



# SMART CLOCK WAKE UP HAPPY

Mastering Moments: One Smart Second at a Time



02



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# Redefining Your Morning Routine with Charm and Technology



## INTRODUCTION

- A revolutionary time management solution that integrates ESP32, Firebase and android app.
- Provides intuitive controls and personalized reminders to improve productivity in order to simplify everyday life.

## KEY FEATURES

- Smart Alarms
- Task Reminders
- Special Days Reminders
- Interactive Touch Sensor
- Rechargeable Batteries





## SEAMLESS CONNECTIVITY

- User-Friendly Mobile App
- Wireless Connectivity
- Real-Time Synchronization

# WHY CHOOSE US?

## AUTOMATICALLY TIME AND DATE ADJUSTMENT

- ADJUST TIME AND DATE ACCORDING TO THR GMT

## SEAMLESS INTEGRATION WITH SMART HOMES

- THE SMART HOME MARKET IS EXPERIENCING EXPONENTIAL GROWTH
- INTEGRATES WITH OTHER IOT DEVICES IN HOME, PROVIDING A CENTRAL HUB FOR CONTROLLING VARIOUS SMART APPLIANCES AND SYSTEMS.

## REMOTE ACCESSIBILITY

- USERS TO CONTROL SCHEDULES AND REMINDERS FROM ANYWHERE VIA SMARTPHONES OR OTHER CONNECTED DEVICES

## PERSONALIZED USER EXPERIENCE

- ENSURE THAT THE CLOCK MEETS THE UNIQUE NEEDS OF EACH USER.

# WHY CHOOSE US?

## SECURITY AND PRIVACY

- ENCRYPTION PROTOCOLS, USER DATA PROTECTION MEASURES

## SCALABILITY

- ABILITY TO HANDLE INCREASED DATA

## COST-EFFECTIVENESS

- EXCEPTIONAL VALUE PROPOSITION WITH COMPETITIVE PRICING AND LOW MAINTENANCE COSTS

## IRRESISTIBLY ATTRACTIVE DESIGN

- CAREFULLY CREATED TO CATCH YOUR EYE AND ADD A MODERN AND SOPHISTICATED TOUCH TO ANY ROOM

## KEY FUNCTIONALITIES

### CLOCK

- CONNECT WITH WI-FI AND TAKE CURRENT TIME AND DATE ACCORDING TO WIFI
- DISPLAY TIME
- DISPLAY REMAINDERS
- OFF ALARMS USING TOUCH SENSORS

### APP

- USER REGISTRATION
- SET ALARMS
- SET REMAINDERS

# TECHNOLOGY OVERVIEW

## ESP32:

- CORE MICROCONTROLLER OF OUR SMART CLOCK
- PROVIDING ROBUST PROCESSING POWER AND CONNECTIVITY CAPABILITIES.

## TFT DISPLAY

- ENSURING EXCEPTIONAL CLARITY AND VISIBILITY.

## FIREBASE INTEGRATION

- PROVIDES REAL-TIME DATA SYNCHRONIZATION
- FIREBASE'S AUTHENTICATION AND SECURITY FEATURES ENSURE DATA INTEGRITY AND USER PRIVACY

## ANDROID APP

- SERVES AS THE CONTROL CENTER FOR USERS TO INTERACT WITH THE SMART CLOCK
- ALLOWS USERS TO SET ALARMS, MANAGE SCHEDULES

# IOT ECOSYSTEM

PERCEPTION LAYER

DEVICE



TRANSPORT LAYER

WIFI



PROCESSING LAYER

FIREBASE

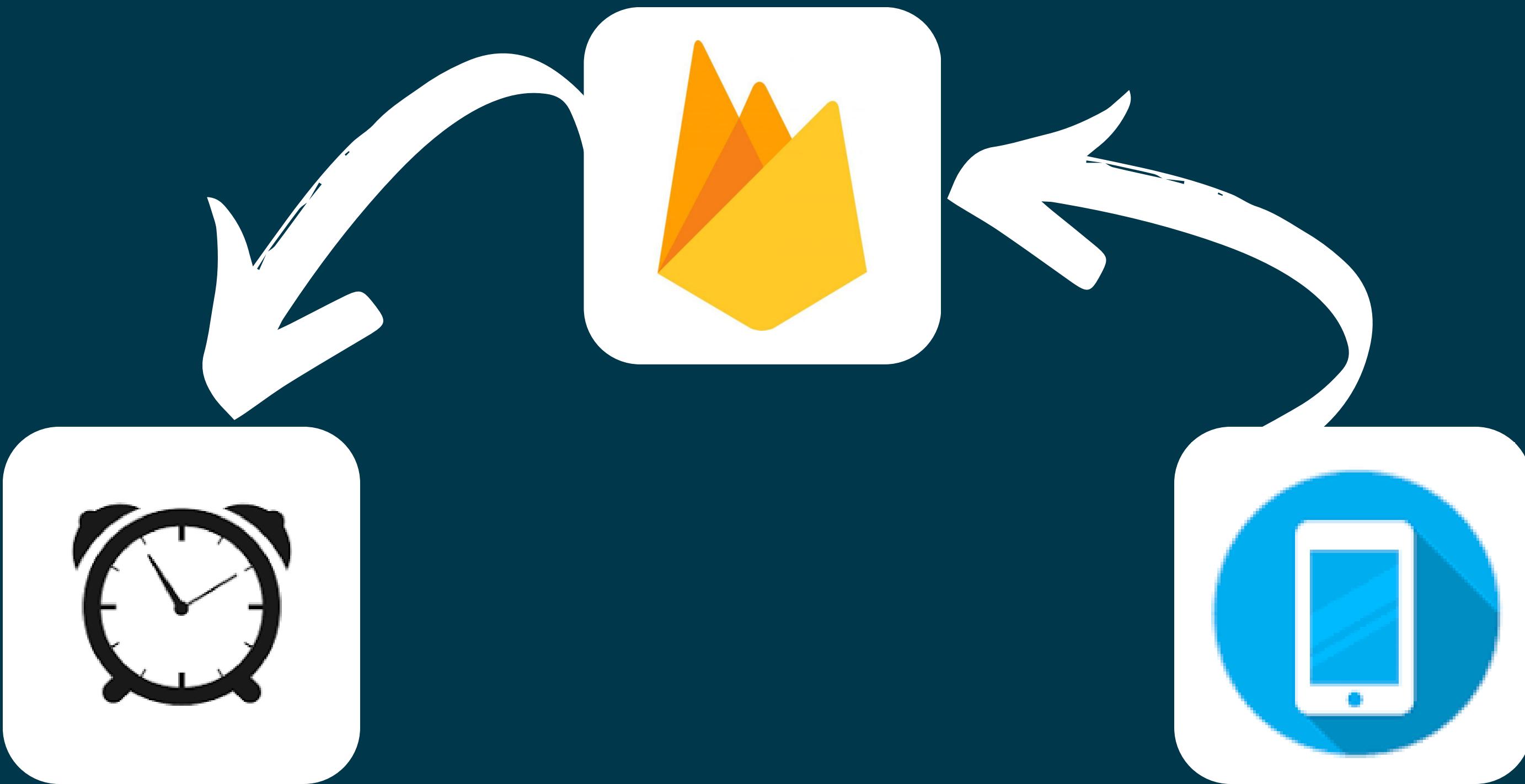


APPLICATION LAYER

SMART HOME



# CONNECTIVITY



# TARGET AUDIENCE

## BUSY PROFESSIONALS

- INDIVIDUALS WITH HECTIC SCHEDULES WHO NEED EFFICIENT TIME MANAGEMENT TOOLS

## ELDERLY INDIVIDUALS

- ENSURING EXCEPTIONAL CLARITY AND VISIBILITY.

## HEALTH-CONSCIOUS INDIVIDUALS

- FOCUSED ON MAINTAINING A BALANCED LIFESTYLE WHO CAN USE THE CLOCK TO SET REMINDERS FOR MEDICATION, EXERCISE ROUTINES, HYDRATION GOALS, AND MEAL TIMES

## STUDENTS

- SET REMINDERS FOR DEADLINES, EXAMS, AND STUDY SESSIONS

## BUSINESS MODEL

### SUBSCRIPTION MODEL

- OFFER PREMIUM FEATURES, USERS PAY FOR ACCESS TO ENHANCED FUNCTIONALITIES, PROVIDING A RECURRING REVENUE STREAM.

### PRODUCT SALES

- GENERATE REVENUE BY DIRECTLY SELLING THE SMART CLOCK HARDWARE, ACCESSORIES, AND RELATED PRODUCTS.

### IN-APP PURCHASES

- OFFER ADDITIONAL THEMES, CUSTOMIZATION OPTIONS, OR EXCLUSIVE CONTENT FOR PURCHASE IN THE ACCOMPANYING MOBILE APP.

# BUSINESS MODEL

## 2. DISTRIBUTION CHANNELS

- ONLINE SALES PLATFORMS
- DIRECT SALE
- RETAIL PARTNERSHIPS

## 3. KEY PARTNERSHIPS

- TECHNOLOGY PARTNER:  
COMPONENT SUPPLIERS, MANUFACTURERS, AND SOFTWARE DEVELOPERS
- DISTRIBUTION PARTNERS:  
LOGISTICS AND DISTRIBUTION COMPANIES
- MARKETING PARTNERS:  
DIGITAL MARKETING AGENCIES, SOCIAL MEDIA INFLUENCERS, AND CONTENT CREATORS

## FUTURE IMPLEMENTATIONS

- Night Light Feature
- Google Voice Assistance Integration
- Setting melodies to alarms
- Wireless Charging Dock
- Smart Home Integration
- Voice Reminders

# THANK YOU

# Q&A