

A Project Report On
" MyDiary "
Submitted To
**MES Garware College of Commerce and
Savitribai Phule Pune University**
In partial fulfilment of the degree of
Bachelor of Business Administration - Computer Application



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BBA-CA

Semester VI

Under the guidance of

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Research Guide

MES Garware College of Commerce, Autonomous, Karve Road, Deccan
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Maharashtra Education society's

GARWARE COLLEGE OF COMMERCE, AUTONOMOUS

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Pune - 411004

CERTIFICATE

This is to certify that Mr. **Pratyush Prakash Majumdar** and Mr. **Ameya Anand Masurkar** Roll Number **15429** and **15490** University Exam Seat Number ----- Students of BBA-CA Semester-**VI** have successfully completed the project work in specialization subject **Android Studio** entitled as MyDiary a partial fulfillment of the degree of Bachelors of Business Administration Computer Application as per the syllabus of Garware College of Commerce and Savitribai Phule Pune University for Year 2023-2024.

I further clarify that the work has been carried out under my supervision.

Project Guide

BBA Coordinator

Principal

Examiner

External Examiner

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INTRODUCTION OF SYSTEM

- In the era of digitalization, traditional methods of diary keeping have been transformed into digital diary applications.
- One such application is "MyDiary" which is designed for Android platforms.
- MyDiary offers users a convenient and secure platform to record their thoughts, experiences, and daily events digitally.
- Built using Google Firebase and Android Studio, MyDiary provides a seamless and user-friendly experience for diary management.

OBJECTIVES OF SYSTEM

- The primary objective of MyDiary is to provide users with an efficient platform to manage their diary entries digitally. Users can easily add, edit, and delete entries as per their convenience.
- MyDiary aims to enhance user productivity by incorporating reminder functionality. Users can set reminders for important events or tasks, ensuring they never miss out on crucial events..
- Another objective of MyDiary is to offer users the ability to search through their entries efficiently. By implementing search functionality, users can quickly retrieve specific entries based on keywords or dates.
- MyDiary strives to enhance the diary-keeping experience by allowing users to save media content alongside their entries. Users can attach images to their entries, adding richness and context to their digital diaries.
- MyDiary aims to provide users with the flexibility to export their entries as text documents. This feature enables users to archive their diary entries or share them across different platforms as needed.

SCOPE OF SYSTEM

- The scope of MyDiary includes continually improving the user interface to ensure an intuitive and visually appealing experience for users. Regular updates and enhancements will focus on optimizing usability and accessibility.
- Ensuring the security and privacy of user data is paramount for MyDiary. The application will implement robust security measures to protect user information and adhere to privacy regulations and best practices.
- As the user base grows, MyDiary will focus on scalability and performance optimization to maintain a seamless diary-keeping experience for all users. Regular performance monitoring and optimization will be part of the application's ongoing scope.
- Providing offline access to diary entries and implementing robust data synchronization mechanisms ensures that users can access their diary even when they're offline. This scope enhances reliability and usability, especially in areas with limited internet connectivity.

SYSTEM REQUIREMENT SPECIFICATION

1) HARDWARE REQUIREMENT

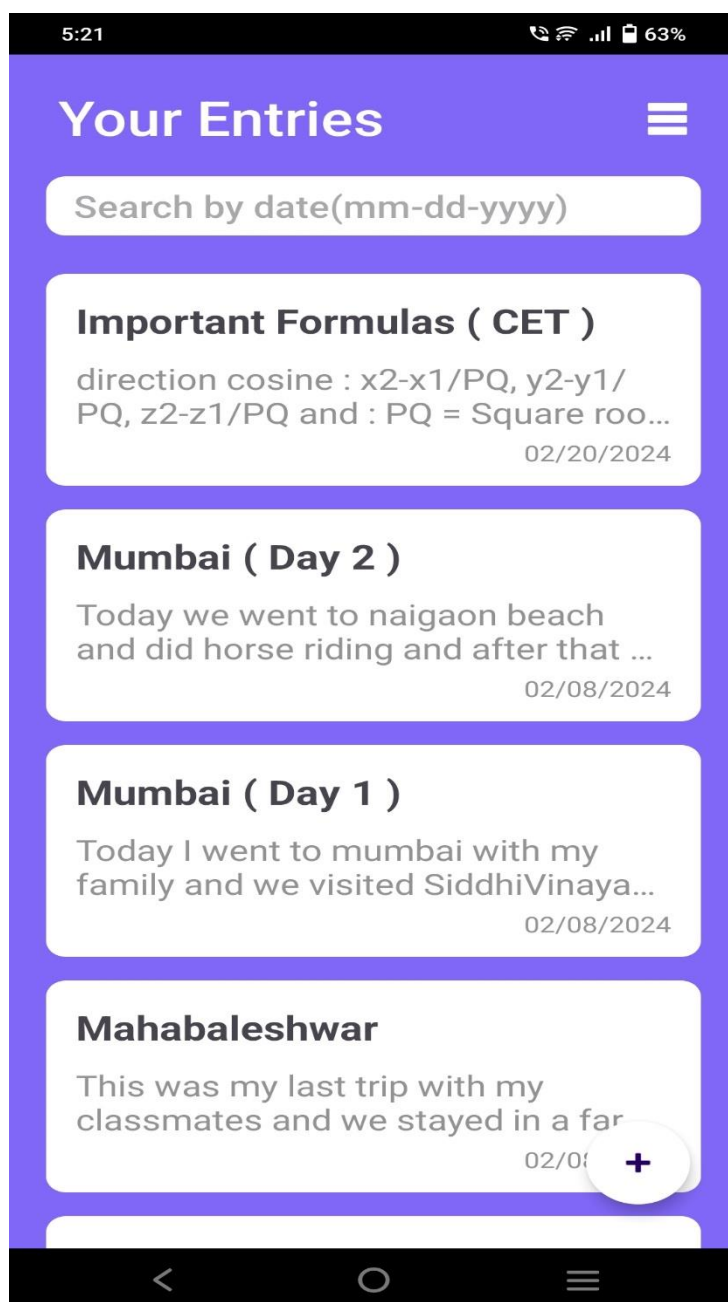
- CPU: Intel 2nd generation
- Memory(RAM): 8GB

2) SOFTWARE REQUIREMENT

- Operating System : Windows 10 (64 bit)
- Application Software : Android Studio

SNAPSHOTS

1) ENTRIES



2) ADD NEW ENTRY

The screenshot shows a mobile application interface for adding a new entry. The status bar at the top displays the time 5:21, signal strength, Wi-Fi, and 63% battery. The app's header is purple with the text "Add New Entry" and a white checkmark icon. Below the header is a large white rounded rectangle containing a text input field. The input field has a placeholder "Title" and a horizontal line. Below the line, the text "Dear Diary" is visible. At the bottom of the white rectangle, there are two icons: a vertical bar and a picture icon, and a trash can icon. The bottom of the screen shows a black navigation bar with a back arrow, a circle, and a hamburger menu icon.

3) USER AGREEMENT

5:21

📶 63%

MyDiary User Agreement

This User Agreement is a legal contract between you and MyDiary App. By accessing or using the MyDiary app and its services, you agree to be bound by the terms and conditions of this Agreement. If you do not agree with these terms, you will not be able to use the Service.

1) Account Registration

1.1 You must be at least 13 years old to use the MyDiary App.

1.2 You agree to provide accurate and complete information during the registration process.

1.3 You are responsible for maintaining the confidentiality of your account information.

2) Content

1.1 You own the content you create using the MyDiary App.

1.2 MyDiary App does not claim ownership of your content, but you grant MyDiary App a license to use, display, and distribute your content as necessary for the provision of the service.

3) Prohibited Control



4) AUTHENTICATION

Project Overview

Project shortcuts

Authentication

Firestore Database

Storage

What's new

Extensions

Release Monito...

Product categories

Build

Release and monitor

Analytics

Engage

All products

Spark

No cost \$0/month

Upgrade

MyDiary

Authentication

Users

Sign-in method

Templates

Usage

Settings

Extensions

Search by email address, phone number or user UID

Add user

Identifier	Providers	Created	Signed in	User UID
shifalisagoch15@gmail...		26 Feb 2024	26 Feb 2024	qCOI4HJr9cU353dW9huKya5...
masurkameya01@g...		26 Feb 2024	26 Feb 2024	NOrZX9j8KzUMSWPfn9C0Gb...
sakshikandge@gmail.c...		26 Jan 2024	26 Jan 2024	eNTSCywyPqc2TfnR6dsmh0X...
pratyushmajumdar27@...		21 Dec 2023	24 Mar 2024	dY9aAOt12mhaqJznJikb80dX...

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5) DATABASE ENTRIES

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Spark

No cost \$0/month

Upgrade

MyDiary

Cloud Firestore

DataRulesIndexesUsageExtensions

Protect your Cloud Firestore resources from abuse, such as billing fraud or phishing

Configure App Check

Panel view

Query builder

> diary > dY9aAOt12mha... > mydiary > I9P7UXVWF6B5.

dY9aAOt12mhaqJznJikb80dXI8D3

mydiary

I9P7UXVWF6B5EWsabDbI

+ Start collection

mydiary

+ Add field

This document does not exist. It will not appear in queries or snapshots. [Learn more](#)

+ Add document

5bD7RtzNm8YNp7FTWNb

6533Jih7YW9iG14W6Fah

869AtJBnHFKoZd8Bp3GB

F6yVyGscQokh7nsKyfD

I9P7UXVWF6B5EWsabDbI

Mu0mF7PAcLej3Y15jD9o

RPZyn8mEmfvmcIAuC3F

120Yp9gtSC310AhIjM4z

tPWZchah04UdGUrL2EwT

ucDnEJ6iGuc1SP5BNjF6

uoEhdFs9cf2NPex5dDk5

I9P7UXVWF6B5EWsabDbI

+ Start collection

+ Add field

content: "This was my last trip with my classmates and we stayed in a farmhouse, went for sightseeing and visited Mapro Garden. It was a 2 day trip worth remembering!!"

imageUrl: "https://firebasestorage.googleapis.com/v0/b/mydiary-e7864.appspot.com/o/diary_images%2FI9P7UXVWF6B5EWsabDbI.jpg?alt=media&token=96f0ea8c-9636-490d-9bfd-181b9f51a880"

timestamp: 8 February 2024 at 23:08:03 UTC+5:30

title: "Mahabaleshwar"

Database location: nam5

6) IMAGE STORAGE

Project Overview

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MyDiary

Storage

FilesRulesUsageExtensions

Protect your Storage resources from abuse, such as billing fraud or phishing

Configure App Check

gs://mydiary-e7864.appspot.com > diary_images

Upload file

Name	Size	Type	Last modified
0aURIF1S7T5PYxoam0zt.jpg	1.44 MB	image/jpeg	26 Feb 2024
28AZVH4yfaKUKbsfApjM.jpg	5.92 MB	image/jpeg	20 Feb 2024
6533Jih7YW9IGI4W6Fah.jpg	1.16 MB	image/jpeg	8 Feb 2024
I9P7UXVWF6B5EWsabDbl.jpg	5.94 MB	image/jpeg	8 Feb 2024
SllulFC8S5fFRAQByTpi.jpg	1.44 MB	image/jpeg	26 Feb 2024
cgYbwOhmcvWFdp7z7qby.jpg	5.92 MB	image/jpeg	20 Feb 2024
hKEJ1b0V4HI1TIsX4t0.jpg	16.6 KB	image/jpeg	26 Jan 2024
I20Yp9gtSC310AhIJM4z.jpg	189.08 KB	image/jpeg	8 Feb 2024
qKz9u3IMT1Ze0SXDAGpo.jpg	16.6 KB	image/jpeg	26 Jan 2024
ucDnEJ6iGuc1SP5BNjif6.jpg	252.74 KB	image/jpeg	8 Feb 2024

SYSTEM LIMITATIONS

- MyDiary is currently developed for Android platforms only, limiting its accessibility to users of other operating systems such as iOS or Windows.
- Certain features of MyDiary, such as data synchronization and cloud backup, require an internet connection, limiting functionality in offline environments.
- Although MyDiary implements security measures to protect user data, there may still be concerns regarding privacy, especially when using cloud-based services like Google Firebase for data storage.
- MyDiary's performance and functionality may vary across different Android devices depending on hardware specifications and operating system versions, leading to potential compatibility issues.

CONCLUSION

- In conclusion, MyDiary represents a comprehensive solution for digital diary management, offering users a convenient and secure platform to record their thoughts and experiences.
- Despite its limitations, including platform dependency and internet reliance, MyDiary excels in its primary objectives of efficient diary management, reminder functionality, and media support.
- Moving forward, addressing system limitations such as platform dependency and privacy concerns, while also exploring opportunities for further enhancements such as multi-device syncing and emotional analysis, can elevate MyDiary to greater heights.
- By continually iterating on user feedback and technological advancements, MyDiary has the potential to become the go-to digital diary app for users seeking a seamless and enriching diary-keeping experience.

REFERENCES

- 1) <https://play.google.com/store/apps/details?id=mydiary.journal.diary.diarywithlock.diaryjournal.secret diary>
- 2) <https://play.google.com/store/apps/details?id=diary.journal.lock.mood.daily>