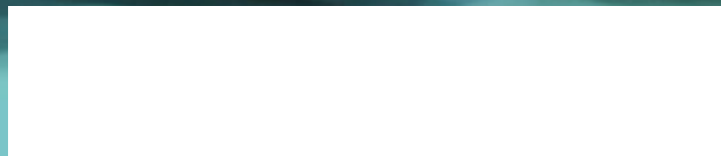


w:onder
workshop
clever together

CUE™

Your robot. Your rules.



Meet Cue...

About Cue

Cue is a clever robot that takes robot interaction to the next level. Tired of boring beeps and buzzes? Communicating with Cue is as easy as chatting with a friend. Send and receive text messages as you share jokes, games, memes, and more.

Four unique hero avatars allow you to choose the robot personality that is right for you. Receive one avatar for free and collect all four as additional in-app purchases.

Give Cue more advanced capabilities by building powerful programs at the skill level that's right for you. Easily convert between block-based programming or text-based code. Create dynamic graphical programs to make Cue react to sensor input with lifelike behaviors. With Control mode, you can directly pilot Cue or engage any of three Emotive AI modes as you seek, avoid, and explore.

Your robot. Your rules.



Onyx



Quartz



Special Edition Color and Software

Cue Quartz

Cue comes in two distinct colors – original **Onyx** and special edition **Quartz**.

The **Quartz** edition will be available exclusively at the Wonder Workshop online store at www.makewonder.com and through Apple retail stores.

Apple Swift Playgrounds

Cue will also support programs written in Apple's Swift programming language. As part of this effort, a new Swift Playgrounds Playbook for Cue will be available in November.



* Apple Swift Playgrounds support for Cue available in November.



Advanced Robotic Technology

Check the Tech

Cue is our most advanced robot to date. Features include new Emotive AI systems, additional memory, improved sensors, upgraded processors, and advanced Bluetooth capabilities. Most importantly, it delivers a level of personality, intelligence and interactive communication unlike any other robot on the market.

Emotive AI

The AI engine that powers Cue's responses, was designed to engage users emotionally. Cue's responses and interactions are peppered with humor and attitude as well as a deep content engine that learns from user interactions. The intelligence surfaces within chat interactions and autonomous behaviors (seek/explore/avoid).

USER PROGRAMMABLE LEDS & BUTTONS

Customize your experience.

REAL TIME BLUETOOTH

Fast, easy connection to Apple iOS and Android smartphone and tablets.

IR RECEIVERS & TRANSMITTERS

Enables Cue to find & interact with other robots and IR beacons.

3 MICROPHONES & SPEAKER

Real time voice triangulation & personalized recording & playback.

DUAL MOTORS & POTENTIOMETERS

Supports head pan & tilt with accurate positioning.

3 PROCESSORS & SENSOR FUSION

Manages complex interactions among actuators & sensors – accelerometer, gyroscope, and wheel encoders.

3 PROXIMITY SENSORS

Detects objects left, right, and back at multiple distances.

2 POWERED WHEELS & ENCODERS

Quick navigation & precise distance tracking on nearly any surface.



Device Compatibility

Cue App Compatibility

A Bluetooth Smart/4/LE-enabled device is required to play with Cue. The Cue app supports a variety of these devices for iOS and Android.

iOS	Model	OS Version
Phones * (11)	<ul style="list-style-type: none">• iPhone 5, 5c, 5s, 6, 6+, 6s, 6s+, SE, 7, 7+• iPod Touch 6G	9.0+
Tablets * (11)	<ul style="list-style-type: none">• iPad 9.7• iPad 3, 4• iPad Air 1, 2• iPad Mini 1, 2, 3, 4• iPad Pro 9.7, 10.5, 12.9	9.0+
Android	Model	OS Version
Tablets (8)	<ul style="list-style-type: none">• Nexus 7 (2013)• Galaxy Tab S 10.5• Galaxy Tab 4 8.0, 10.1• Galaxy Tab E 9.6• Galaxy Tab A 8.0, 9.7, 10.1	5.0+
Phones (14)	<ul style="list-style-type: none">• Galaxy S4, S5, S6, S6 Edge, S6 Edge Plus, S7, S7 Edge• Nexus 5, 5X, 6, 6P• LG G4, G5• Google Pixel	5.0+
Kindle	Model	OS Version
Tablets (7)	<ul style="list-style-type: none">• Fire Kids Edition• Fire HD 6 (2014)• Fire HD 7 (2014)• Fire 7 (2015)• Fire HD 8 (2015)• Fire HDX 8.9 (2014)• Fire HD 10 (2015)	5.1.2+
Tablets (7)	<ul style="list-style-type: none">• Fire Kids Edition• Fire HD 6 (2014)• Fire HD 7 (2014)• Fire 7 (2015)• Fire HD 8 (2015)• Fire HDX 8.9 (2014)• Fire HD 10 (2015)	5.1.2+

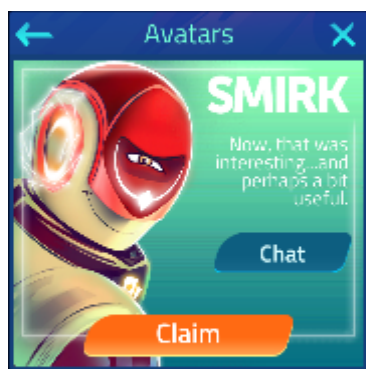
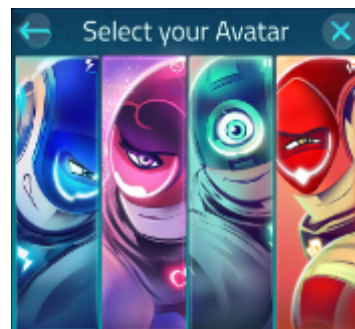
* **Note:** Until we complete performance optimizations with our Cue app in the final release, we don't recommend using iPhone 5, 5c, 5s or iPad mini 1 for testing.



Meet Cue's 4 Hero Avatars

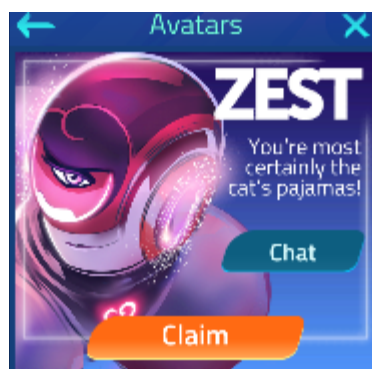
Customize Cue with an Avatar of your choice.

Choose your favorite avatar and explore an amazing depth of personality, expressions, and actions. Go beyond basic robotics with custom interactions that you'll create with Cue. Try chatting with each Avatar before selecting your favorite. Your first Avatar is free and others can be activated for \$4.99 each with an in-app purchase.



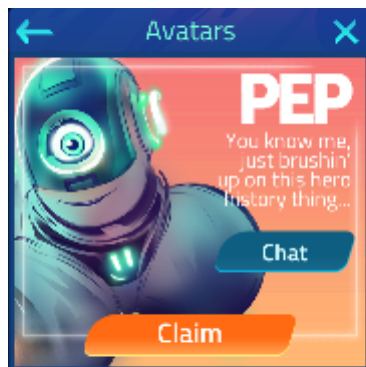
Smirk - Roguish Risk Taker

Smirk is a charming, boastful personality who loves to game the system as partner or challenger.



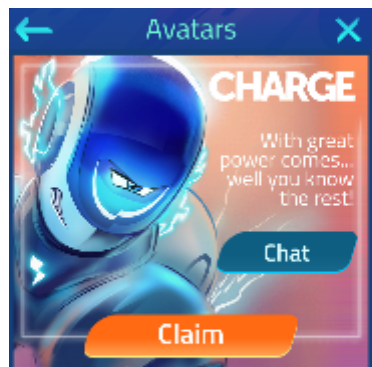
Zest - Flair Extraordinaire

Zest is a smooth talker who loves to encourage, compliment and show off.



Pep - Eager Achiever

Pep is super eager, but at times unsure of itself. Pep is always looking to learn and cheer on teammates.



Charge - Compassionate Commander

Charge is a born leader who loves to help others with instructional tasks and game strategies.

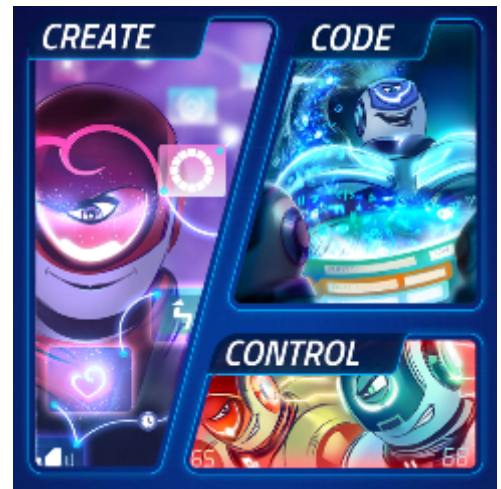
* Over 1200 recorded phrases from 5 different actors.



Super-Powered Software

With great power comes...

an even greater software experience. The Cue app provides four unique ways to engage: Chat, Create, Code, and Control.



Chat

Send and receive text messages to discover each avatar's personality. Explore the snappy answers, crazy memes, and jokes.

Control

Engage Cue's intelligent auto modes (seek, avoid, and explore) to navigate tight corners or obstacles while expressing its charm.

Create

Discover a freestyle environment to program dynamic behaviors using Cue's proximity sensors, encoders, gyro, accelerometer, microphones and more.

Code

Unlock your true coding potential by choosing the skill level that's right for you. Build your program with blocks or toggle to text mode.



Unpacking Cue

1. Open Box

Pull down the front side of the box.



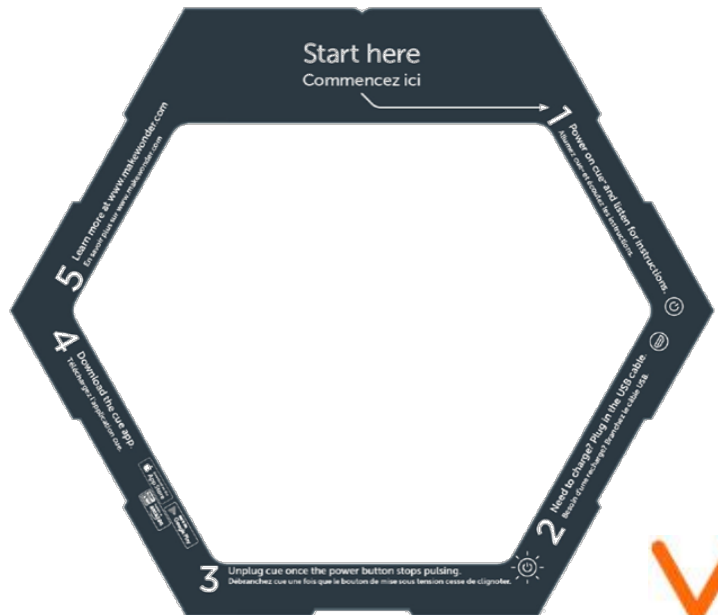
2. Removing the Robot from the Box

Disconnect the connectors on the sides of the robot's wheels. Pull the connectors outward, away from the robot's body.



3. Getting Started

Follow the 5 simple steps on the inside cover of the box to get started.



Need a charge?

1. Charging Cue

If Cue needs to be charged, insert the included USB cable into the port on the right side of the body.



2. Power On

The Power Switch on the left side of the robot will start glowing while the robot is charging. When the switch stops glowing, the robot is fully charged.



Initial Start-up Experience

Who is Cue™?

Cue has a default personality right out of the box. When powered on, this personality will introduce you to some of the robot's features and prepare you for the selection of your first avatar. The Cue app is not required for this experience.

Fist Bump

Help Cue test its proximity sensors and say “How do you do” with a fist bump.

Sound Location

As your new robot companion, Cue is a great listener. Help Cue test the 3 microphones used to detect sound and determine the location of voices.

Mobility

With four powerful and precise motors, Cue is ready to move, sashay, dance and run circles around you. Help Cue test the wheel encoders to detect movement and travel at fun speeds.



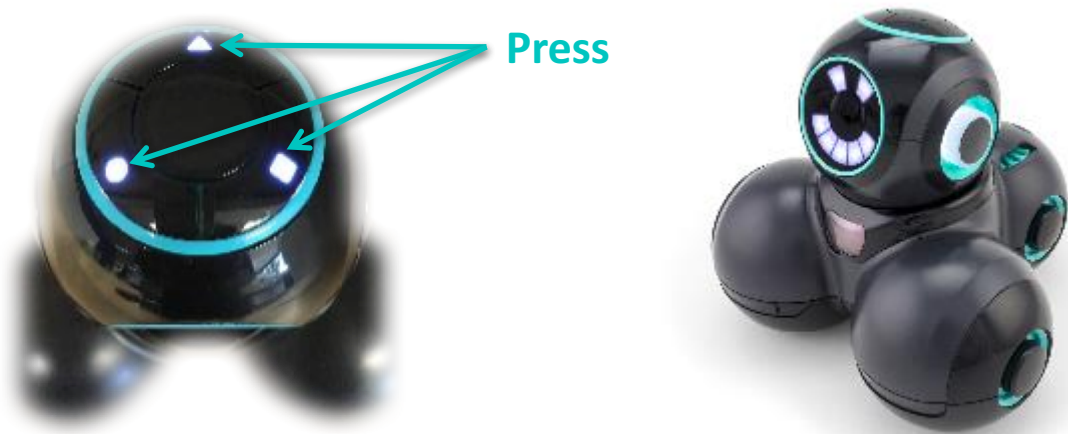
Hidden Push Game

Game On

Shhhh! Cue has a secret. Press any of the outer buttons on the Cue's head to activate a secret game mode. Cue will provide vocal instructions for how to play the game.

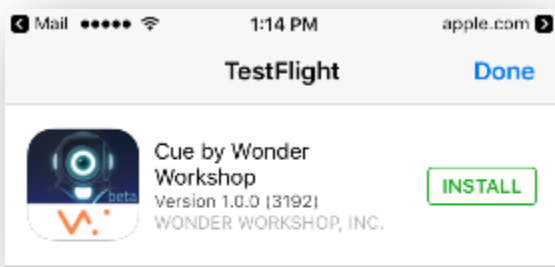
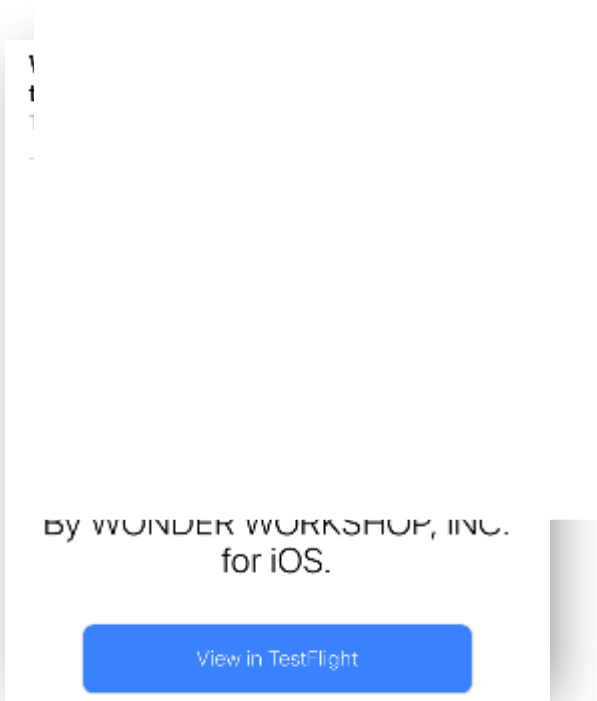
Note:

The game mode can be accessed whenever the robot is not connected to the app. Just press any of the outer buttons on the robot's head to start the game. Press the large round button in the center of the robot's head to restart the game. Press the large round button twice to exit the game.



*Over 250 hidden Easter eggs to be discovered.





3. Install the Cue app

Inside the TestFlight app, click the INSTALL button. This will install the Cue app onto the device.



Connect Cue to your mobile device



1. Launch App

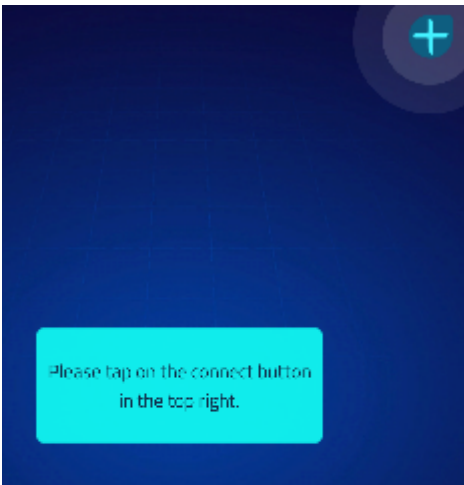
After the Cue app is installed, tap the app icon to launch it. After the Wonder Workshop logo, the start screen will appear. Tap the orange **PLAY** button.

To receive the full Cue App experience, allow notifications when prompted.

"Cue" Would Like to Send You Notifications
Notifications may include alerts, sounds, and icon badges. These can be configured in Settings.

Don't Allow

Allow



2. Connect Robot

Make sure the robot is powered on. Then, tap the pulsing **Connect Button** in the upper right corner of the screen.



3. Select Robot

When the Robot Connection Menu appears, tap the image of the robot to connect.

Cue will begin speaking once you are connected.

Communication in progress

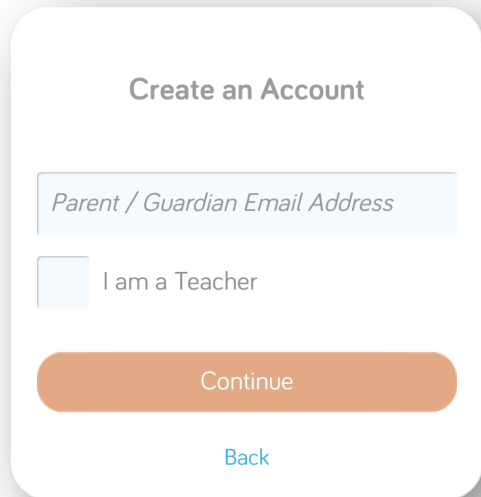


Account Setup



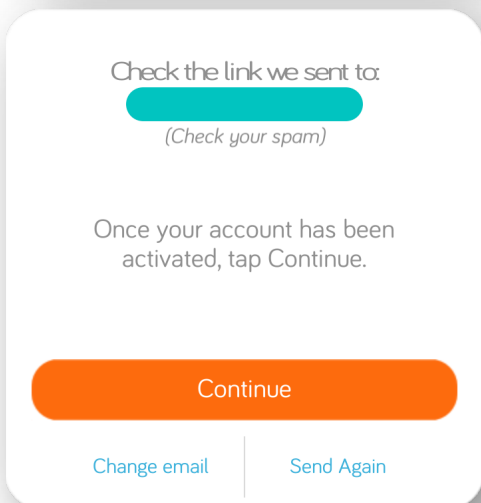
1. Account Creation

After Cue connects to the app, you will be instructed to create a Wonder Workshop account. Tap the “Create an Account” button.



2. Account Information

Enter the email you want to use and tap the CONTINUE button.

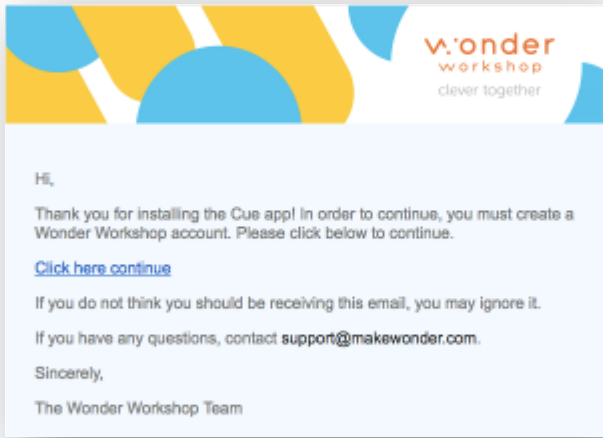


3. Account Confirmation

A confirmation email will be sent automatically. Open the email and follow the instructions to finish creating your account.

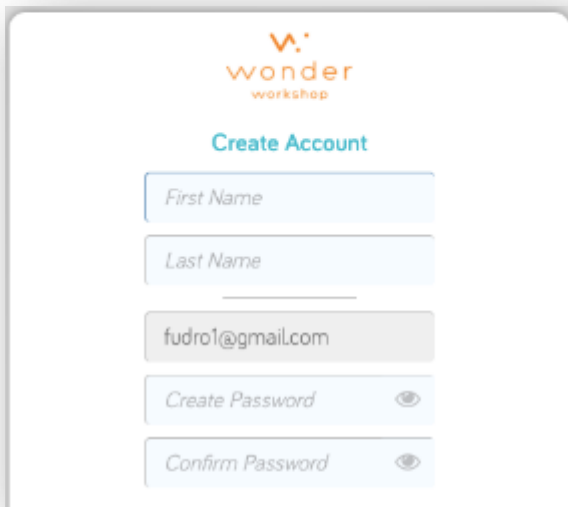


Email Confirmation



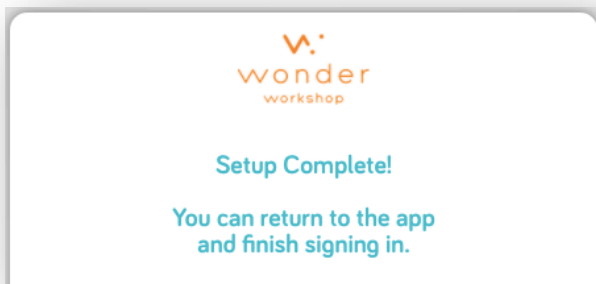
1. Open Email

A confirmation email will be sent to the email address you entered in the app. Be sure to check your spam folders.



2. Create Password

Enter the requested information and create a password for your Wonder Workshop account. You will need this password when you return to the app.



3. Confirmation Complete

When the setup is complete, you can return to the app and log in.



App Login

Check the link we sent to:



(Check your spam)

Once your account has been activated, tap Continue.

Continue

[Change email](#)

[Send Again](#)

1. Accessing the App

When you first return to the app after account creation, tap the CONTINUE button.

For subsequent app sessions, you can log in by tapping the “I have an Account” link.

Create an Account

[I have an Account](#)

2. Enter Password

Enter the password you created during the email confirmation.

For subsequent app sessions, you will need to re-enter your email as well.

Log In

Email Address

Password

Log In

Log In

Enter Password

Your password was created during the account activation process, via email.

Log In

[Back](#)

[Forgot Password?](#)

3. Success

When you successfully log in, Cue will start speaking again and inform you that it is time to meet the hero Avatars.

Communication in progress



Choose your Avatar

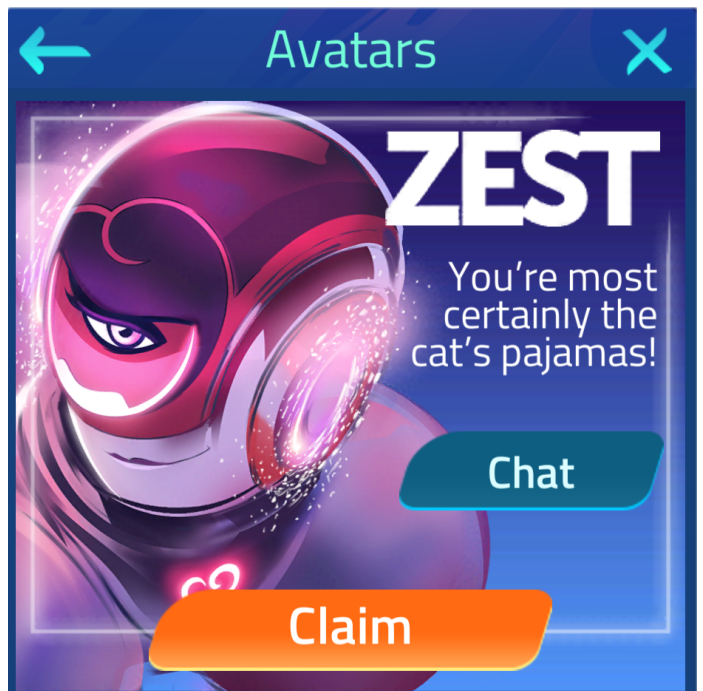
Heroic Adventure Awaits!

Customize Cue with your favorite avatar and explore an amazing depth of personality, expressions, and actions. Go beyond robotics by creating custom interactions for Cue. Tap an avatar image to learn more about each one.



Try before you buy

Chat with the Avatars before claiming your favorite. But you don't have to settle for just one. Your first Avatar is free and others can be activated for \$4.99 each with an in-app purchase.



* Please use the iTunes gift card that you have been provided to try all the Avatar's on us!



Start Your Hero's Journey

Lobby Launchpad

Whatever your mission, you can launch it from the Lobby. Use the Lobby as the central hub for all of your adventures with Cue.

Account Profile

Customize your profile and manage your account.

Robot Connection

Switch Avatars and adjust your robot's settings

Create

Build freestyle state machines with dynamic sensor input.

Code

Build programs using block commands or text.

Chat

Share texts, jokes, songs, and games.

Control

Manually pilot Cue or use one of the auto modes.



Chat

Chatting with Cue

Interact with a robot like never before. Send and receive text messages to share witty comments, crazy memes, funny jokes, and even songs.

Avatar Icon

Chat with each avatar for a variety of fun conversations.

Mixed Media

Avatars respond with text, emoji, GIFs, voice, and animations.

Quick Responses

Type in custom responses or tap a suggested response.

Tips and Tricks

Try entering some of these text messages for a fun surprise.

- "joke"
- "make me a sandwich"
- "sing a song"
- "do you have a fidget spinner"
- "can you smell that"

Chat History

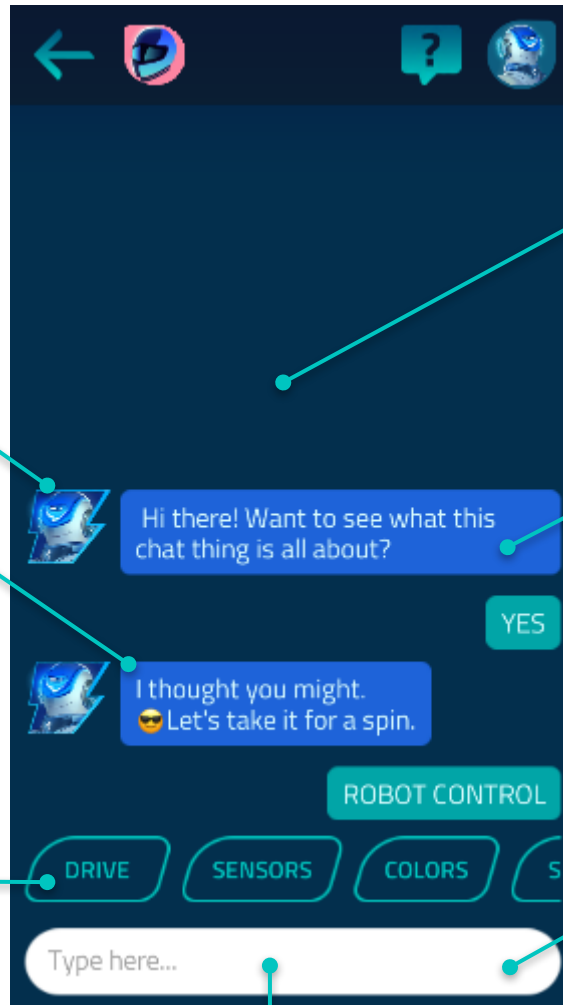
Scroll to view the previous messages and easily pick up where you left off.

Chat Library

30,000 chat responses with a vocabulary of over 170,000 words. Plus more than 250 conversation starters and over 250 hidden surprises.

Custom Entry

Chat the way you like with full text entry including emoji support.



Control

Robot Control

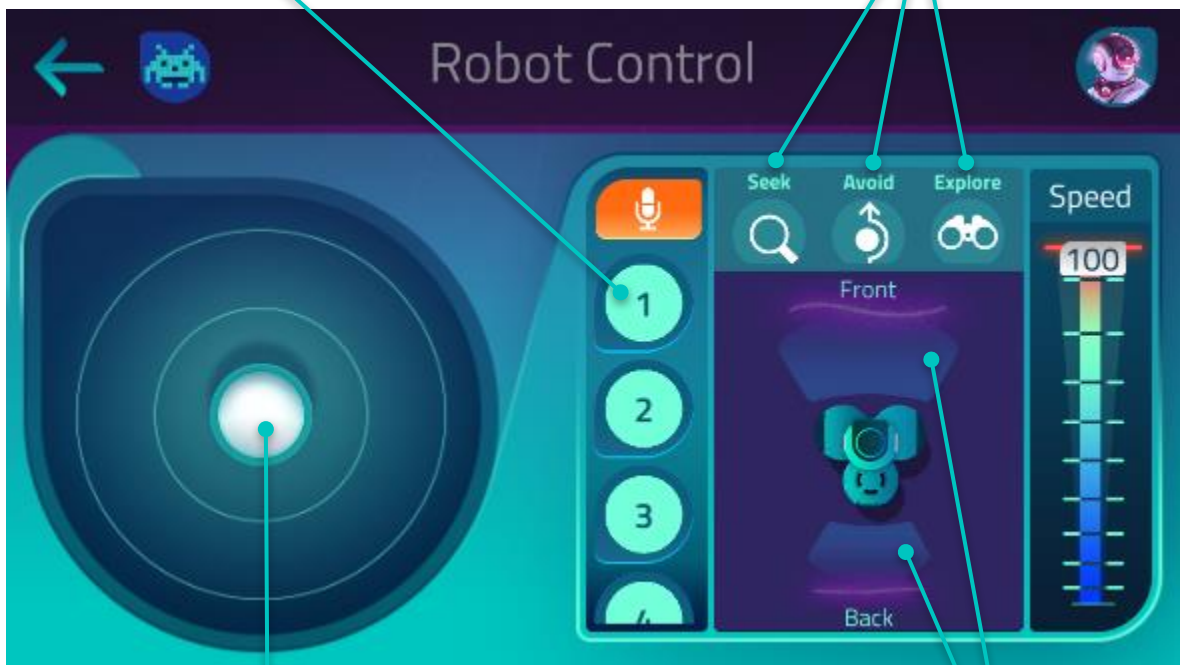
Time to take Cue for a spin. Hear witty comments from your favorite Avatar as it critiques your driving skills. Engage one of the auto modes to use Cue's sensors as you seek, avoid, and explore.

Custom Sounds

Record up to 10 custom sounds for playback on Cue.

Emotive AI

Let Cue be your co-pilot with expressive auto modes.



Directional Joystick

Manually control Cue's speed and direction. Works alone or with auto modes.

Sensor Display

See proximity sensor input in real time.



Code

Flexible coding for any skill level

Cue's coding environment is based on MakeCode™ from Microsoft and offers a unique Block to JavaScript coding experience that lets users toggle back and forth as needed.

Block / Text

Quickly toggle back and forth between block commands and text code

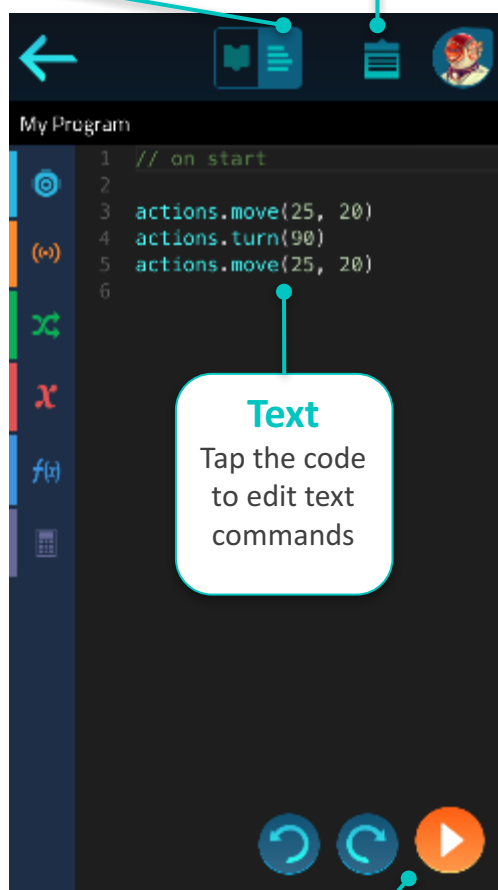
Coding Content

Improve your coding skills with 24 challenges and 6 demo programs



Blocks

Drag and drop blocks to build your code



Text

Tap the code to edit text commands

Code Toolbar

Build your code with a blend of Actions, Events, Control Structures, Variables, Math Operations, and Functions

Controls

Tap PLAY to run your program. Quickly edit your program with Undo/Redo buttons.



Create

Freestyle Fun

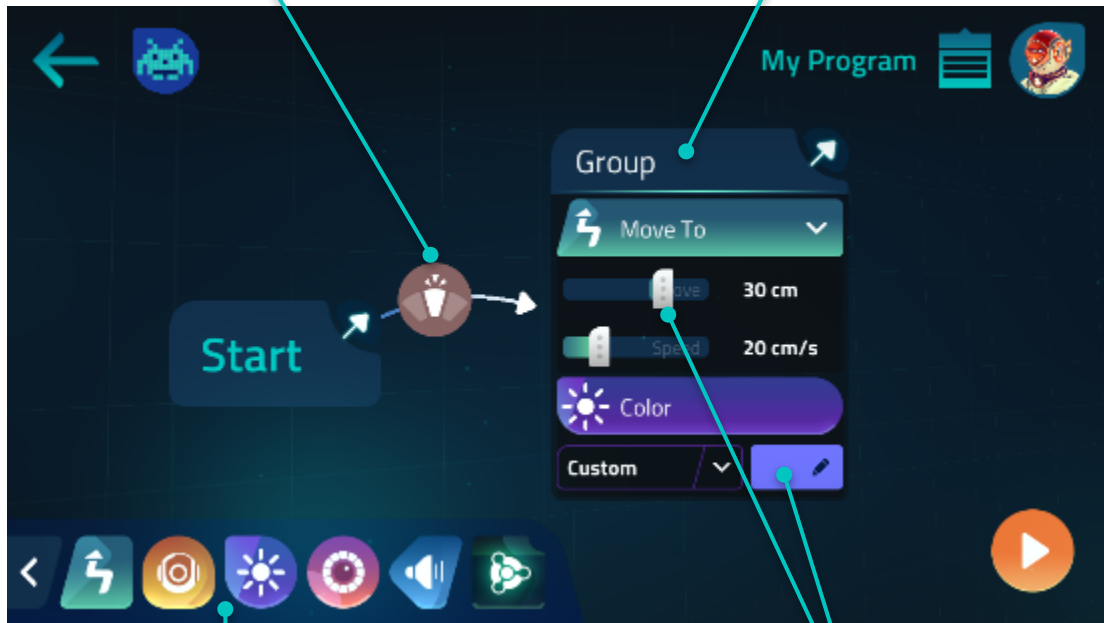
Use Wonder Workshop's proprietary graphical programming language to create incredibly dynamic programs for Cue. Choose from 6 different Action categories and 80 built-in sounds plus 10 custom sound slots to bring your creative ideas to life.

Conditional Links

Use links to direct the flow of your program. Tap the link icon to change the triggering condition.

Groups

Use Groups to combine multiple Actions and run them at the same time.



Action Categories

Choose from a variety of Actions to make Cue move the body and head, activate lights, react to sensor input, and play sounds.

Easy Editing

Use intuitive touch controls to customize each Action.



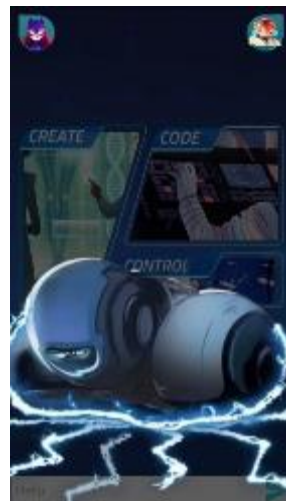
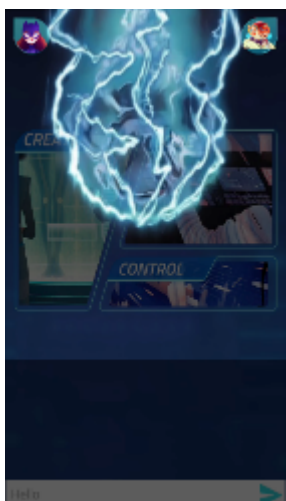
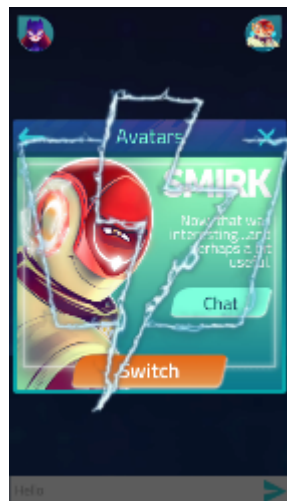
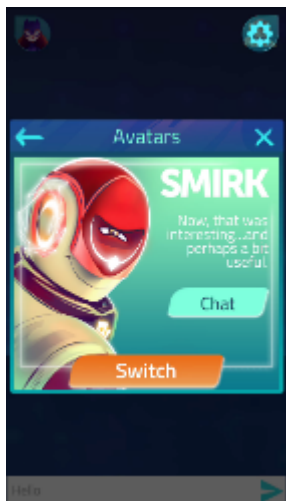
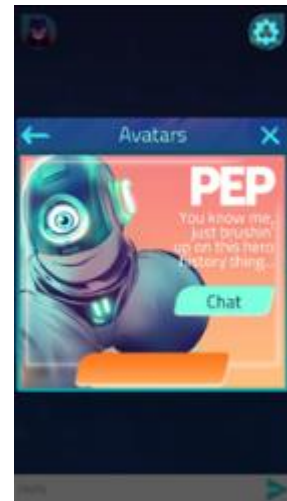
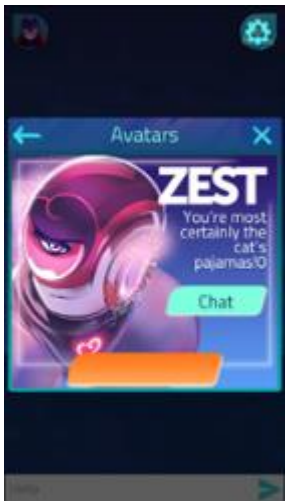
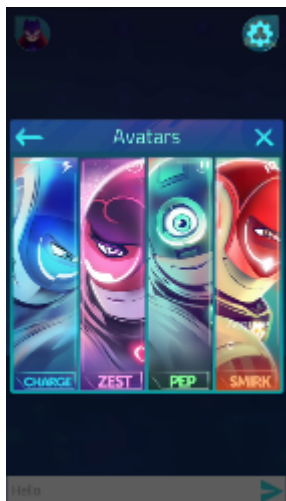
Appendix



Select your avatar & watch it come to life

Avatar Selection

XXXXXXXXXXXXXXXXXX

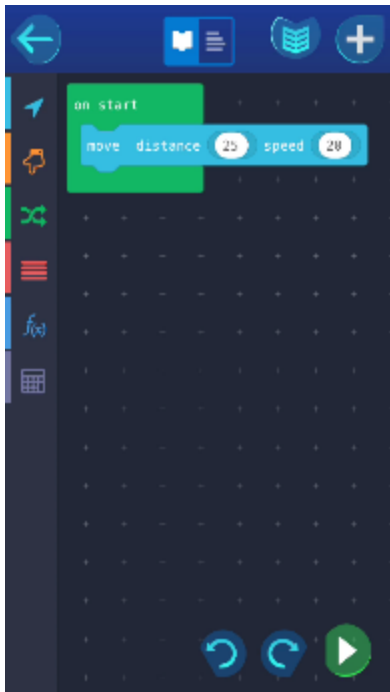


Code

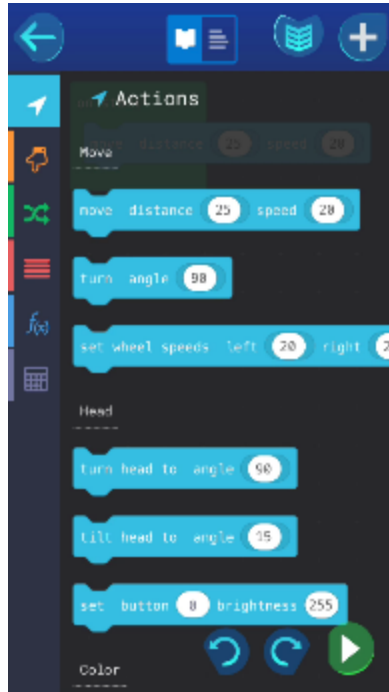
Flexible coding experience for any skill level

Cue's coding environment is based on MakeCode from Microsoft and offers a unique Block to JavaScript coding experience that let's users toggle back and forth as needed.

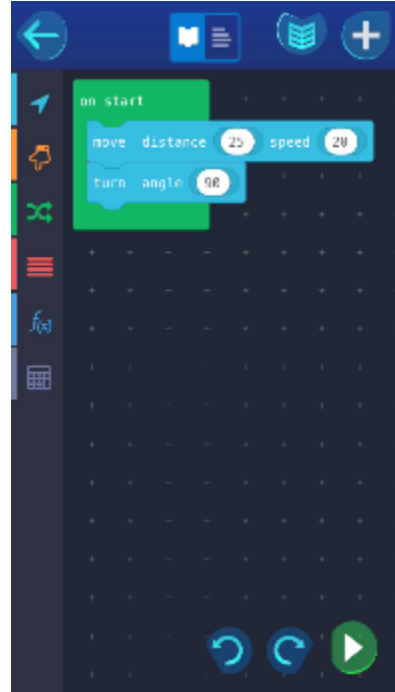
Start Block Coding



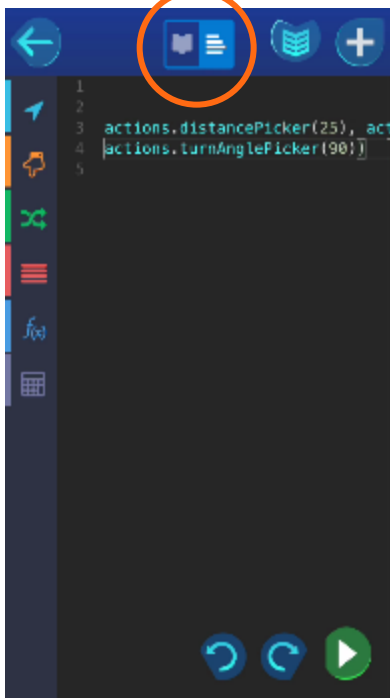
Choose Action



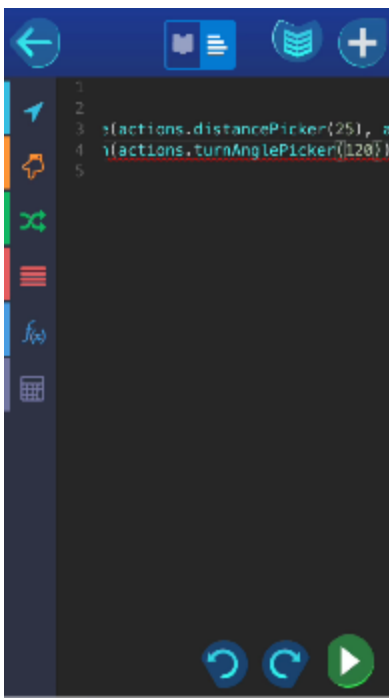
Drag & Drop into Place



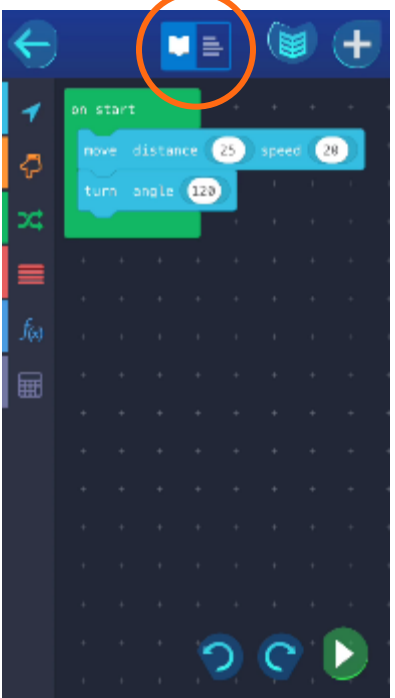
Toggle to JavaScript View



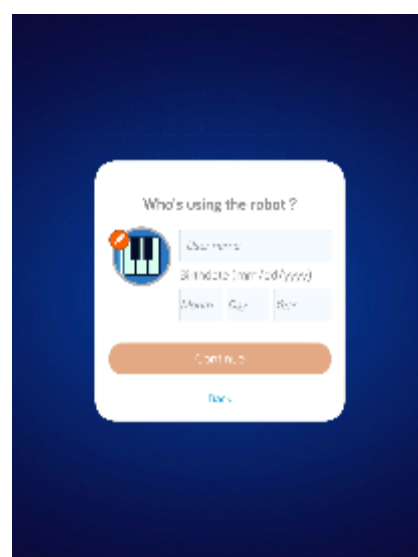
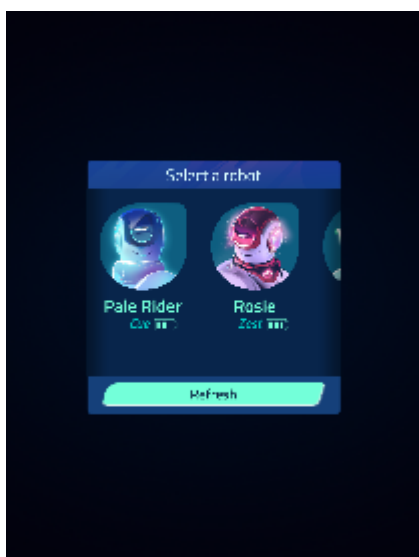
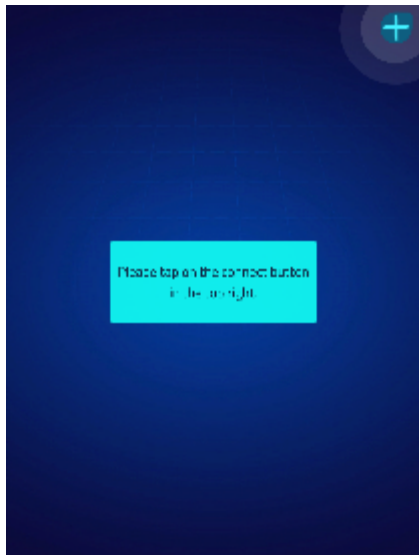
Edit Text Code



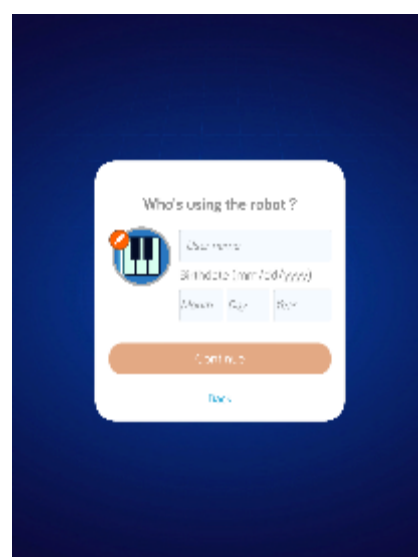
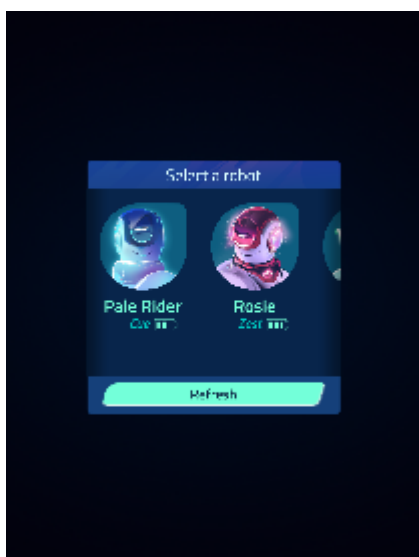
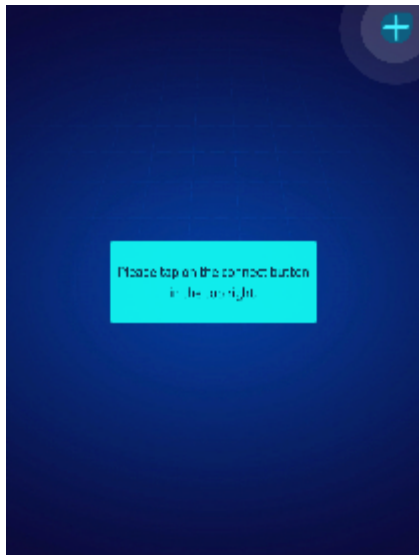
Toggle Back to Block Coding



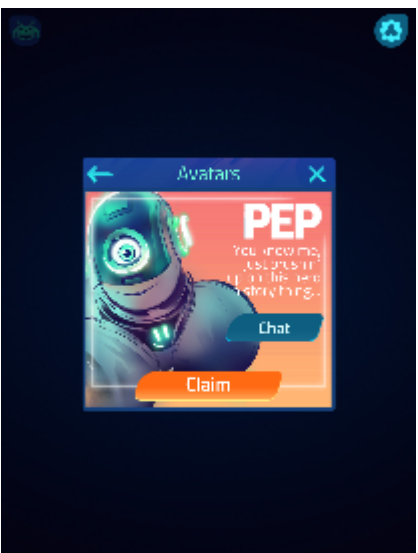
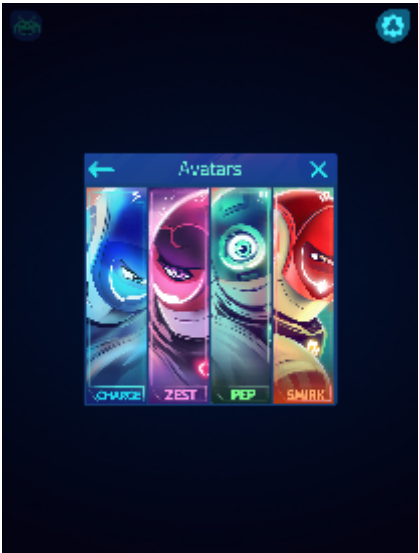
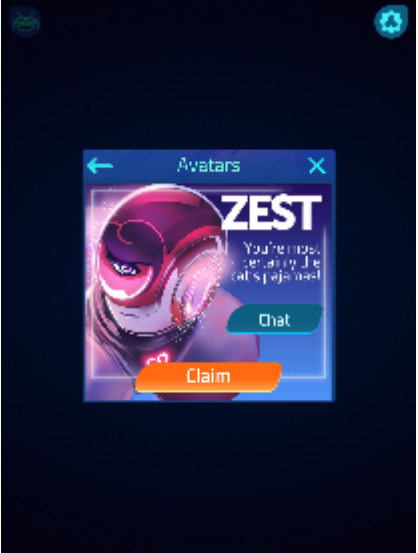
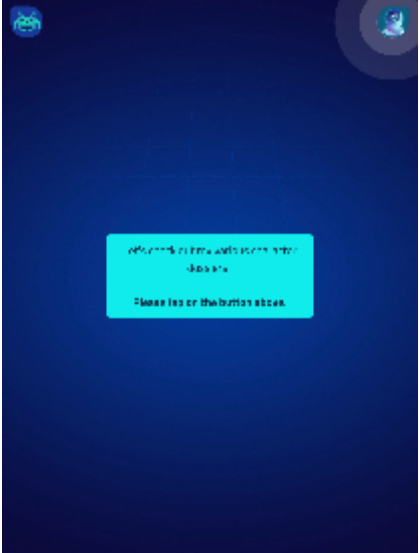
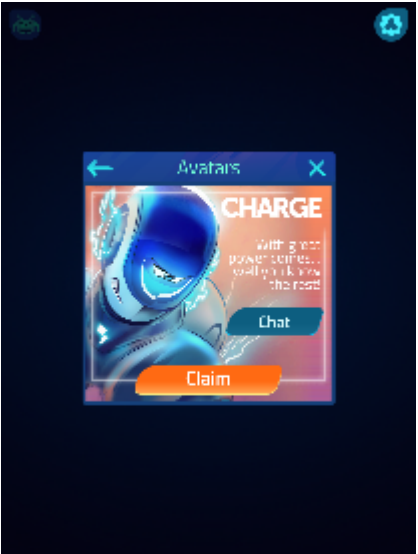
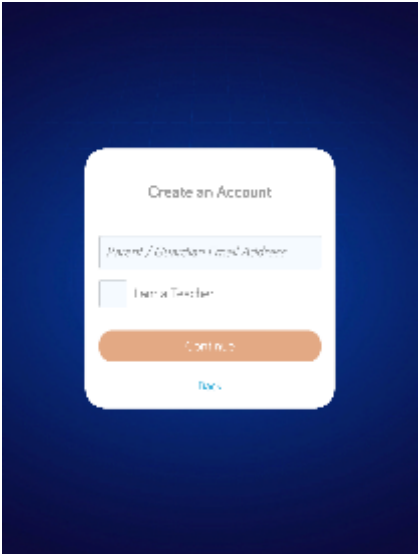
Step-by-Step Account Setup



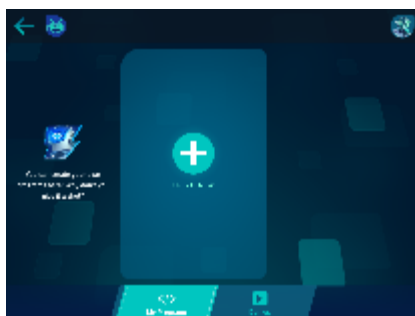
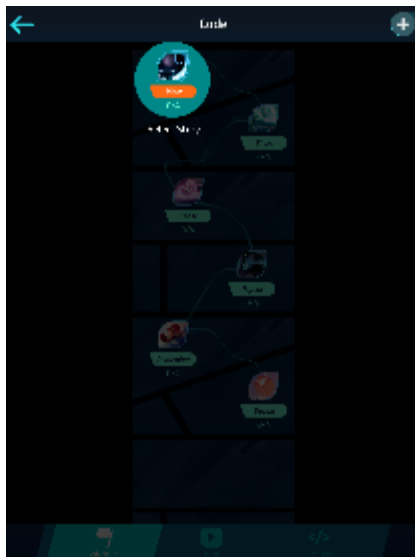
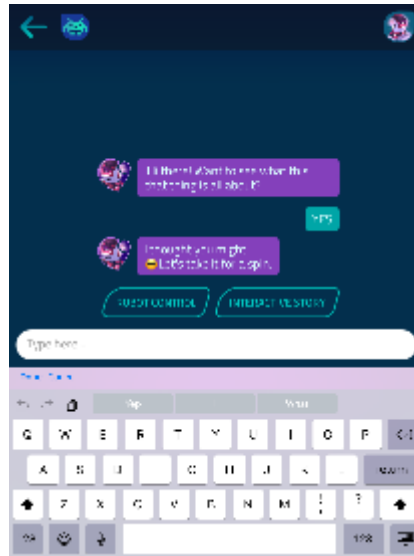
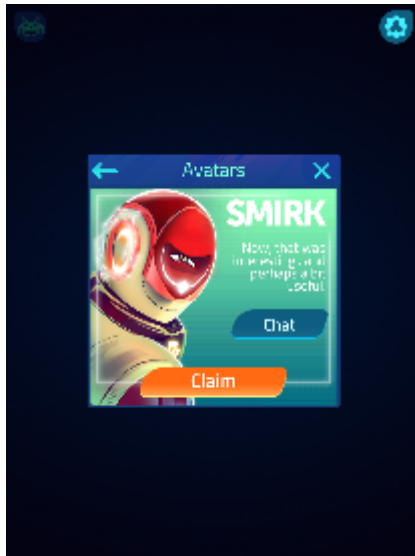
Step-by-Step Account Setup



Setup & Avatar Introduction



Start Chatting with an Avatar



In the Box...

Cue™ the CleverBot

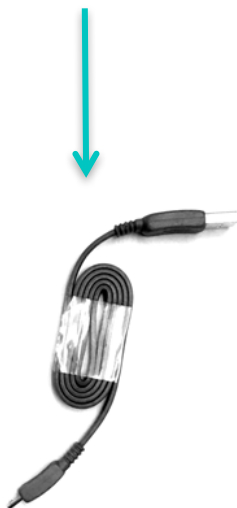
Powered by breakthrough Emotive AI, Cue is a witty robot with attitude! Share your world with Cue as it talks, texts, and laughs with you.

Charging Cable

Keep Cue powered up and ready to play with the included USB charging cable.

Building Brick Connectors.

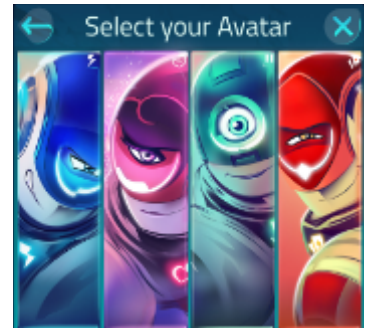
Build upon the Cue experience by using these connectors. Create a custom costume, design an awesome attachment, or add any additional feature you can imagine.



Meet Cue's 4 Hero Avatars

Customize Cue with an Avatar of your choice.

Choose your favorite avatar and explore an amazing depth of personality, expressions, and actions. Go beyond basic robotics with custom interactions that you'll create with Cue. Try chatting with each Avatar before selecting your favorite. Your first Avatar is free and others can be activated for \$4.99 each with an in-app purchase.



Smirk - Roguish Risk Taker

Smirk is a charming and boastful personality who loves to game the system. Smirk will gladly play competitively against or collaboratively for the user.



Zest - Flair Extraordinaire

Zest likes to show off and does everything with a bit more flair. Zest encourages the user to always add the extra effort to make their creations not only functional, but breathtaking.



Pep - Eager Up & Comer

Pep is super eager to give things a try, but is sometimes unsure of the outcome. Even when a mistake is made, Pep does a great job learning from the experience and sees the user as a fellow student looking to do the same.



Charge - Compassionate Commander

Charge was built to lead and sees leadership as a way to help others solve issues. Trouble is, Charge can sometimes become overwhelmed by the issues at hand and may need a little help from the user.

* Over 1200 recorded phrases from 5 different actors.