

Comprehensive Project Roadmap: The Red Mobile App

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Phase 1: Initial Development

Milestone	Details	Target Completion	Status	Actions/Notes
Contact Search Feature	Complete contact search functionality; waiting for TTY narrations.	Completed	In Progress	Finalize TTY integration for accessibility.
Ambient Sleep Scene/Tool	Layout only, working on visual design and functionality.	Completed (Layout Only)	In Progress	Focus on completing the full functionality.
Weather Layout	Layout completed; no code yet for dynamic weather updates.	Completed (Layout Only)	In Progress	Begin coding dynamic weather updates.
Data Pull Using Raw URL Weblinks	Fetching static data (e.g., weather, events) from raw URLs (GitHub).	Ongoing	In Progress	Implement caching to avoid rate limits.

Phase 2: Features and Testing

Milestone	Details	Target Completion	Status	Actions/Notes
Events Calendar / Notices System	Restructure the contact search system to include a calendar and notifications system.	Ongoing (Today)	In Progress	Focus on calendar structure and push notifications.
Beta Testing Preparation	Testing the app with a small group to identify bugs and gather feedback.	January 2025	Not Started	Recruit beta testers. Finalize bug list and QA.
Finalizing Contact Details	Completing data entry for contacts and other necessary information.	Ongoing	In Progress	Ensure all data is properly formatted and integrated.

Phase 3: Server Migration

Milestone	Details	Target Completion	Status	Actions/Notes
Transition to Dedicated Server	Migrate from GitHub/raw URL links to dedicated server hosting app files.	TBD	Not Started	Set up server environment (AWS, DigitalOcean, etc.).
Real-Time Updates and Dynamic Content	Implement server-side updates, real-time data fetching for dynamic content like weather, events, etc.	TBD	Not Started	Develop API to manage real-time content.
API Integration and Push Notifications	Create custom API to allow dynamic data interaction and push notifications to users.	TBD	Not Started	Integrate notifications and optimize API for app scaling.

Phase 4: Finalizing and Launch

Milestone	Details	Target Completion	Status	Actions/Notes
Beta Launch	Begin closed beta testing with select users, gather feedback for final adjustments.	January 2025	Not Started	Finalize beta tester group and launch beta app.
Final User Feedback and Adjustments	Implement adjustments based on beta feedback, fix critical bugs.	February 2025	Not Started	Collect user feedback and prioritize bug fixes.
Official Launch	Full public launch of the app with all features live.	March 2025	Not Started	Finalize marketing materials and PR efforts.

Detailed Timeline (Gantt Format)

Milestone	Q4 2024	Q1 2025	Q2 2025
Contact Search Feature	X		
Ambient Sleep Scene/Tool	X		
Weather Layout	X		
Data Pull Using Raw URL Weblinks	X		
Events Calendar / Notices System		X	
Beta Testing Preparation		X	
Finalizing Contact Details		X	
Transition to Dedicated Server			X
Real-Time Updates			X
API Integration and Notifications			X
Beta Launch			X
User Feedback / Adjustments			X
Official Launch			X

Key Notes and Actions for Upcoming Milestones:

Phase 1: Initial Development

- **Data Pull Using Raw URL Weblinks** : Be mindful of GitHub rate limits. Implement caching for better performance.
- **Ambient Sleep Scene/Tool** : Focus on the final functionality and interaction beyond just layout.

Phase 2: Features and Testing

- **Events Calendar / Notices System** : Once completed, allow users to receive push notifications for important updates (e.g., events, weather alerts).
- **Beta Testing Preparation** : Start early recruitment of beta testers, using platforms like Google Forms or social media outreach to gather a varied user group.

Phase 3: Server Migration

- **Dedicated Server** : Set up an environment that allows flexibility (e.g., database management, user authentication).

- **API and Push Notifications**: Use a RESTful API for data interaction, and consider tools like Firebase for push notifications.

Phase 4: Finalizing and Launch

- **Beta Launch**: Gather as much feedback as possible on usability and app performance.
- **Official Launch**: Consider preparing marketing strategies (social media, influencers, etc.) for a smooth public launch.