

Event Countdown App

FULL PROJECT REPORT



Contents

01.

Objective

02.

Description

03.

Technologies

04.

Project Schedule

05.

Key Features

06.

Expected Outcomes

07.

Conclusion

Objective

The goal of the project is to build a cross-platform mobile application that allows users to create, track, and display countdowns to upcoming events. The app will feature event creation, live countdown displays, and push notifications to remind users of upcoming events. The project will utilize modern mobile development tools and frameworks, ensuring compatibility across devices and platforms.

Description

The Event Countdown Mobile App enables users to manage multiple countdowns for their significant life events (e.g., birthdays, appointments, deadlines, etc.).

Users will be able to:

- Create events with specific dates and times.
- View real-time countdowns for all active events.
- Receive notifications and reminders as the event approaches.

The app will have an intuitive and user-friendly interface, optimized for mobile, with real-time updates and customizable notification preferences.

The project spans four weeks, each with specific deliverables.



Technologies to Be Used

Flutter: A popular cross-platform framework that allows the development of apps for both Android and iOS using a single codebase.

Kotlin: For Android-specific development and optimization.

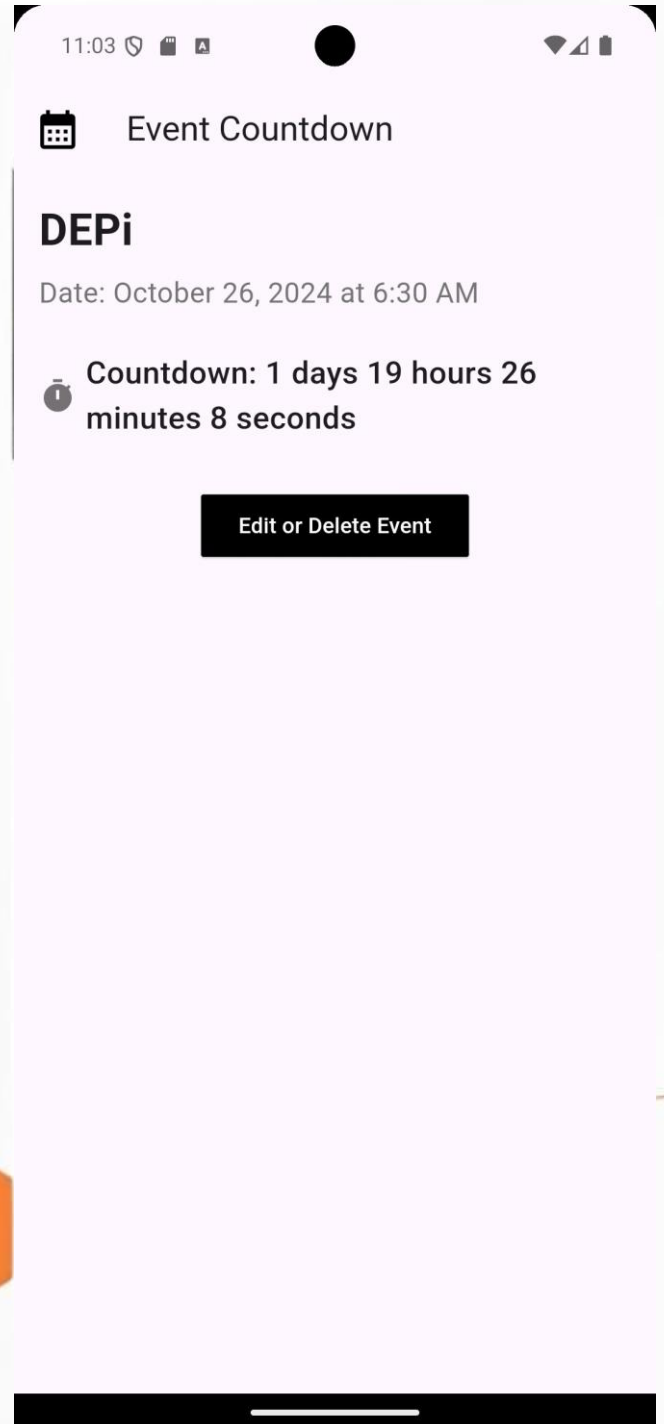
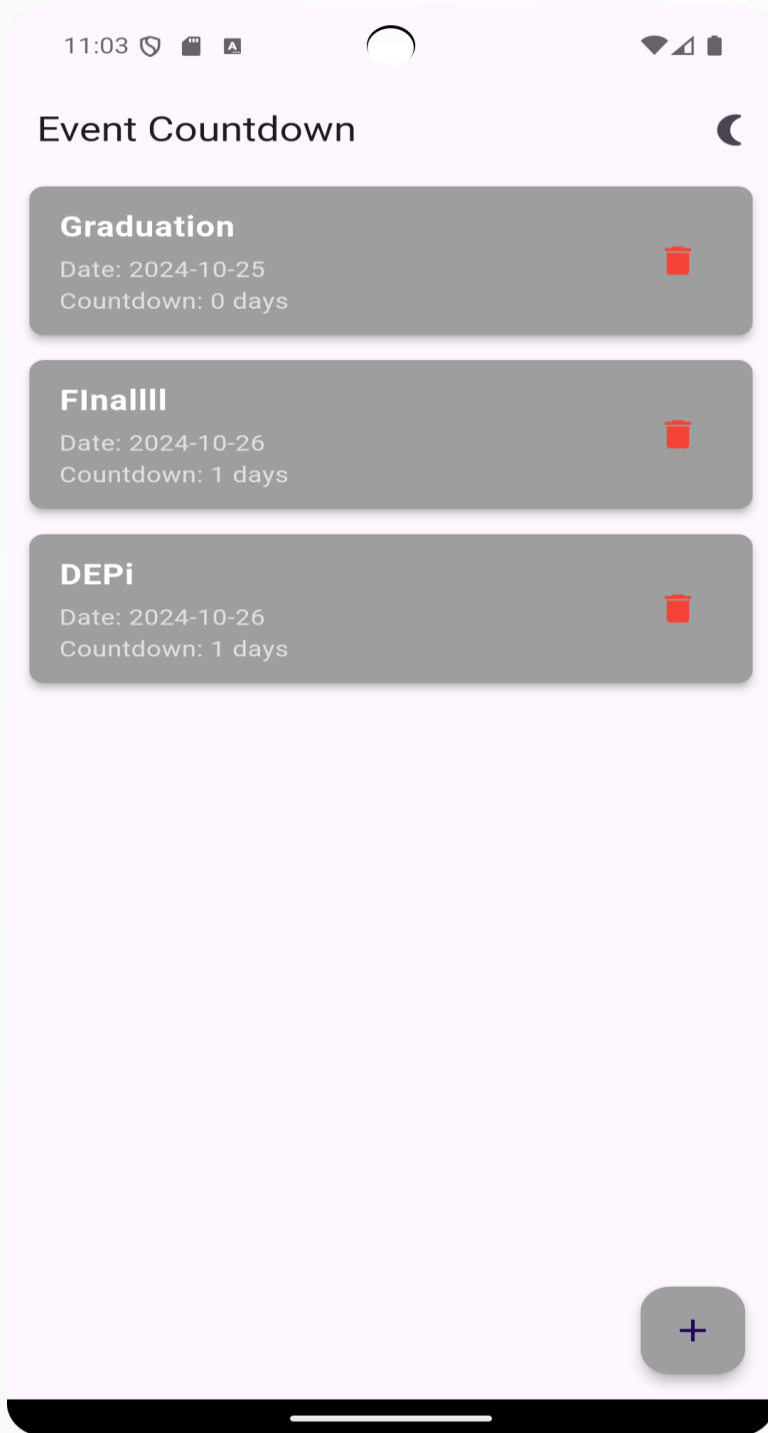
Mobile Development: General principles for creating responsive and efficient mobile applications.

API Integration: For external services such as calendar integration or time zone management (if needed).

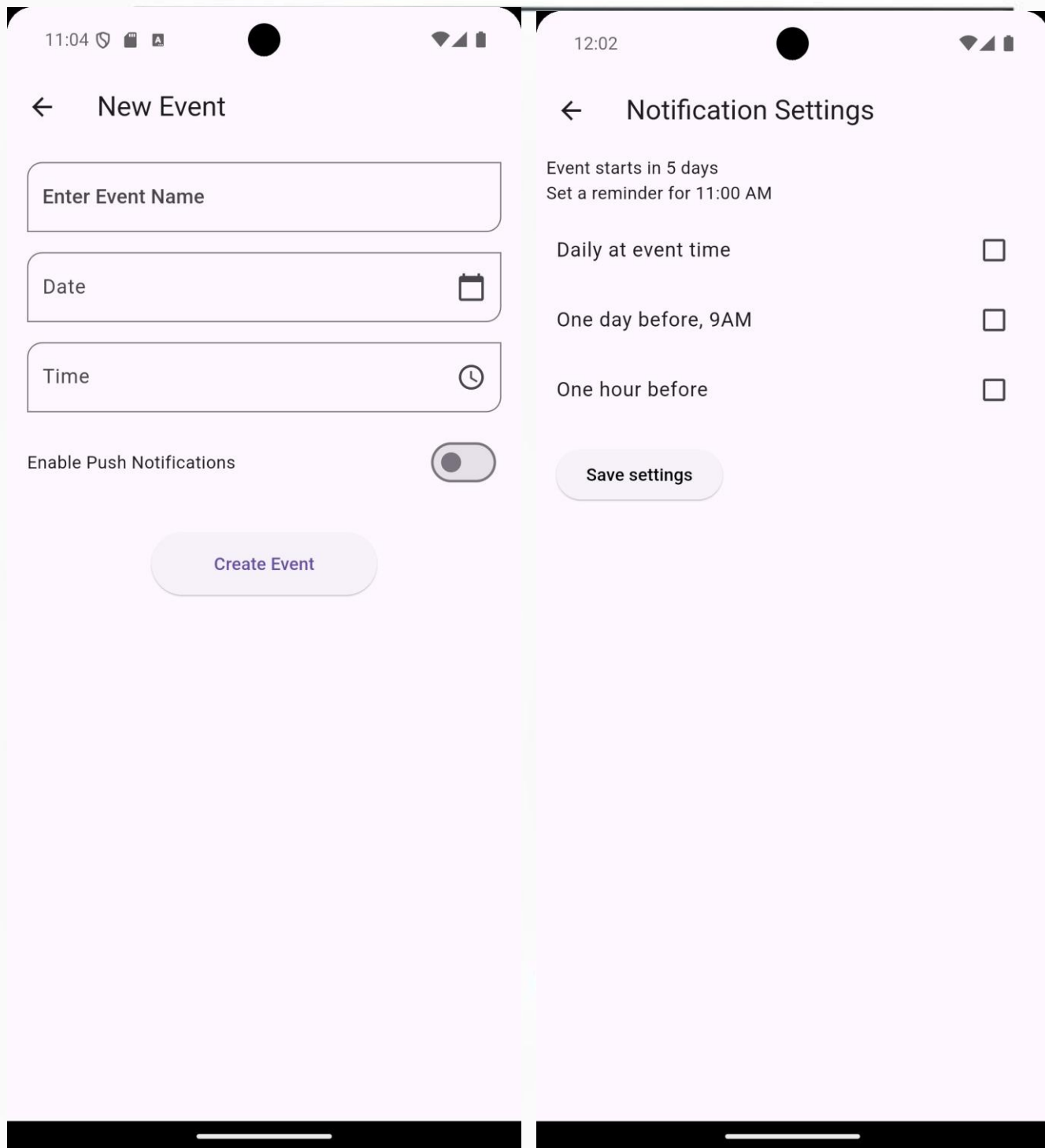
Push Notifications: For notifying users about upcoming events.



UI/Ux Design



UI/Ux Design



Project Schedule

Week	Task	Assigned To	Deliverables
Week 1	Set up the development environment (Flutter)	Nada, Rehab, Abdalla, Samma, Mohamed	Flutter environment set up
Week 1	Create wireframes for event creation and countdown screens	Abdalla, Nada	Wireframes for event creation and countdown screens
Week 1	Implement basic UI (layout for event creation and countdown)	Rehab, Mohamed	Basic UI with responsive design for event creation and countdown
Week 2	Implement event creation (add, edit, delete)	Mohamed, Rehab	Functional event creation and management system
Week 2	Develop countdown logic (live countdown timer)	Abdalla, Samaa	Countdown timers displaying accurate time remaining
Week 2	Test event creation and countdown logic	Nada	Tested functionality for event creation and countdown logic
Week 3	Implement push notifications	Rehab, Abdalla	Push notifications reminding users of upcoming events
Week 3	Implement reminder system (customizable reminders)	Samaa, Rehab	Customizable reminder options for events
Week 3	Test notifications and reminders	Nada, Mohamed	Tested notification and reminder system across various devices
Week 4	Conduct final testing across various devices	Rehab, Nada	Fully tested and optimized event countdown app
Week 4	Optimize app performance	Rehab, Mohamed	Smooth performance and transitions in the app
Week 4	Complete project documentation and user guide	Mohamed, Samaa	Complete project documentation and user guide

Key Features

Flutter: A popular cross-platform framework that allows the development of apps for both Android and iOS using a single codebase.

Kotlin: For Android-specific development and optimization.

Mobile Development: General principles for creating responsive and efficient mobile applications.

API Integration: For external services such as calendar integration or time zone management (if needed).

Push Notifications: For notifying users about upcoming events.

Expected Outcomes

A fully functional mobile app that helps users keep track of important events.

A smooth user experience with a minimal learning curve, due to an intuitive and responsive interface.

Reliable notifications that ensure users are reminded of upcoming events.



Conclusion

The Event Countdown Mobile App project provides a practical solution for managing personal and professional events. The project, developed using modern technologies like Flutter and Kotlin, will result in an efficient, user-friendly mobile application. By following a structured 4-week development plan, the app will be fully tested, optimized, and ready for deployment, meeting both user needs and industry standards.

