

WhizBot -User Operations Manual

Product Name: WhizBot™

Product Category: Compact AI Service Robot

Software Stack: WhizApp™ & WhizGreet™



Table of Contents

- 1. Software Overview**
- 2. User Roles & Access Levels**
- 3. Home Screen & Navigation**
- 4. Application Overview & Functionality**
 - 4.1 Reception & Engagement Applications
 - 4.2 Media & Content Applications
 - 4.3 System & Utility Applications
 - 4.4 Learning & Education Applications
 - 4.5 Presentation & Demonstration Applications
 - 4.6 Activity & Performance Applications
- 5. Learning & Interaction Capabilities**
- 6. Multilingual Support**
- 7. Content & Lesson Management**
- 8. Reception & Greeting Capabilities**
- 9. Media & Engagement Features**
- 10. Voice Interaction Capabilities**
- 11. Desktop Customization & Personalization**
- 12. Software Updates & Connectivity Notes**
- 13. Dance & Performance Application**
- 14. Wander Application**
- 15. Software Limitations & Best Practices**
- 16. Reference to Other Documents**

1. Software Overview

WhizBot operates on an integrated software platform designed to support learning, interaction, engagement, and assisted guidance in indoor environments.

The software enables users to interact with WhizBot through voice and touch, manage learning content, deliver multimedia experiences, and configure system behavior based on deployment needs.

This guide explains the available software applications and capabilities available on WhizBot.

2. User Roles & Access Levels

WhizBot supports multiple user roles to ensure appropriate access and safe usage.

- **General Users:** Can interact with learning content, ask questions, and participate in activities.
- **Operators:** Can launch applications, manage content, and control engagement modes.
- **Administrators:** Can configure system settings, manage connectivity, and control access permissions.

Some applications and settings may be restricted based on user role.

3. Home Screen & Navigation

The Home Screen serves as the main interface for accessing WhizBot's software features.

From the Home Screen, users can:

- Launch applications
- Access learning and engagement modes
- Navigate using touch gestures
- Return to the previous screen using on-screen controls

The interface is designed to be simple and intuitive for users of all age groups.

4. Application Overview & Functionality

WhizBot includes a set of built-in applications designed to support learning, reception, engagement, and system operation.

The availability of applications may vary based on configuration and deployment.

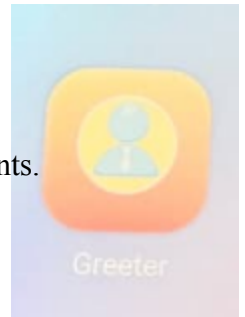
4.1 Reception & Engagement Applications

Reception Application

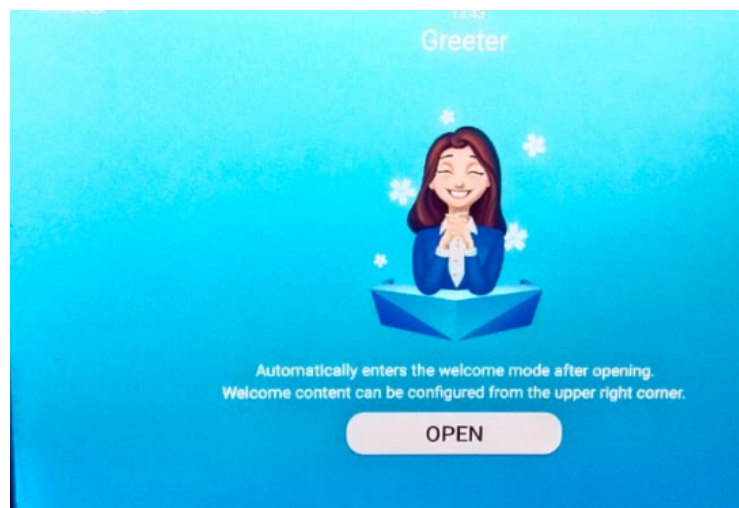
Enables WhizBot to function as a smart reception assistant in public-facing environments.

Supported features include:

- Greeting visitors
- Displaying welcome messages
- Providing basic guidance or information
- Optional personalized interaction when enabled



This application is suitable for entrances, lobbies, and reception areas.

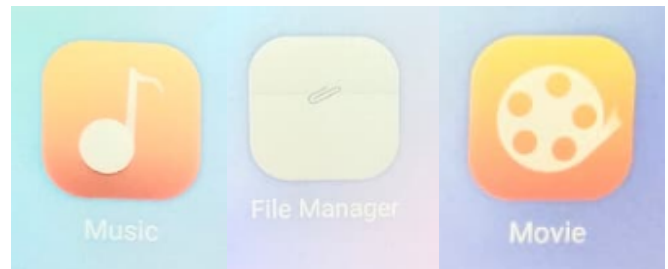


4.2 Media & Content Applications

Media Player

Supports playback of approved multimedia content

- Videos
- Images
- Audio files



Media playback is commonly used for learning sessions, announcements, and presentations.

Content Manager

Allows authorized users to manage locally available learning and media content.

Capabilities include:

- Organizing content
- Loading approved content for sessions
- Managing presentation materials

4.3 System & Utility Applications

System Settings

Provides access to essential system configuration options, including:

- Network connectivity
- Audio and display preferences
- Language selection
- Power-related behavior

System settings are typically managed by administrators or authorized users.

Device Management Tools

Support basic system monitoring and update-related actions.

Some system-level applications may be restricted based on access level.

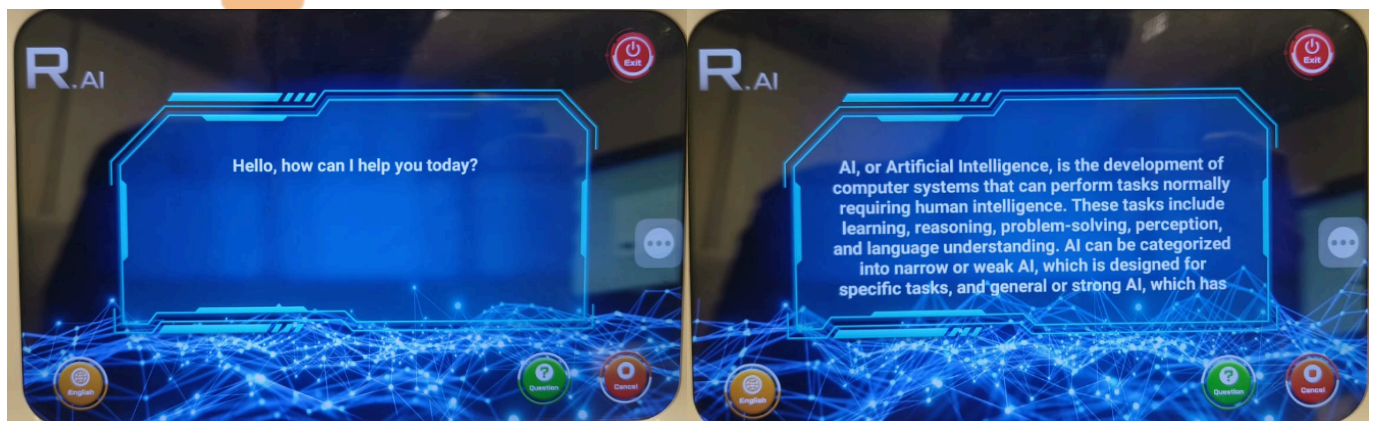
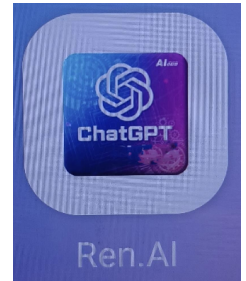
5. Learning & Interaction Capabilities(Ren.AI)

WhizBot supports interactive learning through a combination of voice interaction and touch-based input.

Users can:

- Ask questions naturally
- Receive spoken and visual explanations
- Follow guided learning activities

Learning behavior may adapt based on selected language and context.



6. Whizflix (Multilingual Learning & Interaction)

Whizflix is a multilingual, AI-enabled learning application designed to support interactive education and guided learning on Whizflix.

Whizflix supports multiple languages, including:

- Hindi
- English

- Gujarati
- Tamil
- Marathi

Through voice and touch interaction, Whizflix allows users to:

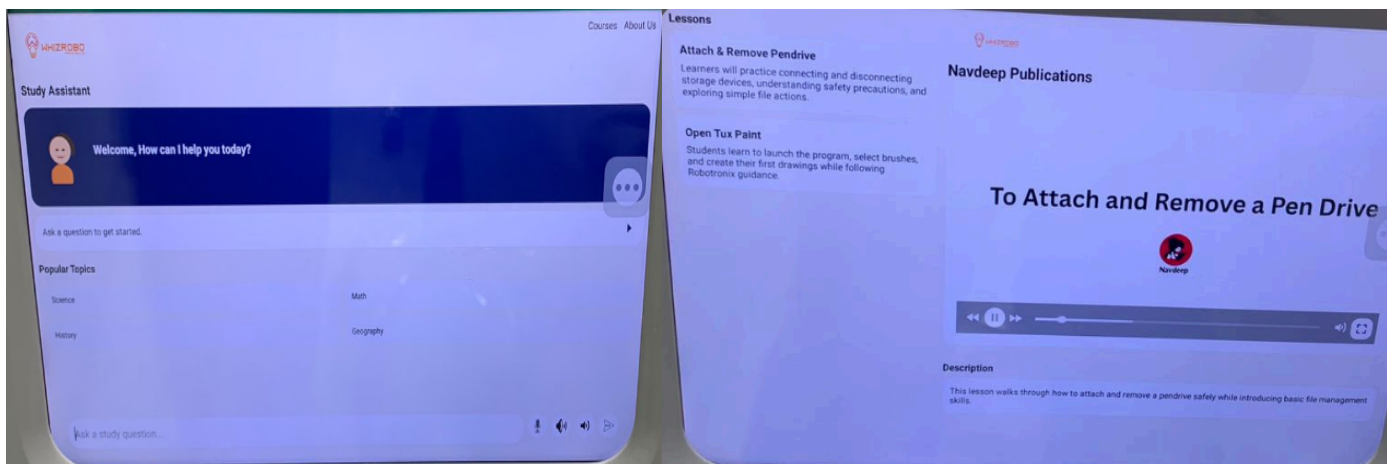
- Ask questions and receive clear, age-appropriate explanations
- Access structured learning content across academic and skill-based topics
- Interact with lessons designed for classroom and guided learning use

Whizflix includes learning modules and courses that integrate robotics concepts and hands-on activities using compatible robotics kits. These courses are supported by an integrated learning management system (LMS) that enables organized content delivery and structured progression.

WhizApp is suitable for:

- Schools and educational institutions
- Learning labs and innovation centers
- Guided learning and demonstration environments

Content can be tailored to different age groups and learning objectives.



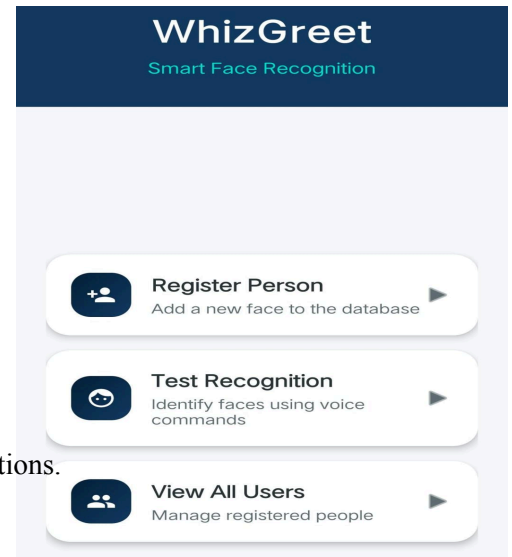
7. WhizGreet (Smart Greeting)

WhizGreet allows WhizBot to function as a friendly greeting assistant.

Functions include:

- Welcoming visitors when they approach
- Displaying greeting messages or visuals
- Providing spoken prompts or basic guidance
- Optional recognition-based personalization (if enabled)

WhizGreet is ideal for entrances, reception areas, and public-facing locations.



9. Desktop Management Application

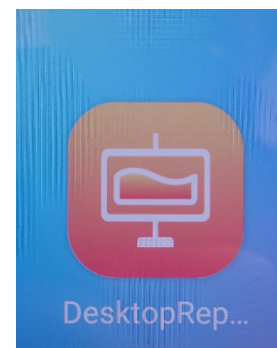
The Desktop Management application allows authorized users to customize the WhizBot home screen for easier access to commonly used features.

Using this application, users can:

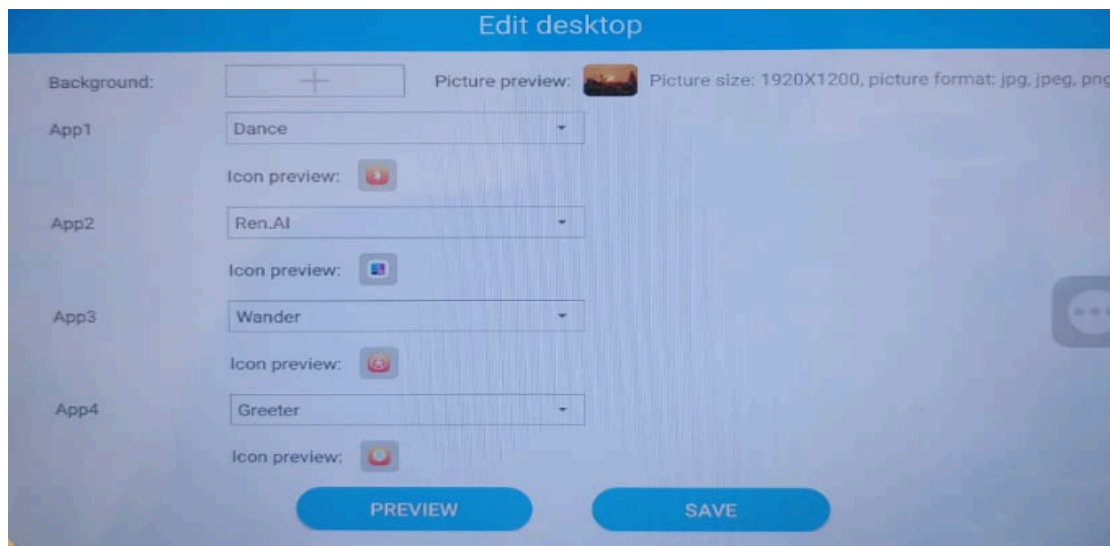
- Set or change the desktop background image
- Select preferred applications for quick access
- Arrange shortcut icons on the home screen
- Preview layout changes before saving

Supported customization options include:

- Uploading compatible background images
- Assigning frequently used applications to shortcut slots
- Managing icon appearance and placement



This application helps adapt the interface for different environments such as classrooms, reception areas, or event setups.



10. Projector

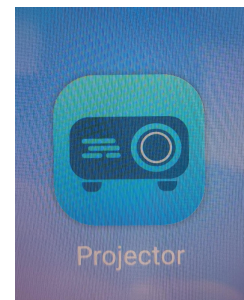
The Projector application enables WhizBot to display visual content on external surfaces for learning, presentations, and demonstrations.

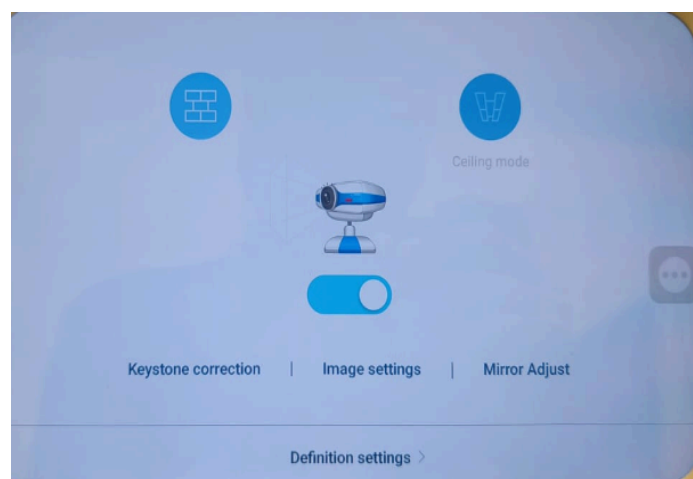
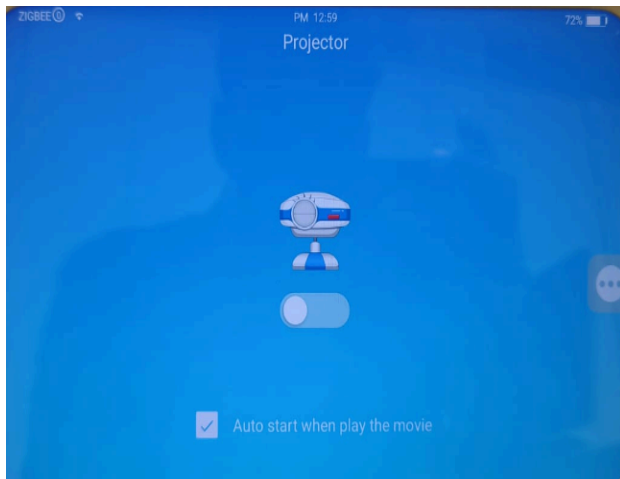
Using this application, users can:

- Activate and control the built-in projection function
- Adjust image alignment and orientation
- Configure display settings for optimal viewing
- Automatically start projection when playing compatible media

Supported features include:

- Keystone correction for image alignment
- Image adjustment options for brightness and clarity
- Mirror and orientation control
- Automatic projection during media playback (when enabled)



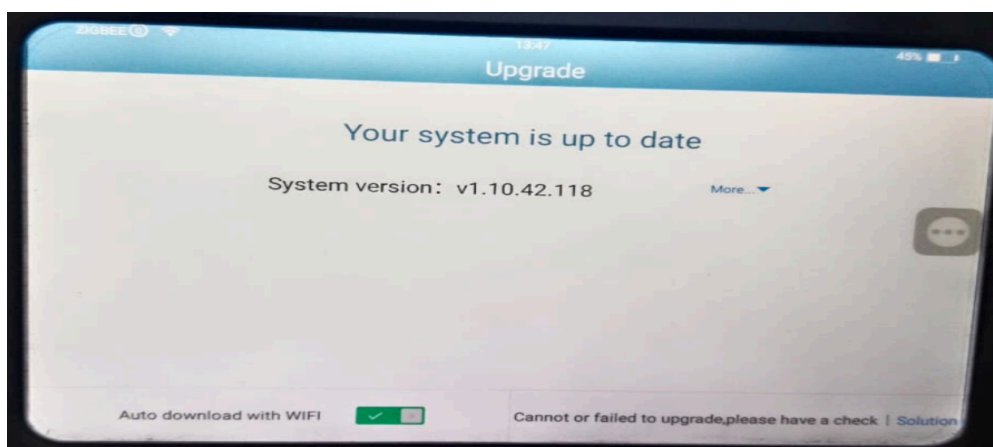


11. Software Updates & Connectivity Notes

Software updates may be provided periodically to improve performance and add new features.

Best practices include:

- Maintaining a stable Wi-Fi connection
- Installing updates when prompted
- Restarting the system after updates if required

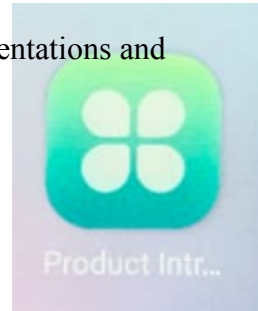


12 Product Introduction Application

The Product Introduction application enables WhizBot to deliver structured presentations and guided demonstrations about products, services, or learning topics.

Using this application, users can:

- Display pre-configured presentation content
- Navigate between different presentation sections
- Play demonstration materials and visual explanations
- Use voice interaction to initiate or control presentation flow

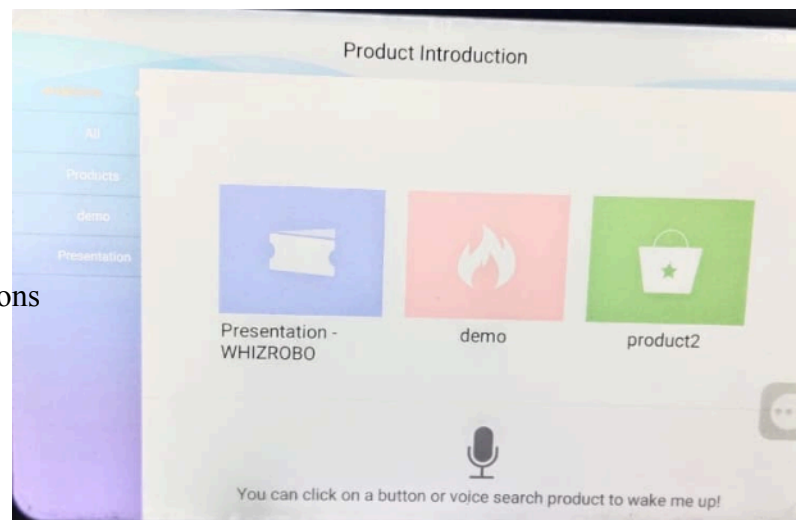


Supported content types may include:

- Slide-based presentations
- Demonstration videos
- Product or topic overview modules
- Interactive visual segments

This application is commonly used for:

- Company and institutional presentations
- Product showcases
- Classroom demonstrations
- Exhibition and event displays

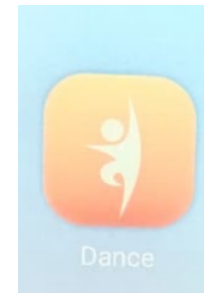


13. Dance & Performance Application

The Dance & Performance application enables WhizBot to perform coordinated movement routines for entertainment, engagement, and demonstrations.

Using this application, users can:

- Select from pre-installed performance routines
- Create or customize movement sequences
- Combine movements with music or audio playback
- Preview routines before execution

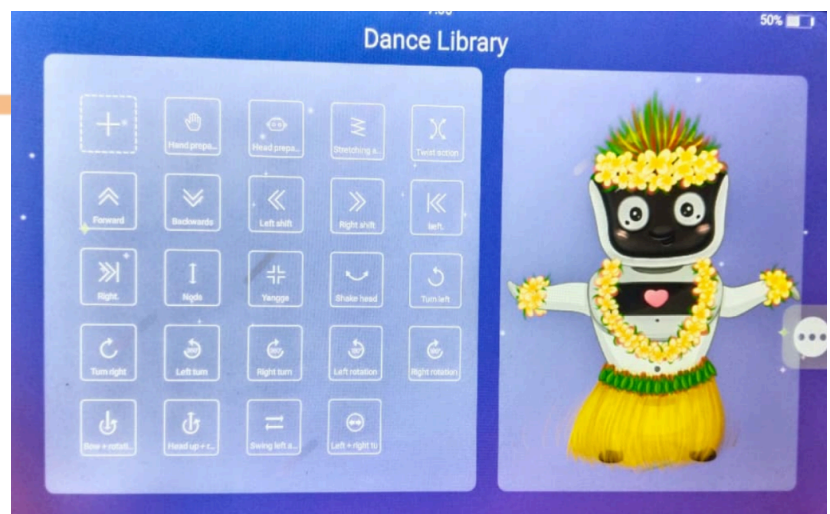


Supported features may include:

- Individual movement actions
- Predefined dance sequences
- Gesture and posture coordination
- Timing and rhythm control

This application is commonly used for:

- School events and celebrations
- Classroom engagement activities
- Exhibitions and demonstrations
- Interactive entertainment sessions



Safety Note:

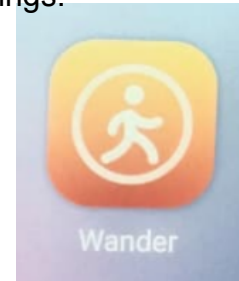
Ensure sufficient open space around WhizBot before starting a performance.

14. Wander (Autonomous Movement) Application

The Wander application enables WhizBot to move autonomously within indoor areas while safely avoiding obstacles and interacting with its surroundings.

Using this application, users can:

- Activate automatic roaming mode
- Allow WhizBot to navigate freely in open spaces
- Record video using the built-in camera during movement
- Enable or disable activity recording options

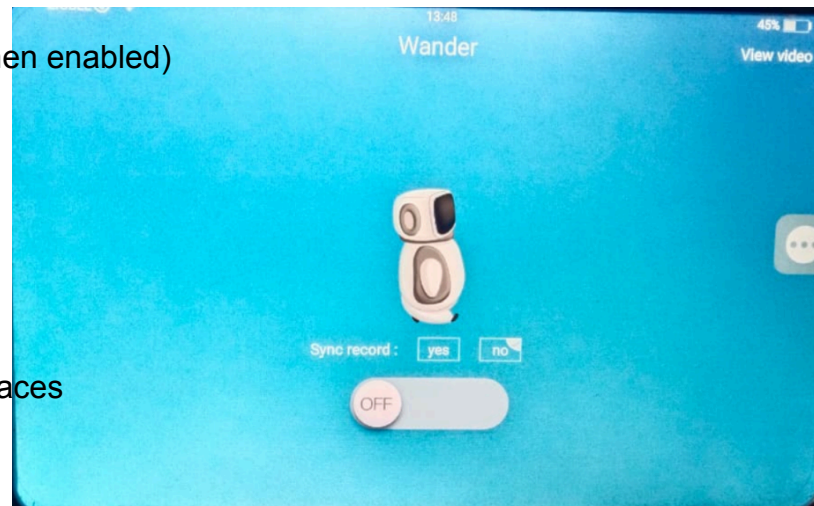


Supported features include:

- Obstacle-aware navigation
- Safe speed control
- Automatic direction adjustment
- Video recording during roaming (when enabled)

This application is commonly used for:

- Autonomous demonstrations
- Environment engagement
- Activity monitoring in supervised spaces



Safety Note:

Ensure the operating area is clear before enabling Wander mode.

15. Software Limitations & Best Practices

- Feature availability may vary by configuration
- Stable internet connectivity improves performance
- Voice interaction works best in moderate-noise environments
- Some applications may be restricted to authorized users

16. Reference to Other Documents

For additional information:

- Refer to the **Startup Guide & Use Cases** for first-time setup and basic usage
- Refer to the **Technical Specification** for system capabilities and requirements

