html` (Solar panels explained)
 2. `energy_insulation.html` (Home insulation tips)
 3. `energy_lighting.html` (LED vs Incandescent comparison)
 4. `energy_monitor.html` (Smart meters/monitoring)
 5. `energy_tips.html` (General energy-saving checklist)

DEV 2: [Name] (Module: WASTE)

- **Focus:** Recycling and waste reduction.
- **Required Pages (in `html/` folder):**
 1. `waste_compost.html` (How to compost)
 2. `waste_recycling_rules.html` (Plastic codes/sorting rules)
 3. `waste_upcycling.html` (DIY upcycling projects)
 4. `waste_plastic_alts.html` (Alternatives to single-use plastic)
 5. `waste_hazards.html` (Disposing of batteries/electronics)

DEV 3: [Name] (Module: WATER)

- **Focus:** Conservation and gardening.
- **Required Pages (in `html/` folder):**
 1. `water_harvesting.html` (Rain barrels guide)
 2. `water_fixtures.html` (Low-flow taps/showers)
 3. `water_garden.html` (Drought-resistant plants)
 4. `water_filtration.html` (Home filtration systems)
 5. `water_drought.html` (Water footprint calculator/info)

DEV 4: [Name] (Module: TRANSPORT)

- **Focus:** Getting around sustainably.
- **Required Pages (in `html/` folder):**
 1. `transport_ev_guide.html` (Electric Vehicle types)
 2. `transport_biking.html` (Safety gear & benefits)
 3. `transport_public.html` (Bus/Train benefits)
 4. `transport_carpool.html` (Carpooling tips/apps)
 5. `transport_walking.html` (Walkability scores/health)

DEV 5: [Name] (Module: LIFESTYLE)

- **Focus:** Diet, fashion, and shopping.
- **Required Pages (in `html/` folder):**
 1. `life_seasonal_eating.html` (Seasonal food calendar)
 2. `life_fast_fashion.html` (Environmental impact of clothes)
 3. `life_urban_farming.html` (Balcony gardening)
 4. `life_ethical_shopping.html` (Fair trade/Greenwashing)
 5. `life_meat_impact.html` (Food carbon footprint comparison)

4. Workflow Procedure

1. **Content Gathering (Weeks 4-6):** Use GenAI (ChatGPT, GEMINI etc.) to generate the text for your articles. Save the text in a Word doc for now. Collect images (Pexels/Unsplash) and save them.
2. **The Style Guide:** Leader will upload the `style.css` file to GitHub by [Date]. Do **not** write your own CSS for fonts/colors. Link to my file so our website looks consistent.
3. **Naming:** When you create your HTML files, use **lowercase** and **underscores** only (e.g., `energy_solar.html`, NOT `Energy Solar.html`).
4. **Personal Pages:** Don't forget to create your personal bio page in `students/[your_lastname]/[your_lastname].html`.

5. Immediate Action Items (Next 3 Days)

1. **Confirm your Module:** Reply to this and confirm which module (Energy, Waste, etc.) you want. First come, first served.

2. **Send me your info:** I need your Student ID and Full Name for the "Week 6 Group Report" which I am writing now.
3. **Join the Repo:** I will email you the GitHub invitation link. Please accept it.

Let's get this done smoothly!

Best, **Team Leader**