

Abstract geometric lines forming various polygons and overlapping shapes in the top-left corner of the page.

# REQUIREMENTS GATHERING

# ANALYZING PROJECT NEEDS

تحليل احتياجات المشروع فيما يخص جودة التفاصيل، الخامات، الإضاءة، والتحرك

جودة الصور والفيديو	FHD / 1080	لدقة عالية
دقة النماذج	High Poly Models	لتفاصيل دقيقة
الخامات	زجاج، معدن، خرسانة	
الإضاءة	ليلية	يظهر بها تأثيرات الظلال والانعكاسات
التحرك	حركة السيارات	باستخدام Keyframing

# DEFINING TECHNICAL AND FUNCTIONAL REQUIREMENTS

## **1. Technical Requirements**

**(What is needed to execute the project technically):**

### **A. Software and Tools:**

**3D Modeling Software: 3ds Max for creating the exterior structure.**

**Rendering Software: V-Ray Renderer for high-quality photorealistic renders.**

**Post-Processing Tools: Adobe Photoshop for editing final renders.**

**Adobe Premiere for video post-processing.**

# DEFINING TECHNICAL AND FUNCTIONAL REQUIREMENTS

## **C. File Formats and Deliverables:**

### **3D Model Formats:**

**FBX, OBJ, or STL for compatibility with other software.**

### **Rendered Outputs:**

**High-Resolution Images: 4K resolution (3840x2160 pixels).**

**Videos: 1080p or 4K resolution.**

# DEFINING TECHNICAL AND FUNCTIONAL REQUIREMENTS

## **2. Functional Requirements**

### **A. Design Requirements:**

**Architectural Style: Modern**

#### **Key Features:**

**Glass Facade: Transparent and reflective glass for a modern look.**

**Metal Accents: Stainless steel or brushed metal for structural elements.**

#### **Landscaping:**

**Green Spaces: Trees and grass areas.**

#### **Lighting:**

**LED Lighting: For highlighting architectural features.**

**Natural Lighting: Simulated moonlight**