Literature Review

Project Name: Event Mate – Android Event Countdown App

Delivery Date

# 1. Literature Review

## Introduction

This literature review examines existing mobile applications and technologies related to event management and countdown functionalities. It aims to identify best practices, user expectations, and technological trends to ensure the successful development of Event Mate.

## Existing Applications Review

### Google Calendar

- Features:  
 - Event scheduling and reminders  
 - Integration with Google services

- Weaknesses:  
 - Lacks visual countdown timers  
 - No engaging interface for time tracking

### Countdown Widget (by Sevenlogics, INC.)

- Features:  
 - Live countdown for events  
 - Customizable appearance (themes, images)

- Weaknesses:  
 - Basic functionality with no calendar or event management system  
 - No collaboration features

### TimeTree

- Features:  
 - Shared calendar for collaborative event planning  
 - Notifications and reminders

- Weaknesses:  
 - No visual or live countdown  
 - Focused more on sharing events rather than personal time tracking

## Technologies and Frameworks Used in Event Mate

- Kotlin: Native Android development, concise syntax, enhanced performance  
- WorkManager / AlarmManager: Reliable scheduling of notifications and reminders  
- Room Database: Efficient local data storage and management  
- Material Design: Ensures modern, consistent, and accessible UI/UX

## Usability Insights

- Simple UI increases user retention and engagement  
- Dark mode and multi-language support improve user accessibility  
- Visual countdown timers enhance time awareness and event anticipation

# 2. Feedback & Evaluation

Supervisor Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Feedback:  
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Evaluation:  
- Clarity and relevance of the literature review  
- Depth of analysis on existing apps and technologies  
- Applicability to the project scope

# 3. Suggested Improvements

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# 4. Final Grading Criteria

| Criteria | Weight | Comments |
| --- | --- | --- |
| Literature Review Clarity | 20% |  |
| Depth of Research | 30% |  |
| Relevance to Project | 20% |  |
| Presentation and Formatting | 10% |  |
| Application of Supervisor Feedback | 20% |  |

# Submission Confirmation

Student Name(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Supervisor Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Submission Date: