

Software Requirement Specification



**CYBERPUNK**  
2077

# GAME MANAGEMENT

and Level Design

By, MR\_777 Association

# Presenters

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# Introduction

## about the Game Project



**Cyberpunk 2077** is an open-world, action-adventure story set in **Night City** by **CD Projekt RED**. You play as **V**, a mercenary outlaw going after a one-of-a-kind implant that is the key to immortality. You can customize your character's cyberware, skillset and playstyle, and explore a vast city where the choices you make shape the story and the world around you.



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## - LIVE IN THE CITY OF FUTURE

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Cyberpunk 2077 is set in an Alternate History of Dark Future, where corporations rule, and focuses on Age of Computers, Human Augmentations, and famous Japanese Corporation **Arisaka**, which was found during the age of World War II. Cyberpunk 2077 is the most anticipated video game of entire history.

# Game Setting

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## - REQUIREMENTS

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### → Functional Requirements

- ◆ Demanding Features

### → Non-Functional Requirements

- ◆ Optimization / Technical Features

# Requirements



## ❖ GAMEPLAY FEATURES

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- Age of Computers and MiliTech
- Role Playing Game Genre
- Low-Life, High-Tech
- Alternate History, with Future Setting
- Age of Augmentations
- Dynamic Story and Background

# Demanding Features





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## ❖ GAMEPLAY FEATURES

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- Vertical City Layout
- Four cultures with specific regions
- Wide variety of **Vehicles** and **Combat** focused
- **Highly Anticipated** of all the Time in History
- Has **Chinese** and **Japanese Style** of Art, Theme and Vibe

# Demanding Features



## ❖ TECHNICAL FEATURES

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- Single-Player Focused
- Highly Optimized for PC, PS5 and XBOX Series X/S
- Programming Language used: C++
- Engine used: REDengine 4
- Low on Processor and RAM
- No DRM Protection

# Optimization Features





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## ❖ TECHNICAL FEATURES

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- Almost **20 years** of Development work
- Employers currently working **6 days a week**
- Takes only **70GB** of Storage
- Cyberpunk 2077 is **Ray-Traced**
- Supports **RTX 30** Series of GPUs
- Used real world **ARCH Vehicles** by Keanu Reeves

# Optimization Features



## ❖ BUDGET

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- 175 Million to 220 Million USD
- 1,500 people are involved in the Project Globally
- Record breaking Expectations and Pre-Orders
- Our Competitor GTA 5 had the Budget of 265 Million USD

# Development Work



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## ❖ PROJECT DETAILS

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### → Cooperation Partners

- ◆ Canadian Studio Digital Scapes - Crafting Tools
- ◆ QLOC - Quality Assurance
- ◆ NVIDIA - Realtime Ray Tracing
- ◆ Wrocław Office - Research and Development

# Development Work



## MINIMUM SYSTEM REQUIREMENTS

OS	64-bit Windows 7 or 64-bit Windows 10
DIRECTX VERSION	DirectX® 12
PROCESSOR	Intel Core i5-3570K or AMD FX-8310
MEMORY	8 GB
GRAPHICS CARD	NVIDIA GTX 780 3GB or AMD Radeon RX 470
STORAGE	70 GB HDD



## RECOMMENDED SYSTEM REQUIREMENTS

OS	64-bit Windows 10
DIRECTX VERSION	DirectX® 12
PROCESSOR	Intel Core i7-4790 or AMD Ryzen 3 3200G
MEMORY	12 GB
GRAPHICS CARD	NVIDIA GTX 1060 6GB or AMD Radeon R9 Fury
STORAGE	SSD (70 GB)

☑ PC audio solution containing Dolby® Atmos required for a Dolby Atmos experience.

## ❖ CARRIERS

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→ Carriers for Game Programmers

- ◆ Perfect C++ and Optimization Skills
- ◆ Proficiency in Code and Algorithm
- ◆ Experience in Playing and Developing RPG Games
- ◆ Minimum 3 years of Developing Experience



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# CD PROJEKT RED



Hello to the Future

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