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