



comprehensive error handling - Weather data fetching, parsing, and state management - AsyncStorage implementation for offline capability - HomeScreen development and weather display components - Progress tracking and team coordination **Developer 2: Harry Joseph - Interactive Components & User Experience** - DetailsScreen implementation with extended forecast views - Interactive touch components and gesture recognition systems - Pull-to-refresh functionality and swipe navigation - Animation implementation using React Native's Animated API - Performance optimization for smooth user interactions **Developer 3: Raj Patel - Modals, Notifications & Visual Polish** - Modal component development for location selection and weather details - Push notification system setup and configuration - SettingsScreen creation and location management functionality - Micro-interactions and transition effects for enhanced user experience - Visual design consistency and UI/UX refinement **Developer 4: Kerlan Augustine - Navigation & Project Integration** - React Navigation setup and screen routing configuration - Application architecture design and component integration - Project management, timeline coordination, and quality assurance - Comprehensive documentation creation and maintenance - Testing coordination and final project presentation preparation **Collaboration Strategy:** - **Weekly sync meetings** to ensure consistent progress and address integration challenges - **Shared component library** to maintain design consistency across all screens - **Git workflow management** with feature branches and code reviews - **Continuous integration testing** to prevent breaking changes during development --- **Weather Dashboard Development Team 14** **CPAN 213 - Mobile App Development Project** **Phase 1 Submission - November 23, 2025**