# Istanbul Dental Smile – Replit Developer Instructions

## Project Vision:

A patient-friendly dental quote and booking platform for treatment in Istanbul — inspired by Booking.com, Fiverr & Rightmove — that allows users to:  
  
1. Generate a personalized quote with clinic price comparison.  
2. Select a verified clinic and pay a £200 refundable reservation fee.  
3. Enter a secure communication portal with the clinic.  
4. Upload medical files (X-rays/CT scans).  
5. Collaborate on treatment plans, appointment scheduling, and payment agreements — all logged transparently.  
6. Receive aftercare support and leave verified reviews.

## Phase 1 — Quote Generator (Already Built / Refined)

- Frontend: User selects treatments from dropdown.  
- Backend:  
 - Pull live clinic pricing from DB.  
 - Compare Istanbul clinics and UK average prices.  
- Generate a slick downloadable PDF quote.  
- Ask for name/email/phone + GDPR consent.  
- Email is sent to user + internal notification.

## Phase 2 — Booking & Payment Integration

- After the quote is generated:  
 - 'Book this Clinic' button triggers checkout for £200 deposit.  
 - Integrate Stripe or Payment Provider.  
 - On payment success — create user account automatically.  
 - Redirect them into their secure 'Patient Area'.

## Phase 3 — Patient Dashboard (Core Platform)

This is where it becomes a platform like Fiverr.

### Core Features:

* Secure Messaging: Client <> Clinic chat with file upload capability.
* Treatment Plan Management: Clinic can edit quote based on new files.
* Quote Versioning & Logging: Show all quote revisions with timestamps.
* Appointment Scheduling: Clinics can propose appointment times.
* Notifications System: Email / In-app alerts for activity.
* Aftercare Chat: Post-treatment support chat.
* Review Collection: Automatically request reviews after treatment.

## Technical Suggestions:

- Use Flask/Python for backend (as per Replit current build).  
- Use a SQL database or Replit DB for:  
 - User Profiles  
 - Clinics Profiles  
 - Quotes  
 - Messages  
 - Appointments  
- Use template HTML for PDFs (xhtml2pdf for current quote system).  
- Frontend framework — TailwindCSS or Bootstrap for clean UI.  
- Stripe / Payment Provider for payments.  
- EmailJS or MailJet for transactional emails.

## Long-Term Features (Stretch Goals):

* Multi-language support (English / Turkish).
* Affiliate tracking (for travel / flights).
* Review verification system.
* Admin Portal for managing clinics, reviewing conversations, and handling disputes.