

# Bubble Dojotoon: Joyful Gaming for Every Child

Welcome, judges and fellow innovators! We are DOJOS, a team of passionate developers (Anfas, Jasir, Akshay, Asheed) dedicated to creating inclusive experiences. Today, we're thrilled to present our project from CareHack: **Bubble Dojotoon** – an inclusive bubble-popping adventure built with love, for every child.



# An Inclusive Bubble-Popping Adventure Built with Love at CareHack

## Team DOJOS:

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4. Asheed



# Bringing Joy Through Inclusive Gaming

At DOJOS, we believe every child deserves the joy of play. That's why we created Bubble Dojotoon, a game designed for fun, empowerment, and true inclusion.

## The Problem: A Gap in Accessible Gaming

Many children with disabilities face significant barriers to enjoying mainstream games.

- Motor skill challenges with standard controls
- Cognitive overload with complex UI
- Social exclusion from mainstream games

# Our Solution – Bubble Dojotoon

Bubble Dojotoon is a game where every child can be a hero. Players simply pop floating bubbles to release beautiful birds or butterflies, creating a delightful and accessible experience for all.

## Joyful

Whimsical visuals and calming sounds create a delightful world.

## Inclusive

Simple, adaptive controls ensure everyone can play with ease.

## Empowering

Positive feedback and rewards build confidence with every pop.



# Gameplay Features: Simple Interaction, Big Rewards



## Floating Bubbles

Bubbles with animated birds/butterflies gently float across the screen.



## Tap to Pop

One-finger interaction makes gameplay intuitive and effortless.



## Joyful Celebrations

Confetti, encouraging voiceovers, and mascot appearances after each success.



## Selfie Feature

Players can capture a moment of victory, celebrating their achievement!



## No Penalties

No time limits or failure conditions, ensuring a stress-free experience.

# Built with Modern, Accessible Tech

Our commitment to accessibility is embedded in our tech stack, leveraging robust tools for a seamless experience.



## React (JavaScript)

For dynamic and responsive user interfaces.



## TailwindCSS

Streamlined UI styling for consistent design.



## Framer Motion

For smooth and engaging bubble physics and animations.



## getUserMedia

Enabling the fun selfie capture feature.



## Pixelify Sans

A playful yet readable font for children.



## Lottie React

For fluid bird animations and confetti effects.



# Designed for All

Accessibility is not an afterthought; it's the core of Bubble Dojotoon. Every design choice is made with inclusive play in mind.

- **One-Tap Controls:** Simplifies interaction for diverse motor abilities.
- **Large Target Zones:** Reduces precision requirements, making it easier to tap.
- **Calming Visuals & Sounds:** Gentle aesthetics and friendly audio prevent overstimulation.
- **Narration Toggle:** Supports children with visual impairments or reading difficulties.
- **No Failure Conditions:** Eliminates stress, ensuring a positive and encouraging environment.
- **Customizable Speeds:** Adapts bubble movement for varied reaction times.

# Impact & Future Vision: One Joyful Tap at a Time

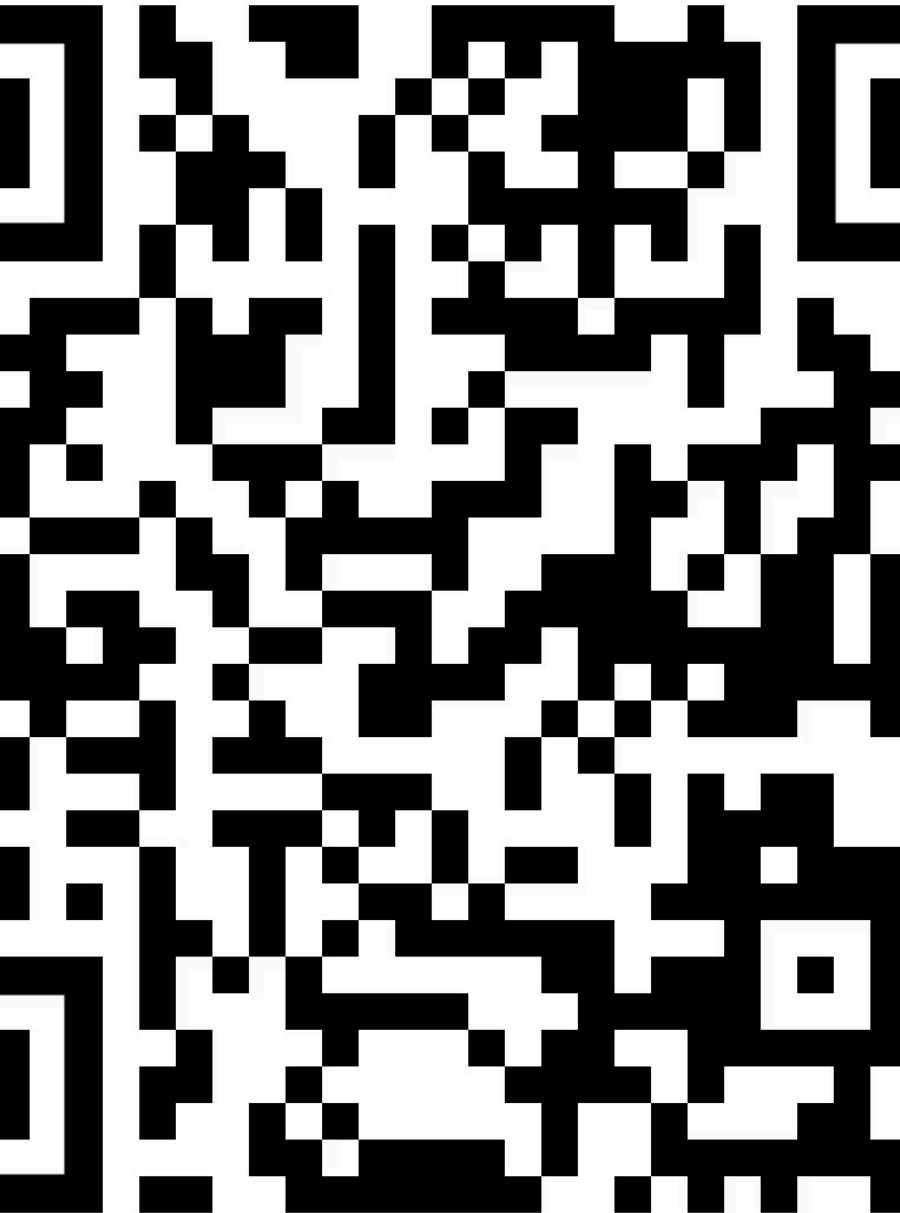
## Immediate Impact:

- **Improving Motor & Cognitive Development:** Enhances hand-eye coordination and focus.
- **Fostering Emotional Wellbeing:** Builds confidence through stress-free, positive play.
- **Raising Standards:** Paves the way for more inclusive game design.

## Future Enhancements:

- **More Types:** Introduce new bird and butterfly designs for variety.
- **Custom Difficulty:** Allow parents to adjust game pace and complexity.
- **Multiplayer Mode:** Enable cooperative play for social interaction.
- **Assistive Tech Integration:** Explore compatibility with external assistive devices.





# Explore, Celebrate, Connect

Ready to experience the joy of Bubble Dojotoon? Scan the QR code or click the links below!

[GitHub Repository](#)

[Contact Us](#)



# Thank You for Believing in Inclusive Play!

We're excited to contribute to a world where every child can experience the magic of gaming. Your support fuels our mission!