



Smart Location-Based Reminder System



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Project Title

Content:

- A smart reminder system triggered by user's location
- Works on both mobile phones and smartwatches
- Uses AI to learn user behavior & generate smart suggestions
- Example: At the grocery store, reminder: "*Buy eggs*" pops up with vibration

Problem Statement

- Content:
- People forget small but important tasks in busy life
- Most reminder apps rely only on time, not location
- No popular app combines AI + location + smartwatch integration
- Need for a smarter, context-aware reminder solution



Project Objectives

- **Content:**
- **Deliver reminders based on real-time location**
- **Use AI to analyze user habits for personalization**
- **Allow voice & text input to add reminders easily**
- **Reduce stress and boost user productivity**



Real-time location-based reminders



Analysis AI analysis of user habits



Effortless voice and text input



Reduced stress and productivity

Key Features

- **CONTENT:**
- **LOCATION-BASED REMINDERS**
- **AI-BASED TASK SUGGESTIONS**
- **VOICE & TEXT INPUT SUPPORT**
- **PUSH NOTIFICATIONS (WATCH & PHONE)**
- **CUSTOM LOCATION TRIGGERS**
- **CALENDAR SYNC SUPPORT**
- **USER ACTIVITY HISTORY TRACKING**



Mobile App Functionalities

- **Content:**
- **Real-time GPS tracking for reminders**
- **Add/view reminders via voice or text**
- **Manage to-do lists (mark done, edit, etc.)**
- **Seamless interaction and intuitive UI**



Smartwatch Features




- **Content:**
- **Receive reminders without phone**
- **Vibration + popup on location match**
- **Use Siri/Google Assistant for input**
- **Mark task as done directly on watch**



□ Technology Stack

- **Content:**
- **Frontend:** Flutter / React Native
- **Backend:** Node.js / Flask
- **Database:** Firebase / MongoDB
- **AI:** TensorFlow / PyTorch
- **Location:** Google Maps API / Mapbox
- **Smartwatch:** WearOS / WatchOS
- **Voice Recognition:** Google STT / Siri
- **Notifications:** FCM / OneSignal

Target Users

- **Content:**
-  **Busy Professionals**
-  **Students**
- ☐ **Health-Conscious Individuals**
-  **Elderly Users**



💡 Benefits to Users

- **Content:**
- **Smart, timely reminders reduce forgetfulness**
- **Personalized experience from AI**
- **Hands-free task addition via voice**
- **Cross-device sync (mobile & smartwatch)**
- **Less stress, better organization**



Grocery Reminder

- Content:
- Reminder: “Buy milk”
- Map with location pin + reminder popup
- Notification on phone + smartwatch with vibration
- Watch showing “Buy milk” alert





Office Follow-Up

- **Content:**
- **AI learns user reaches office at 10:00 AM**
- **At 10:05, sends reminder: “Send report to manager”**
- **User can act immediately from device**





Thank you