



REQUIREMENTS GATHERING

ANALYZING PROJECT NEEDS

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

جودة الصور و الفيديو	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