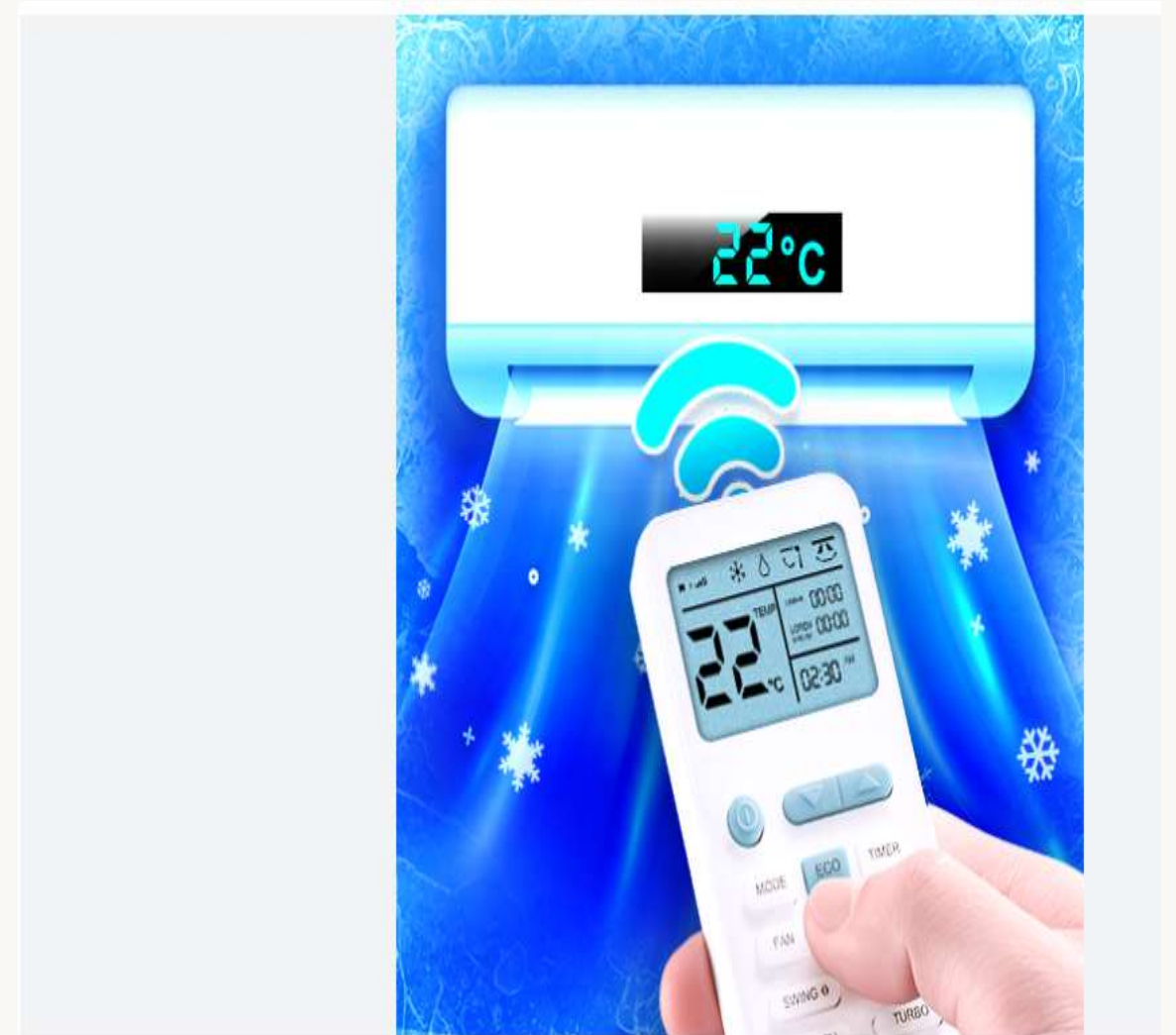


Smart AC Remote

"Traditional AC remotes have limitations. Smart appliances are on the rise. This remote offers convenience and customization. Get data insights into your cooling habits. The smart AC remote market is projected to grow significantly by 2028."

21BCS6325 – Nikhil Sharma

21BCS6301 – Pravesh Sharma



Smart System vs Existing AC Remote

Existing Systems

- Limited customization
- Manual operation
- Lacks real-time data
- High energy consumption

Proposed Smart System

- Personalized profiles
- Automated maintenance
- Real-time monitoring
- Guided preferences
- Voice assistant integration

User Interface Design and Categories



Remote Enthusiasts

Seeking precise control and customization. Ages 25-45, tech-savvy.

Busy Professionals

Prioritizing convenience and speed. Ages 30-55, appreciates automation.

Tech-Savvy Homeowners

Integrating into a smart home. Ages 35-60, early adopters.

Elderly Users

Simple interface. Ages 65+, simplicity is key.

Heuristic Evaluation for Screen Design

1 Visibility of System Status

Clear indicators for brewing, whipped cream preference and grind size.

2 User Control and Freedom

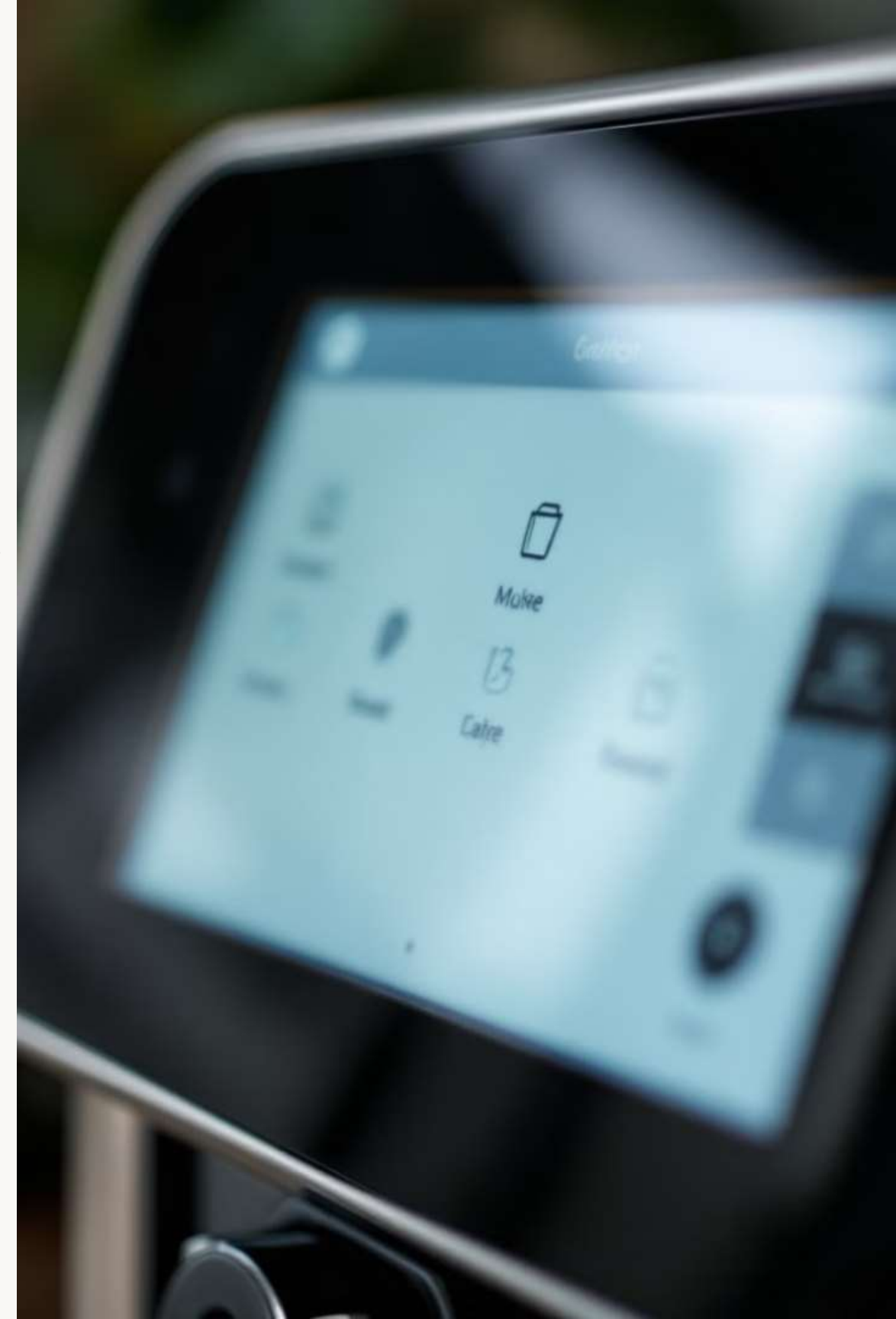
Easily undo actions and exit unwanted states.

3 Error Prevention

Clear messages and prevents common mistakes.

4 Minimalist Design

Focusing on essential information.





Inclusivity and Accessibility



Vision Impairment:
High contrast, large
fonts, voice control.



Motor Impairment:
Large buttons, voice
control, remote app.



Cognitive
Impairment:
Simplified interface,
clear language.



Smart Features and Functionality

1

Customizable Profiles

Adjust grind size, whipped cream preference and default cup.

2

Automated Schedules

Set custom brewing schedules for any day.

3

Remote Control

Start brewing from anywhere, monitor status.

4

Voice Control

Control using voice commands.



Conclusion: The Future of Coffee

The Smart Coffee Machine offers convenience and data insights. Embrace the future of coffee. Future: integration with smart home devices. Thank you.