

HOME PAGE – COMPLETE IMPLEMENTATION NOTE

This document contains FULL reference for Models, APIs, JSON data structure, and React code flow.

1. DATABASE DESIGN (MODEL)

Single table: **Home** (Only one row)

Fields:

Hero: hero_trusted_text, hero_title, hero_description

Stats (dynamic JSON): stats = [{value,label}]

Offer: offer_pill_text, offer_title, offer_subtitle

About: about_title, about_description, about_points[]

CTA: cta_title, cta_description

Footer: footer_brand_text, footer_address_text, footer_phone_text, footer_email_text

2. DJANGO MODEL (FINAL)

```
class Home(models.Model):
    hero_trusted_text = models.TextField()
    hero_title = models.TextField()
    hero_description = models.TextField()

    stats = models.JSONField(default=list)

    offer_pill_text = models.TextField()
    offer_title = models.TextField()
    offer_subtitle = models.TextField()

    about_title = models.TextField()
    about_description = models.TextField()
    about_points = models.JSONField(default=list)

    cta_title = models.TextField()
    cta_description = models.TextField()

    footer_brand_text = models.TextField()
    footer_address_text = models.TextField()
    footer_phone_text = models.CharField(max_length=50)
    footer_email_text = models.EmailField()
```

3. JSON DATA FORMAT (ADMIN)

Stats JSON example:

```
[
{ "value":"500+", "label":"Clients Served" },
```

```
{ "value": "15+", "label": "Years Experience" },
{ "value": "98%", "label": "Client Satisfaction" },
{ "value": "50+", "label": "Tech Experts" }
]
```

4. API RESPONSE STRUCTURE

GET /api/home/

```
{
  hero: { trusted, title, description },
  stats: [{ value, label }],
  offer: { pill, title, subtitle },
  about: { title, description, points },
  cta: { title, description },
  footer: { brand_text, address, phone, email }
}
```

5. REACT FLOW

- React fetches API on Home load
- stats.map() renders dynamic stat boxes
- HTML structure fixed by developer
- Footer renders only p-tag texts dynamically

6. REACT HOME JSX (CORE)

```
{home.stats.map((s,i)=>(
  {s.value}
  {s.label}
))}
```

7. IMPORTANT RULES

- Client can add 1, 2, or 4 stats → UI auto updates
- More than allowed stats should be limited in UI
- Structure, buttons, icons controlled by developer