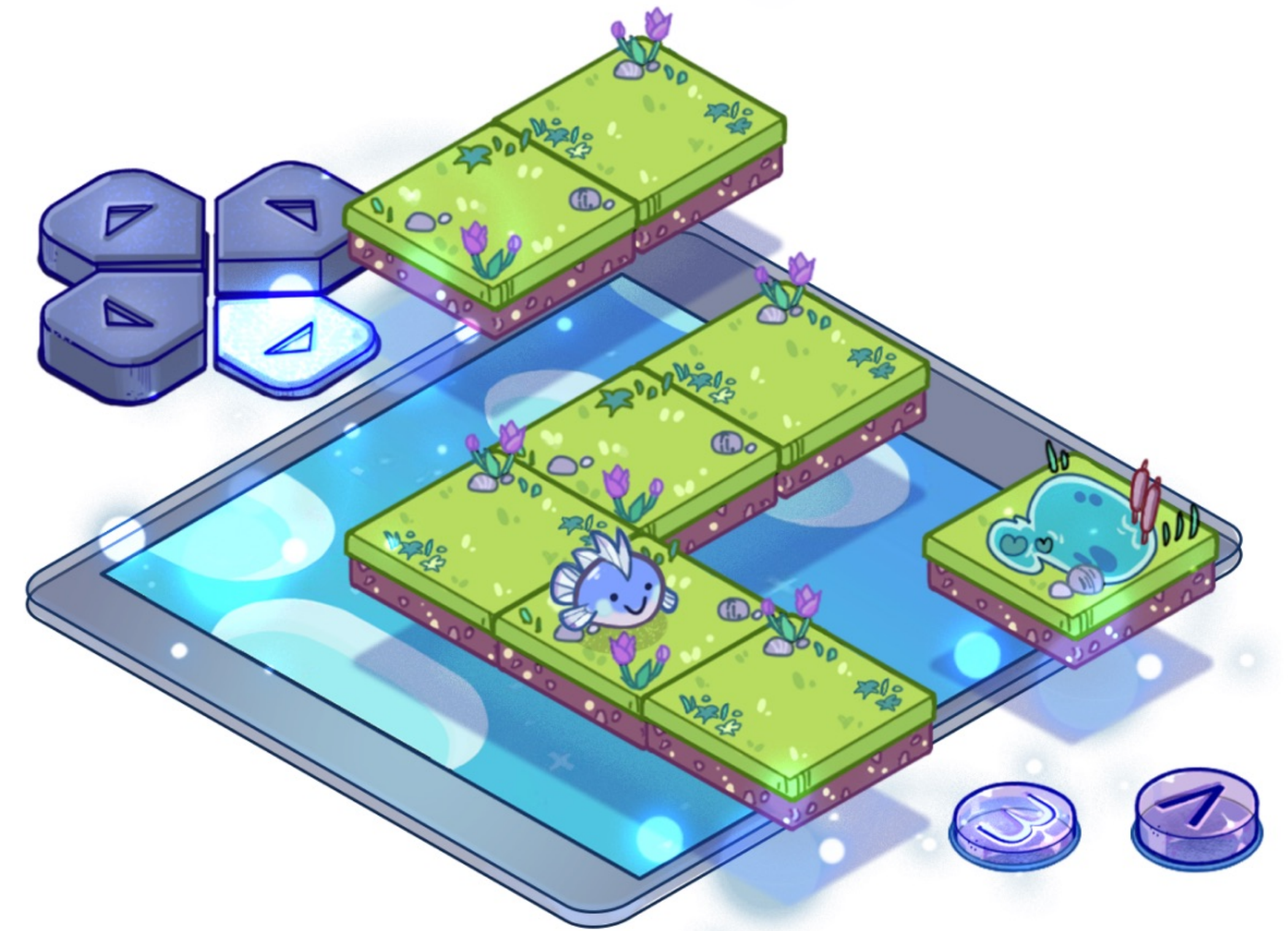




# Cross-Platform Game Development

Discover how Lasting Dynamics leads the way in cross-platform game creation. This deck highlights our expertly crafted case studies, demonstrating our prowess in delivering games for web browsers, iOS, and Android. Each case reflects our commitment to technical precision and showcases the transformative results of the Agile methodologies we implement.





# European tech excellence with world-wide customers

## Our pool of worldwide clients

We became the tech partner of several realities worldwide, from incubators, accelerators and VCs to enterprises and individual entrepreneurs.



Awards from  
industry experts



Years of proven  
track-record



Countries on our  
global delivery map



Successfully  
delivered projects



# Our origin and expansion

Born in Italy in 2013, Lasting Dynamics stands on the belief that the path to excellence is paved with quality. Extending our roots from Italy to Spain, United Arab Emirates, and Norway, we've grown into a global family with the focus of crafting world-class software solutions and offering insightful consultancy to redefine the way businesses operate.





# Awards & Achievements

In the past decade, we've been the technological heartbeat for several successful enterprises worldwide, earning us prestigious awards and recognition as the top leading software house from trusted industry experts.





# Candy FALL

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App Store

 GET IT ON  
Google Play



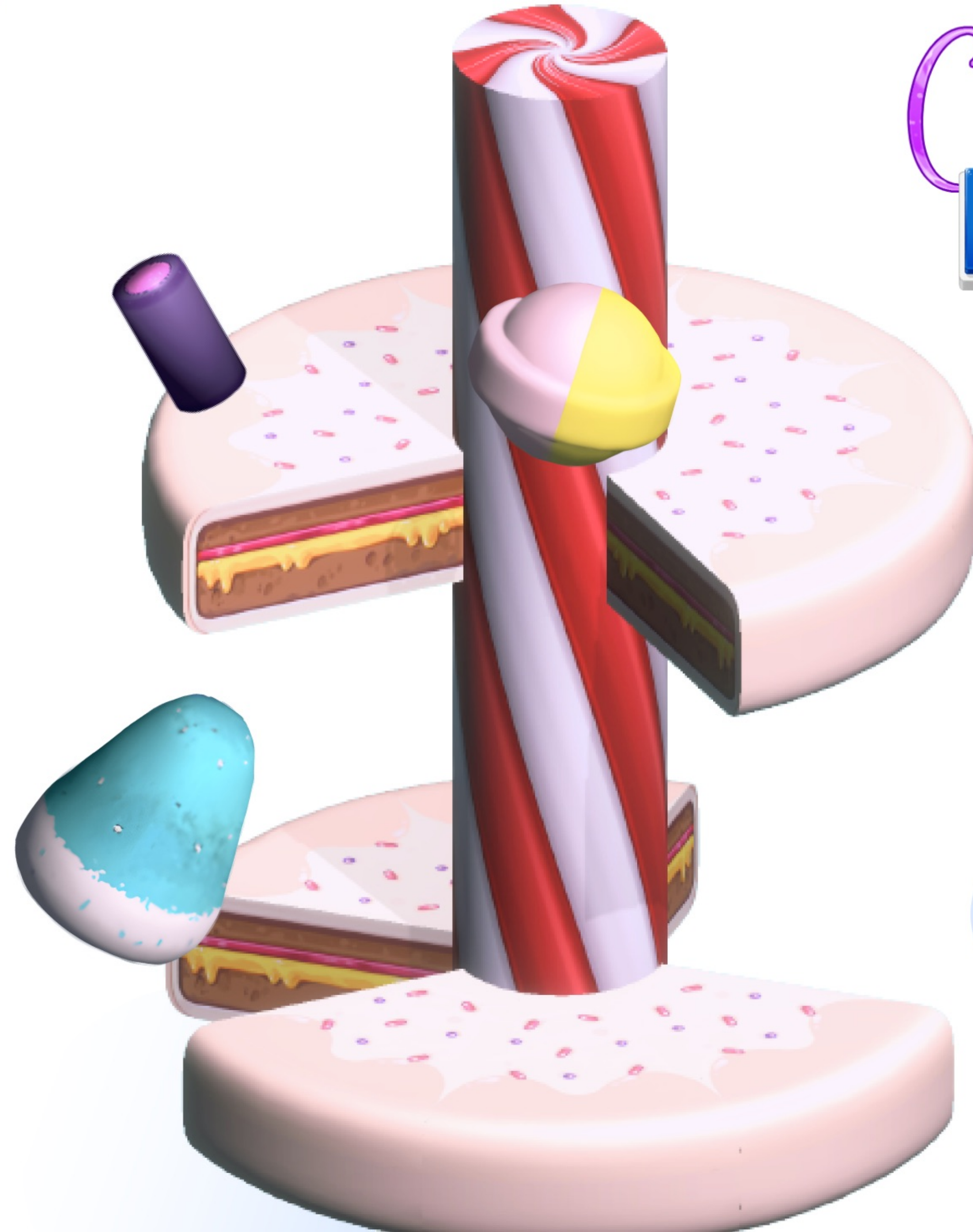
## CASE STUDY 1

# Candy Fall: a sugary descent challenge

In the realm of Candy Fall, players navigate a cascading candy, guiding its descent from an imposing candy cone towards platforms crafted from cake pieces. This isn't just about aesthetics each cake presents varying degrees of challenge.

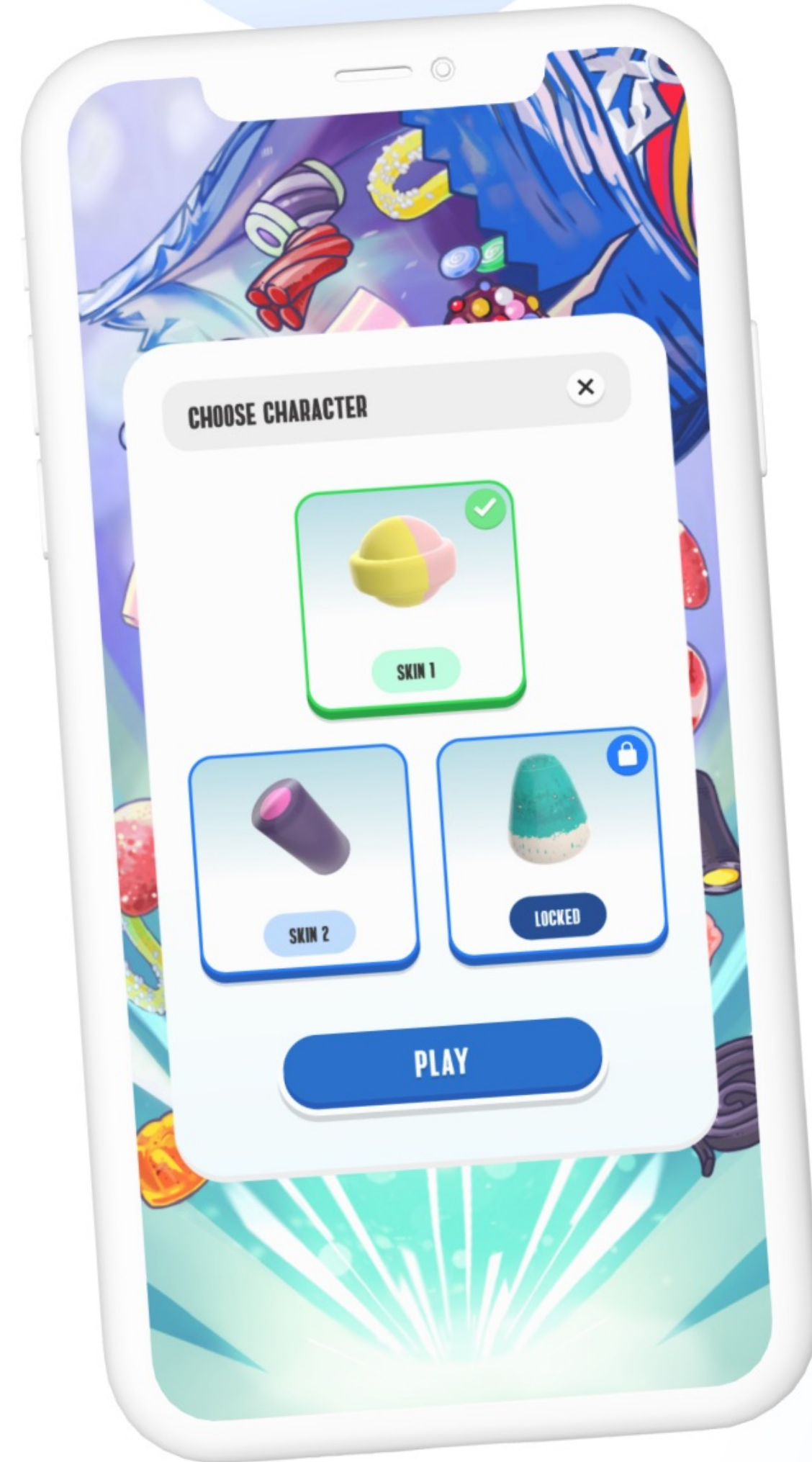
Some cakes act as trampolines, while others, if rotten, can curtail your progress. Players can exploit three distinct power-ups, each providing attributes such as enhanced velocity or magnetic allure.

Technologically speaking, the game emphasizes real-time 3D graphics rendering, intuitive physics for candy movement, and a competitive leaderboard system to gauge global performance.



*Candy*  
**FALL**







# GRAVITOR





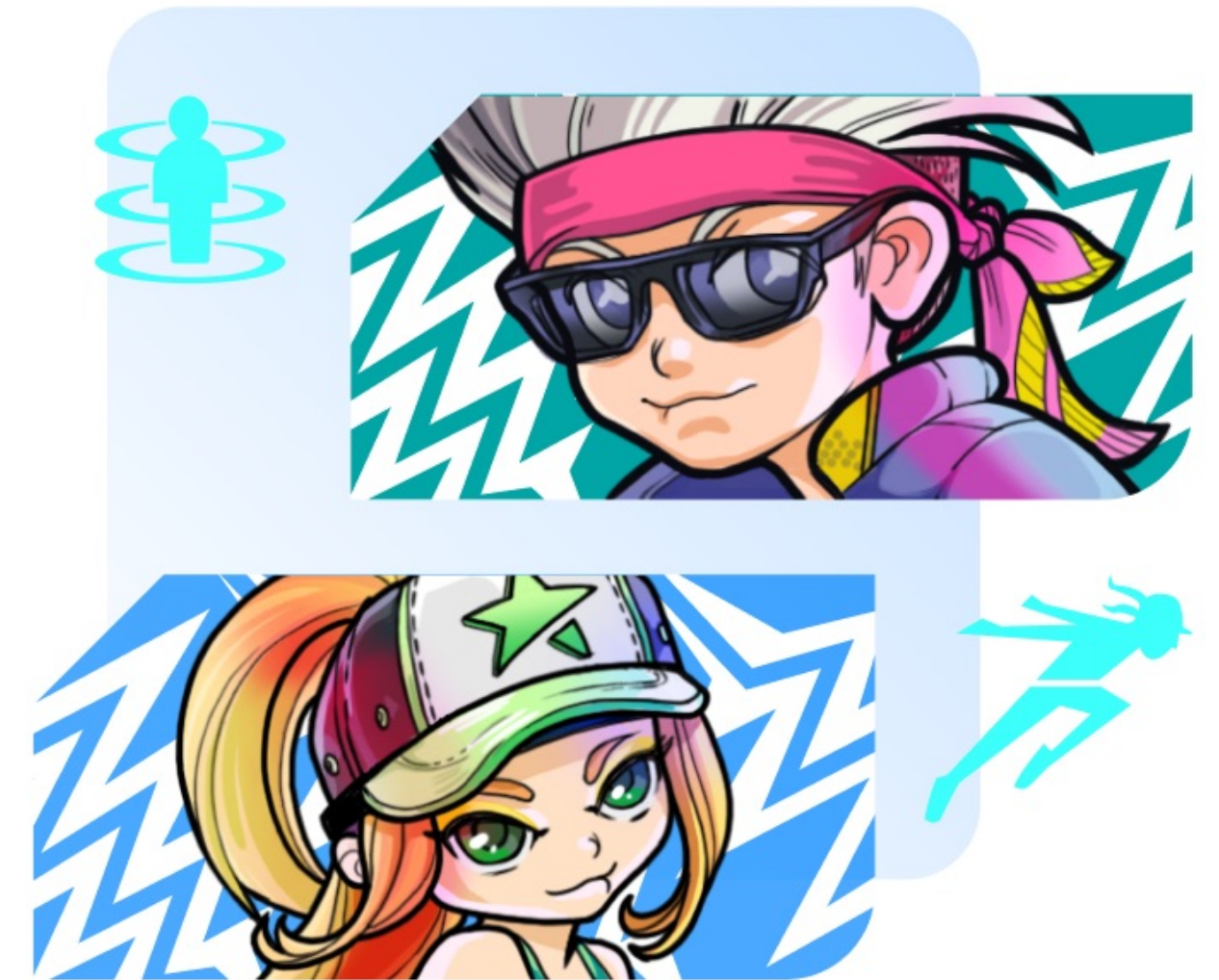
## CASE STUDY 2

# Gravitor: Mastering Gravity with Style

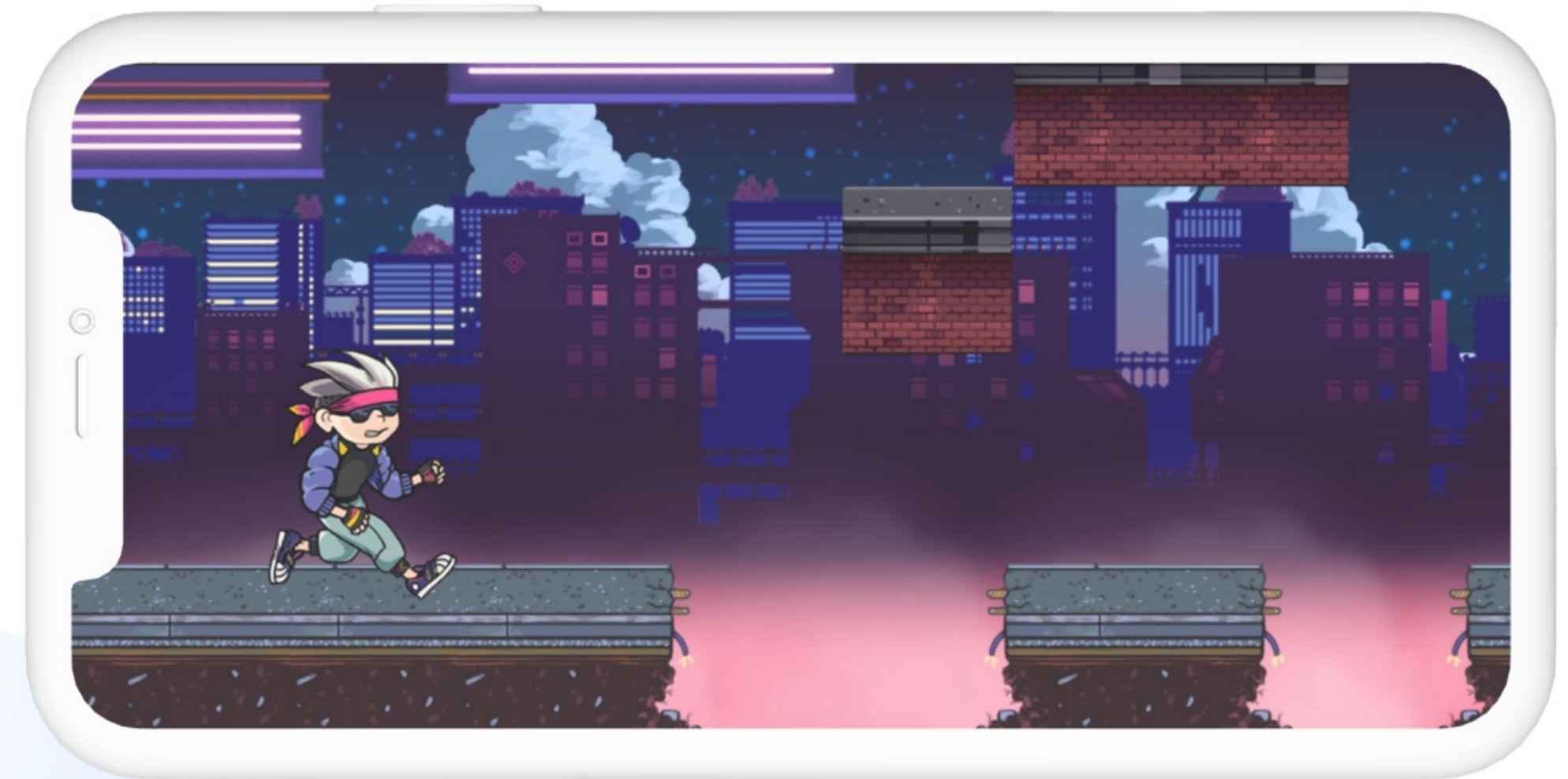
Gravitor operates in a dynamic, gravity-challenged universe, presenting both ceiling and ground as valid pathways for its avatars.

Users select between characters: Zane ShieldWave, epitomizing precision, and Aria SpeedRift, representing swift agility. Distinctly, each character is equipped with attire that not only alters aesthetics but also introduces unique capabilities. For instance, certain outfits grant abilities such as laser emission.

Players must navigate an array of obstacles, including the disruptive flying drones, demanding dexterity and strategy. This game showcases intricate physics, adaptable character movements, and a multifaceted environment.











# SPORTS

by **LASTING DYNAMICS**



## CASE STUDY 3

# Challenges in VR Sports Development

Developing sports simulations for virtual reality entails several challenges. Realistic physics and natural character movements are crucial for an immersive experience. Lifelike environments and intuitive controls are essential for seamless gameplay and user engagement.

Balancing realism with playability and enjoyment is a key consideration in the development process.





## CASE STUDY 3

# Street Hoops

The basketball simulation in LD Sports enables users to hone their shooting skills in a realistic basketball court environment. Users can participate in free-throw and three-pointer challenges, with lifelike ball physics and natural player movements.

This simulation provides an engaging and realistic basketball experience that allows users to improve their skills in a virtual setting.





## CASE STUDY 3

# Timberline Trials

The archery simulation in LD Sports challenges users' accuracy in various archery challenges. The simulation features dynamic target distances and wind conditions, as well as realistic bow and arrow physics.

This immersive experience challenges users to improve their accuracy and precision in a virtual environment.





## CASE STUDY 3

# Padel Pursuit

The padel simulation in LD Sports engages users in fast-paced padel matches in a realistic court environment. The simulation features realistic ball physics and natural player movements, providing an immersive and engaging padel experience.

This simulation offers a fun and challenging way for users to enhance their padel skills in a virtual environment.







# ROSMARIANO





## CASE STUDY 4

# Cryptocurrency rewards in a unique gaming experience

The real thrill of the game lay in the tangible rewards - successful unlocks generated real units of cryptocurrency. This case study exemplifies our expertise in crafting immersive gaming experiences that educate, entertain, and offer valuable rewards, all while showcasing the innovative application of blockchain technology.



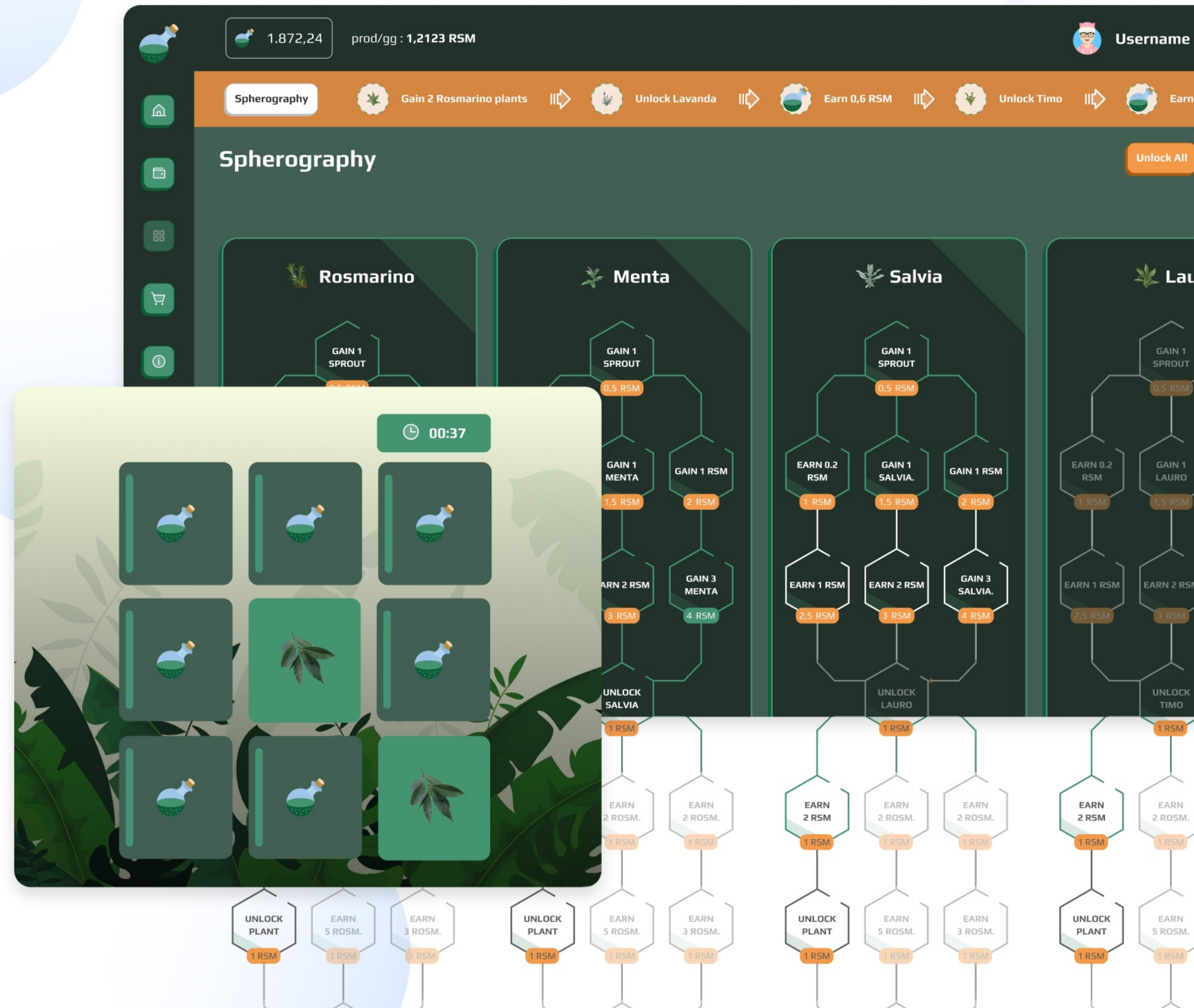


## CASE STUDY 4

# Spherography & mini games

The game is structured around a concept we called 'Spherography', essentially development trees for each essential oil or spice. As players progress, they unlock more intricate stages of the production process. The spherography system adds depth and progression, making the gaming experience more engaging and rewarding.

Additionally, we incorporated mini-games within the main gameplay. These are not only fun diversions but are strategically designed to provide boosts and accelerations in the production process, further incentivizing player engagement. This dynamic blend of main gameplay and mini-games forms an exciting and immersive environment for players.

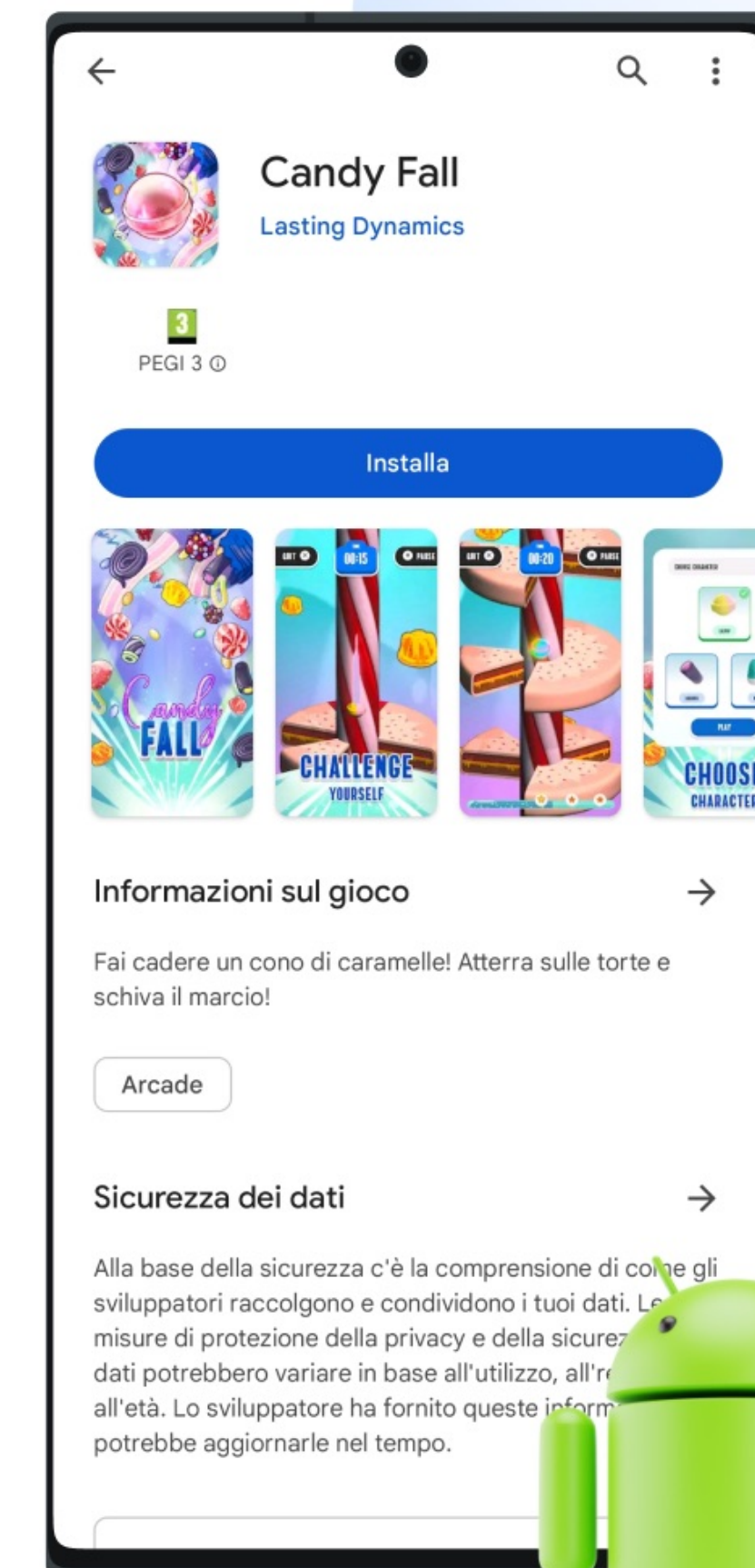
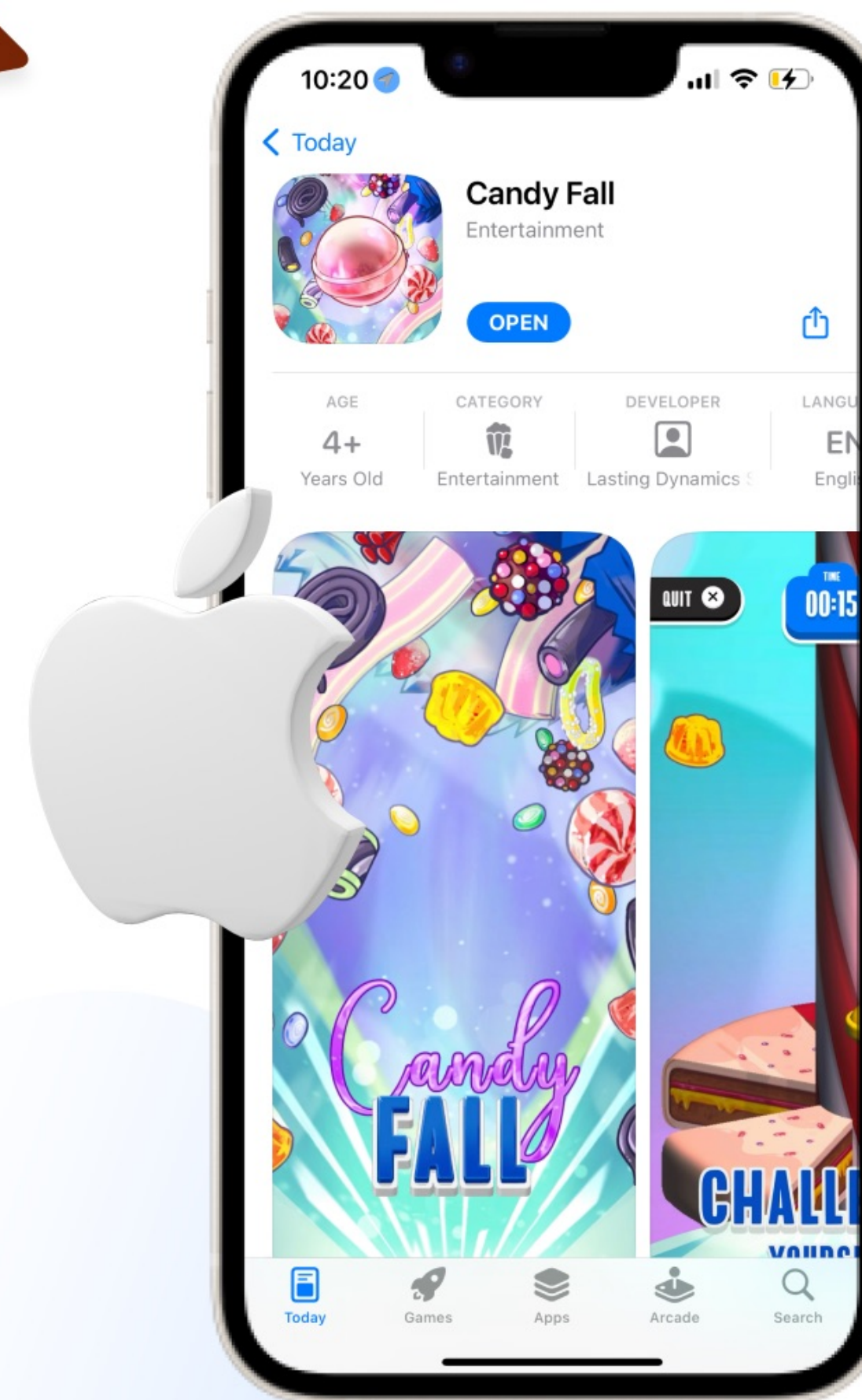






# Cross-platform compatibility

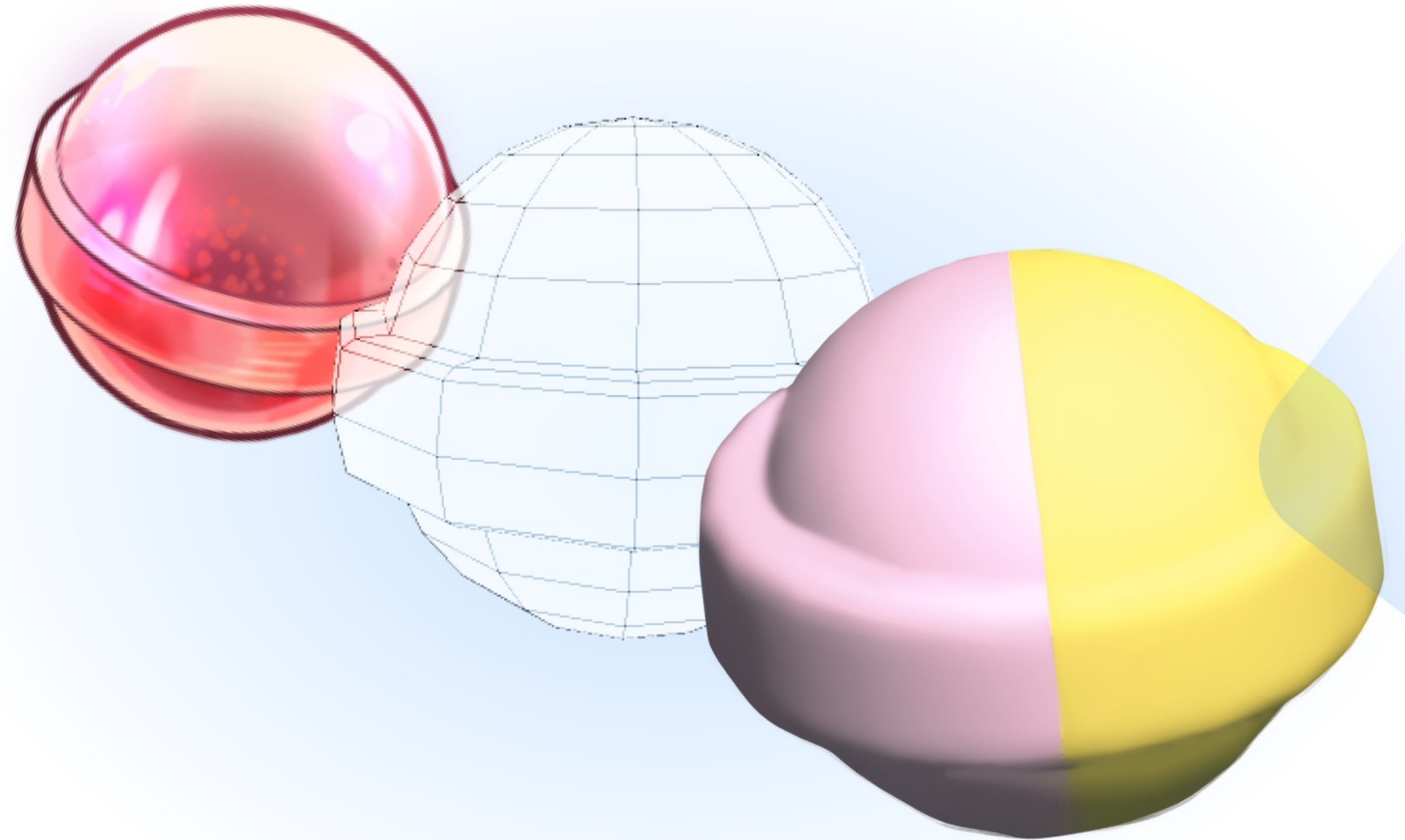
We adopt a meticulous approach to develop games that are universally compatible. Using advanced cross-platform technology, our games run flawlessly on Android and iOS devices alike. We adhere to a stringent process that ensures optimal performance and user experience, regardless of the platform chosen. This guarantees users the flexibility to engage with the game on their device of choice, thus enhancing user satisfaction and reach.





# Maximizing performance with our technology stack

Our development team has crafted an interactive gaming experience using the power of React Native and Unity, two leading-edge technologies. Each game is conceptualized and crafted from scratch, ensuring unique, high-quality experiences tailored to users' needs.







Real picture in office

# Assuring Unmatched Quality in Every App

We prioritize excellence and top-notch results in all testing activities. Our Quality Assurance team boasts a sophisticated structure, adapting to each project scenario for early issue detection and swift solutions.



## User acceptance testing

We conduct user acceptance testing to ensure seamless experiences that exceed user expectations



## Regression testing

Regression testing maintains software reliability by reevaluating existing functionalities after code changes to detect and fix potential issues



## Performance testing

Performance testing ensures optimal software efficiency and user experiences under diverse conditions



## Sanity and smoke testing

Sanity and Smoke testing ensure software stability by assessing critical functionalities and basic features early in development



## Compatibility testing

Compatibility testing ensures optimal performance across platforms and devices for seamless user experiences



## Unit testing

Unit testing validates individual software components for accuracy and reliability



# Thank you

Contact us to receive a full  
development proposal

[info@lastingdynamics.com](mailto:info@lastingdynamics.com)

