Modern Mining – Frontend Architecture & Build Plan

Brand Tagline

من قلب الأرض .. نصنع الجودة
From the Heart of the Earth, We Craft Quality

Phase 1: Base Setup (Current Step)

We start by creating a clean, scalable foundation using HTML5 + Bootstrap 5 with Arabic as the default language.

Goals of this phase:

- Define semantic structure of the page
- Prepare RTL/LTR switching
- Prepare sections without heavy styling yet
- SEO-ready markup

Sections Architecture (Top to Bottom)

1. Navbar (Creative layout)
2. Header / Hero Section (Magic cursor + animation)
3. About Modern Mining (Numbers & statistics)
4. Why Modern Mining (Value propositions)
5. Products (Interactive details panel)
6. Board of Directors
7. News & Projects (Slider / Videos)
8. Contact Us (Form)
9. Footer (Map + Social links)

File Structure (Confirmed)

```
Modern-Mining/
│
├── index.html
│
├── css/
```

```
│   ├── bootstrap/
│   │   └── bootstrap.min.css
│   ├── variables.css
│   ├── styles-ar.css
│   ├── styles-en.css
│   └── animations.css
│
├── js/
│   ├── bootstrap/
│   │   └── bootstrap.bundle.min.js
│   ├── scripts.js
│   ├── lang-switcher.js
│   ├── products.js
│   └── animations.js
│
├── fonts/
│   ├── ibm-plex-arabic/
│   └── ibm-plex-sans/
│
├── assets/
│   ├── images/
│   │   ├── logo.png
│   │   └── placeholders/
│   ├── videos/
│   └── icons/
│
└── README.md
```

Libraries to Download (Local Usage Recommended)

- Bootstrap 5 (CSS + JS Bundle)
- GSAP (for header & cursor magic)
- AOS (scroll animations)
- Bootstrap Icons
- Google Fonts: IBM Plex Arabic + IBM Plex Sans

Next Step

The next phase will create: - `index.html` base skeleton - Semantic HTML for Navbar & Header - Language switch system - Initial hero animation logic

This document will be updated as we build step by step.