

DESIGN DOCUMENT

VIDEOGAME DESIGN AND PROGRAMMING

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OVERVIEW AND VISION STATEMENT

Welcome to the future! In this city-building single-player game, you'll get to experience the excitement of creating and managing a futuristic metropolis. With cutting-edge technology at your fingertips and a thriving population to keep happy, it's up to you to create the city of tomorrow.

The game begins with a blank canvas, a sprawling virtual landscape waiting for your creative touch. As you begin to build your city, you'll need to carefully balance the needs of your citizens with the demands of industry and commerce. With a wide range of buildings, structures, and services at your disposal, you'll need to choose wisely to ensure that your city thrives.

As your city grows, you'll encounter a variety of challenges and opportunities. From natural disasters to social unrest, you'll need to be prepared to respond to any situation that arises.

But it's not just about managing the day-to-day operations of your city. You'll also need to think about the long-term future, planning for new technologies, infrastructure, and other advancements that will keep your city at the forefront of innovation. Whether it's designing new transportation systems, creating sustainable energy sources, or building cutting-edge research facilities, you'll need to stay ahead of the curve to keep your citizens happy and your economy booming.

Of course, no city is complete without a thriving cultural scene. You'll need to provide your citizens with entertainment, art, and leisure activities to keep them engaged and satisfied. From world-class museums and theaters to vibrant nightlife and outdoor festivals, you'll need to offer a diverse range of experiences to keep your city vibrant and exciting.

With stunning graphics, immersive gameplay, and endless possibilities, this futuristic city-building game is a must-play for anyone who loves strategy, creativity, and innovation. Whether you're a seasoned gamer or a newcomer to the world of gaming, you'll find hours of enjoyment as you create and manage your own futuristic city. So what are you waiting for? The future is waiting for you!

AUDIENCE, PLATFORM AND MARKETING

This game is designed and built for people of any age from 6 years and for both men and women born anywhere in the world.

This video game is designed for both platforms, android and iOS but it is preferable to play on iOS for a higher quality of the game.

This futuristic city-building game sets itself apart from competitors in a few key ways:

1. **Advanced Technology and Sustainability:** The game takes place in a world that is advanced beyond our current technological capabilities, with a strong focus on sustainability and environmental responsibility. The use of renewable energy sources and advanced recycling technologies make this game stand out from others in the genre.
2. **Long-Term Planning:** In addition to managing day-to-day operations, players must also think about the long-term future of their city, planning for new technologies, infrastructure, and other advancements that will keep the city at the forefront of innovation. This long-term planning adds a strategic element to the game that is not found in other city-building games.
3. **Diverse Range of Experiences:** This game offers a diverse range of experiences, from world-class museums and theaters to vibrant nightlife and outdoor festivals. This creates a more immersive and engaging experience for players, allowing them to fully explore and appreciate the city they are building.
4. **Social and Political Issues:** The game also tackles social and political issues, such as climate change, social inequality, and political instability, which adds a layer of complexity and depth to the gameplay. Players must navigate these challenges in order to create a sustainable society, making this game stand out as more than just a simple city-building simulator.

Overall, this futuristic city-building game sets itself apart from competitors by offering advanced technology and sustainability, long-term planning, a diverse range of experiences, and a focus on social and political issues. These features create a more engaging and thought-provoking gameplay experience, making this game a must-play for anyone who loves strategy, creativity, and innovation.

CHARACTERS

This futuristic city-building game does not have traditional characters in the sense of playable or non-playable characters (PCs or NPCs) that have distinct personalities, stories, or backstories. Instead, the focus is on the players' interactions with the city they are building and the various systems and mechanics that govern its functioning.

However, the game may feature a diverse range of virtual citizens who live and work in the city that the player builds. These citizens may have different needs and desires, such as access to healthcare, education, housing, and cultural experiences, which the player must balance as they make decisions about city management. However, these citizens are not distinct characters with their own personalities or stories, but rather representations of various demographic groups within the city.

Overall, while this game does not have traditional characters in the sense of PCs or NPCs, the presence of virtual citizens adds a layer of depth and complexity to the gameplay, allowing players to consider the needs and desires of different groups within the city as they build and manage it.

WORLD

The world of this futuristic city-building game is a vibrant and bustling metropolis, teeming with life and activity. Set in a world of advanced technology and cutting-edge innovation, the city is a marvel of engineering and design, with towering skyscrapers, sprawling transportation networks, and gleaming high-tech facilities.

The city is set in a world that is advanced beyond our current technological capabilities, with a focus on sustainability and environmental responsibility. Renewable energy sources power the city, and advanced recycling technologies ensure that waste is minimized and resources are conserved.

Despite the advanced technology and infrastructure, the city is still home to a diverse range of cultures and communities, each with their own unique traditions, languages, and histories. The city is a melting pot of ideas, with artists, scientists, entrepreneurs, and activists all working together to make the world a better place.

Overall, the world of this game is a complex and dynamic one, full of possibilities and challenges. Whether you're interested in the latest technological innovations, the social and political issues of the day, or simply creating a thriving metropolis, this game has something for everyone.

GAMEPLAY

The gameplay of this futuristic city-building game is focused on creating and managing a thriving metropolis. Players are tasked with constructing buildings and infrastructure, managing resources and finances, and balancing the needs and desires of various demographic groups within the city.

The game consists of collecting resources that are on the ground such as trees or rocks to later be able to build different types of buildings. You can place the buildings the way you want and you can also rotate them by right-clicking. You can only build buildings in a place where there is no other building already and as long as you have enough resources to be able to build that building, otherwise that place will appear red for a second.

The game functions through a combination of city-building simulation mechanics and strategic decision-making. Players must manage the city's various systems, including transportation, healthcare, education, and cultural institutions, while also considering environmental impact and sustainability.

Controls are typically touch-based, with players able to touch and drag to place buildings, roads, and other infrastructure elements. The interface includes various menus and tabs that allow players to access information about the city's systems, finances, and demographics, as well as make decisions about resource allocation and management.

Game rules are based on real-world principles of city management and sustainability, with players facing challenges related to climate change, social inequality, and political instability. Players must navigate these challenges while also building and maintaining a thriving city, balancing the needs of various demographic groups and considering long-term planning and development.

Winning conditions may vary depending on the specific game mode, but typically involve achieving a certain level of population, income, or sustainability while also maintaining social equity and stability. Losing conditions may involve a financial collapse, environmental disaster, or social unrest that threatens the stability of the city.

Points may be gained through successful management of the city's systems, achieving milestones related to population growth or sustainability, or meeting the needs and desires of various demographic groups. These points may be used to unlock new infrastructure or technologies, or to progress to higher levels of the game.

Possible game levels may include various stages of city development, from the early planning and construction phase to more advanced stages of infrastructure development and long-term planning. Each level may present new challenges and opportunities for players, requiring different strategies and approaches to city

management. Additionally, players may have the option to customize certain aspects of their city or choose different game modes to add further variety and complexity to the gameplay.

There is only one interface or screen, but pop-ups will be shown in some cases. For example, when you want to see a building's details.

MEDIA LIST

The main material of the game are the assets related with every item in the game such as buildings or roads. We may also need music or sounds to be played in certain moments of the game. I have also included the course materials such as the menus and the audios.

