

RAMAIAH INSTITUTE OF TECHNOLOGY, BANGALORE – 560054 (Autonomous Institute, Affiliated to VTU)

Department of Computer Science & Engineering

Internship Report

on

Mobile Application Development

INT410: Intra Institutional Internship

STUDENT NAME: VEERESH V P

USN:1MS24CS217

STUDENT NAME: R.VETRIVEL

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CERTIFICATE

This is to certify that Mr./Ms. VEERESH V P _, a student of Bachelor of Engineering, bearing USN: _1MS24CS217_ and Mr./Ms _ R.VETRIVEL _ bearing USN: 1MS24CS218, have successfully completed, 24 Hours: from 05.08.2025 to 12.08.2025 Intra Institutional Internship in Mobile Application Development from the Department of Computer Science & Engineering, M S Ramaiah Institute of Technology, Bangalore.

SL No.	Component	Maximum Marks	Marks Obtained
1	Continuous Evaluation	50	
2	Presentation	20	
3	Report	30	
Total Marks		100	

Signature of the Student with Date

Signature of the Faculty Co-Ordinator

OVERVIEW OF INTERNSHIP ACTIVITIES

DATE	DAY	NAME OF THE TOPIC COMPLETED	
5-8-25	Tuesday	Introduction to Flutter	
6-8-25	Wednesday	Introduction to Dart	
7-8-25	Thursday	Advanced Dart Concepts	
9-8-25	Saturday	Learning Animations and Navigations	
11-8-25	Monday	Assessment and Firebase	
12-8-25	Tuesday	Demo and Project Submission	

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- 2. Code of main Modules
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1. Overall view of the project in terms of implementation:

Overall View of the Project in Terms of Implementation

1. Vision Statement

To empower individuals to lead more organized, intentional, and fulfilling lives by transforming daily chaos into a streamlined and intelligent flow, making personal growth accessible and effortless.

2. Mission Statement

Life Genie is an all-in-one, AI-powered personal assistant that unifies tasks, goals, notes, and wellness tracking into a single, intuitive platform. By providing proactive insights and automating mundane planning, Life Genie acts as a digital partner, helping users manage their present and build their desired future.

3. The Problem: The "Digital Fragmentation" Dilemma

The modern individual struggles with a fragmented digital life, using separate applications for:

- Tasks & To-Dos: (e.g., Todoist, Microsoft To Do)
- Calendars & Events: (e.g., Google Calendar, Outlook)
- Note-Taking: (e.g., Evernote, Notion, Apple Notes)
- Habit Tracking: (e.g., Streaks, Habitica)
- Goal Setting: (Often done in spreadsheets or notebooks)
- **Budgeting:** (e.g., Mint, YNAB)

This fragmentation leads to cognitive overload, duplicated effort, a lack of a holistic life view, and a disconnect between daily actions and long-term aspirations.

4. The Solution: A Unified & Intelligent Platform

Life Genie solves this by being the central "Command Center" for a user's life. It doesn't just store information; it connects it. It understands that a task in your to-do list is related to a long-term goal, which might be impacted by an event in your calendar and your overall well-being.

5. Target Audience

The Ambitious Professional (Ages 25-45): Highly motivated, juggling a demanding career, personal projects, and family. They value efficiency and are looking for a

competitive edge in productivity and work-life balance.

The Overwhelmed Student (Ages 18-25): Managing coursework, exams, part-time jobs, and a social life. They need a tool to structure their studies, manage deadlines,

and build healthy habits away from home.

The Self-Improver (All Ages): Individuals actively focused on personal growth,

wellness, and learning new skills. They want a single place to track their journey,

measure progress, and stay motivated.

6. Core Pillars & Value Propositions

1. Unified Dashboard: See your entire day, week, and progress towards goals in one

glance. No more app-switching.

2. Intelligent Assistance: The "Genie" AI provides proactive suggestions, identifies

potential scheduling conflicts, and highlights patterns in your productivity and

wellness.

3. Goal-Oriented Planning: Define your long-term goals ("Journeys") and let the Genie

help you break them down into actionable steps that integrate seamlessly into your

daily planner.

4. Holistic Wellness Integration: Connect your daily productivity with your mental and

physical well-being through integrated mood journaling, habit tracking, and gentle

reminders.

Of course. Based on the name "Life Genie" and the context of a modern, AI-integrated

application, here is a conceptual 2-page overall view. This document can serve as a high-level

project brief or executive summary for your app.

Document: Life Genie App - Overall View & Strategy

Version: 1.0 **Date:** August 12, 2025

Page 1: Vision, Mission, and Core Strategy

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7. Key Feature Modules

- The Command Center (Dashboard): A fully customizable main screen featuring widgets for today's agenda, key tasks, habit status, goal progress, and notifications from the Genie.
- **Daily Planner** ("**Today's Scroll**"): A vertical, chronological view of the day that intelligently merges calendar events, scheduled tasks, and habit-check-ins into a single, manageable timeline.
- Goals & Journeys: A dedicated space to define long-term goals (e.g., "Run a 5K," "Launch a Side Hustle"). The Genie helps create a project plan, setting milestones and suggesting tasks.
- **Knowledge Vault:** A flexible, tag-based system for notes, web links, documents, and brain dumps. It replaces the need for a separate notes app and links information directly to relevant tasks and goals.
- Wellness Hub: Simple, non-intrusive tools for tracking habits, daily mood, energy levels, and water intake. The Genie uses this data to provide insights, like correlating low energy with poor sleep patterns.
- Finance Genie (Lite): A simple expense tracker and budget overview to monitor spending habits and link financial goals to the main Journeys module.

8. The "Genie" - AI & Intelligence Layer

This is the core differentiator. The Genie is not a simple chatbot; it's a proactive assistant.

- Natural Language Input: Create tasks and events just by typing: "Remind me to call Mom tomorrow afternoon" or "Schedule a 1-hour workout for Monday, Wednesday, and Friday."
- **Proactive Suggestions:** "You have a heavy meeting schedule tomorrow. Would you like to block out 30 minutes in the morning for deep work?"
- **Pattern Recognition:** "I've noticed you complete most of your creative tasks after 3 PM. Let's try scheduling your brainstorming sessions for the afternoon."
- **Weekly Review:** Automatically generates a summary of your week, highlighting achievements, areas of imbalance, and suggestions for the week ahead.

9. Monetization Strategy (Freemium Model)

• Free Tier:

- o Access to all core modules (Planner, Goals, Notes, Wellness).
- Limited to 3 active "Journeys" (long-term goals).
- o Basic Genie suggestions.
- o Limited cloud storage for the Knowledge Vault.

• Premium Tier ("Genie Plus"):

- o Unlimited Journeys and advanced goal-planning templates.
- o Advanced Genie AI features (deeper pattern analysis, calendar auto-scheduling).
- o Integrations with third-party apps (Google Calendar, Outlook, etc.).
- Expanded cloud storage.
- Detailed data export and reporting.

10. Proposed Technology Stack

- Frontend (Mobile & Web): Flutter For a single, high-performance codebase across iOS, Android, and Web.
- Backend & Database: Firebase Leveraging Firestore for a real-time database, Firebase Authentication for users, and Cloud Functions for serverless backend logic.

• AI & Machine Learning: Google AI Platform / Gemini APIs - To power the "Genie" features, including natural language processing, pattern recognition, and predictive analytics.

11. High-Level Roadmap

• Phase 1 (MVP - Q1 2026):

- Launch with core modules: Command Center, Daily Planner, basic Goals, and Knowledge Vault.
- o Implement user authentication and cloud sync.
- o Focus on a stable, beautiful, and highly responsive user experience.

• Phase 2 (AI Integration - Q2 2026):

- o Introduce the "Genie" with natural language input and proactive suggestions.
- o Launch the Wellness Hub and integrate its data with the Genie.
- o Release the "Genie Plus" subscription tier.

• Phase 3 (Expansion & Ecosystem - Q4 2026):

- Develop third-party calendar integrations.
- Introduce collaborative features for shared goals or projects.
- Expand the Finance Genie with more robust features

Code of main Modules:

a) main.dart

2.LOGIN_PAGE.DART

3.BIKE_PAGE.DART

4.BARTER_REQUEST.DART

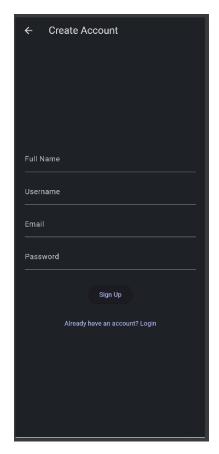
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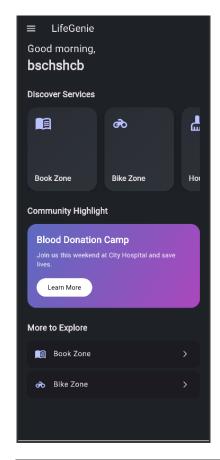
6.HOUSE_PAGE.DART

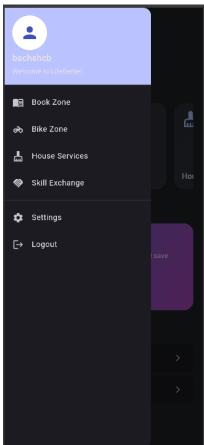
7.ABOUT_US.DART

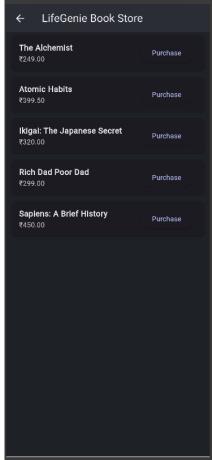
8.CONTACT_US.DART

3.RESULT SNAPSHOTS

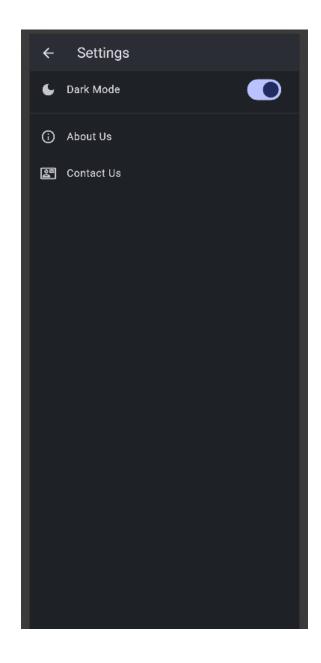












4.CONCLUSION

In an era defined by digital noise and fragmented attention, the pursuit of a balanced and intentional life has become a significant challenge. The market is saturated with single-purpose applications that, while useful, inadvertently contribute to the very chaos they aim to solve. Users are left to manually stitch together their digital lives, acting as the sole integrator for their calendars, task managers, note-takers, and wellness apps. This constant context-switching is inefficient and mentally draining, creating a gap between daily activities and long-term aspirations.

Life Genie emerges as a direct and powerful response to this fundamental problem. It is not merely another entry into the crowded productivity space; it is a conceptual leap forward. By creating a single, unified "command center," the app immediately eliminates the core pain point of digital fragmentation. It provides users with a holistic, at-a-glance view of their lives, seamlessly weaving together professional commitments, personal tasks, long-term goals, and well-being metrics.

The true revolution, however, lies in its intelligent core—the "Genie." This AIdriven layer elevates the application from a passive data repository to a proactive, cognitive partner. Unlike traditional tools that require constant manual input and review, the Genie automates, anticipates, and advises. It learns user patterns, offers insightful suggestions, and handles the mental overhead of planning. This intelligent assistance is the key differentiator that will transform the user's relationship with technology from one of servitude to one of partnership.

For the end-user, the impact is transformative. It promises:

- Clarity: By replacing chaos with a single source of truth.
- **Empowerment:** By providing the insights and tools to bridge the gap between daily grind and life goals.
- **Well-being:** By fostering a balanced approach to productivity that doesn't neglect mental and physical health.

From a strategic standpoint, Life Genie is positioned for success. It addresses a clear and persistent market need with a compelling, differentiated solution. The proposed freemium monetization model ensures a low barrier to entry for user acquisition while establishing a clear revenue path through high-value premium features. The technology stack, centered on Flutter and Firebase, is modern, scalable, and allows for rapid, cross-platform development, ensuring the project is both technically sound and economically viable.

Ultimately, Life Genie is more than an application; it is a philosophy embedded in code. It is built on the belief that technology should serve human ambition, not complicate it. By providing a tool that is both powerful and intuitive, Life Genie empowers individuals to move beyond mere organization and become the true architects of their own lives. It is poised to become an indispensable life companion for anyone seeking to reclaim their focus, master their time, and live with greater intention.