EffiSync

~Where productivity meets inspiration

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Introduction

EffiSync is an all-inclusive productivity application that we have developed in C++ using the Qt Creator framework, integrating data structure concepts and object-oriented programming principles. This project aims to provide users with a multifaceted platform to enhance their daily productivity, task organization and time management.

How we created EffiSync

Qt Creator

This has been used to create our GUI

Data Structures

To easily store and manage user data

OOPs concepts

Backbone of our project to ensure code reusability & modularity
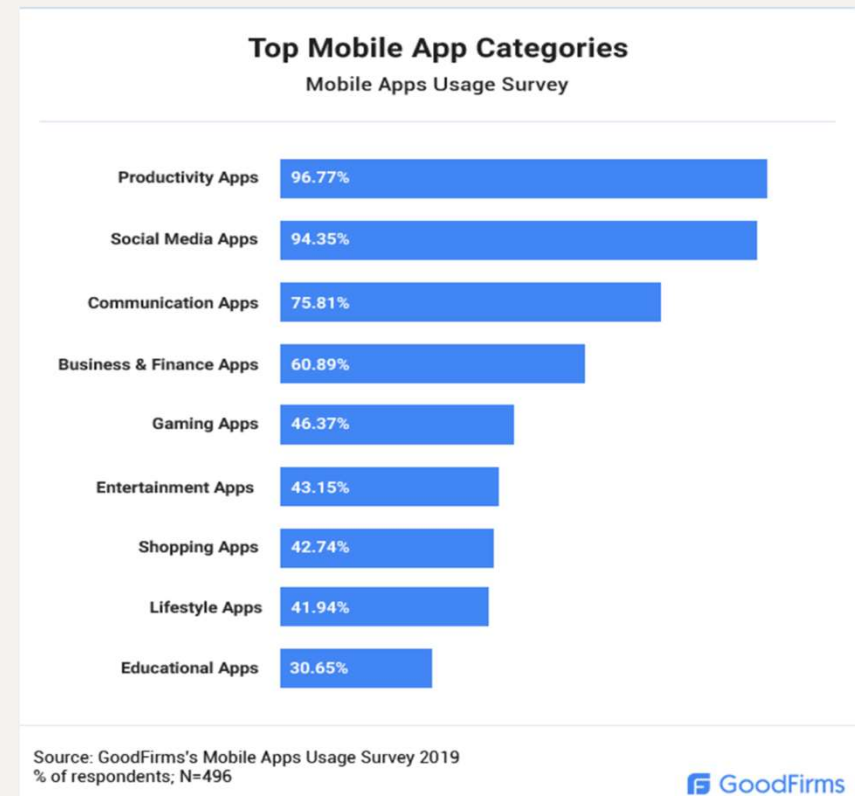
C++ Program

EffiSync
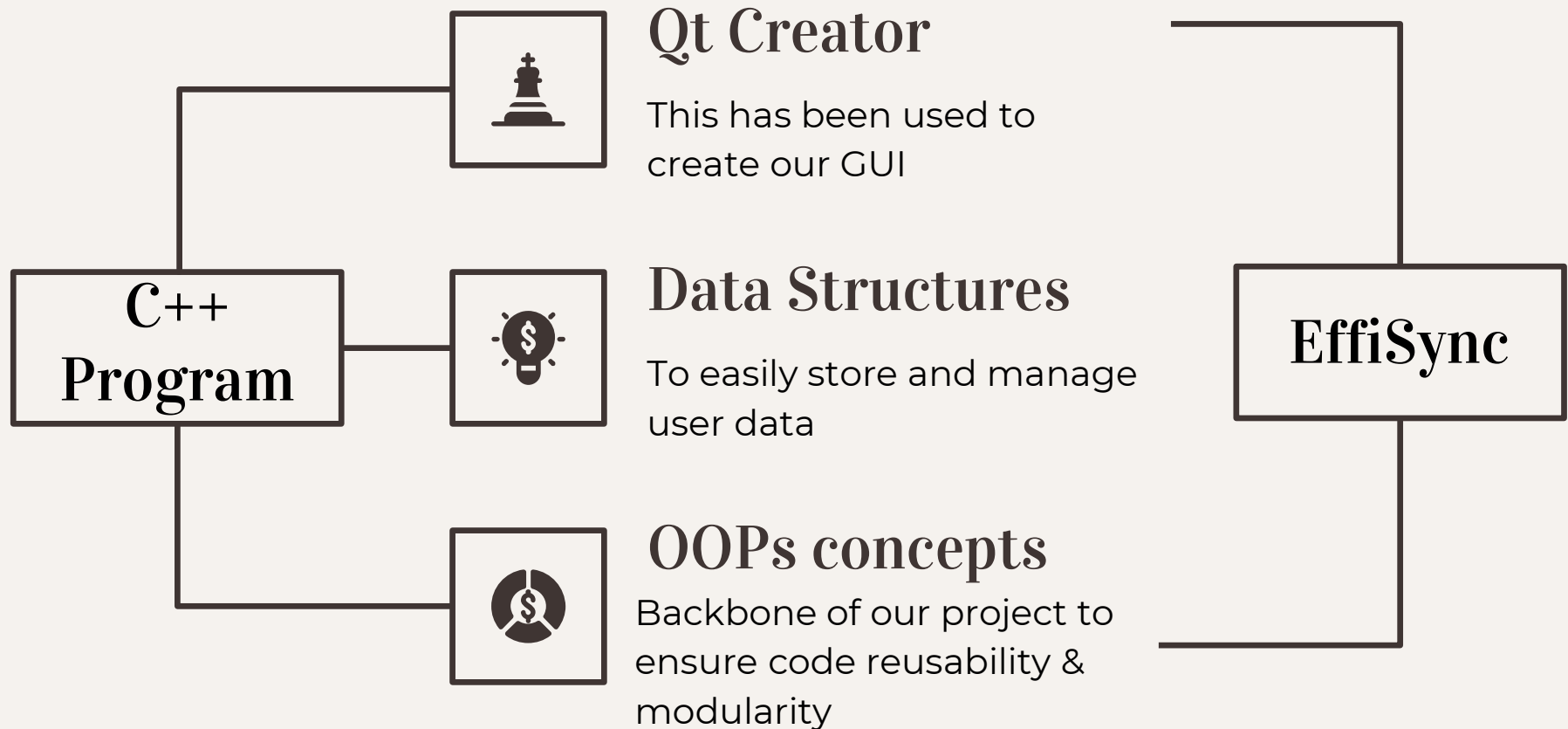
Problem Statement

In the contemporary landscape, users have come to expect not just functionality but a seamless integration of features that complement their multifaceted lives. The demand for applications that go beyond mere task management has become evident. Users seek tools that understand the holistic nature of productivity, acknowledging the interconnectedness of work, entertainment, and personal enrichment.
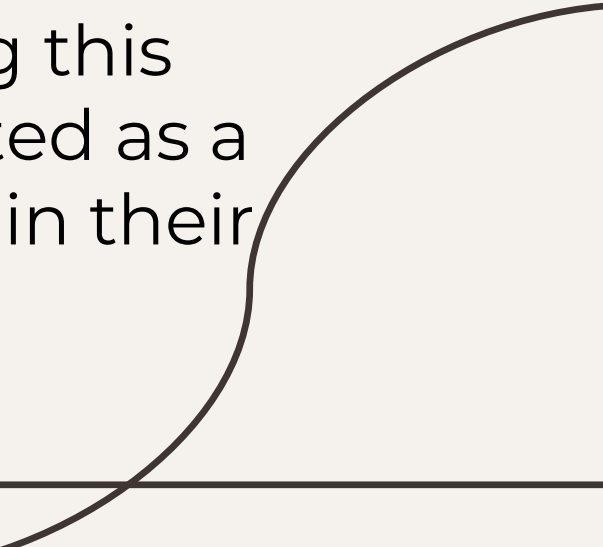
Relevance of Productivity apps
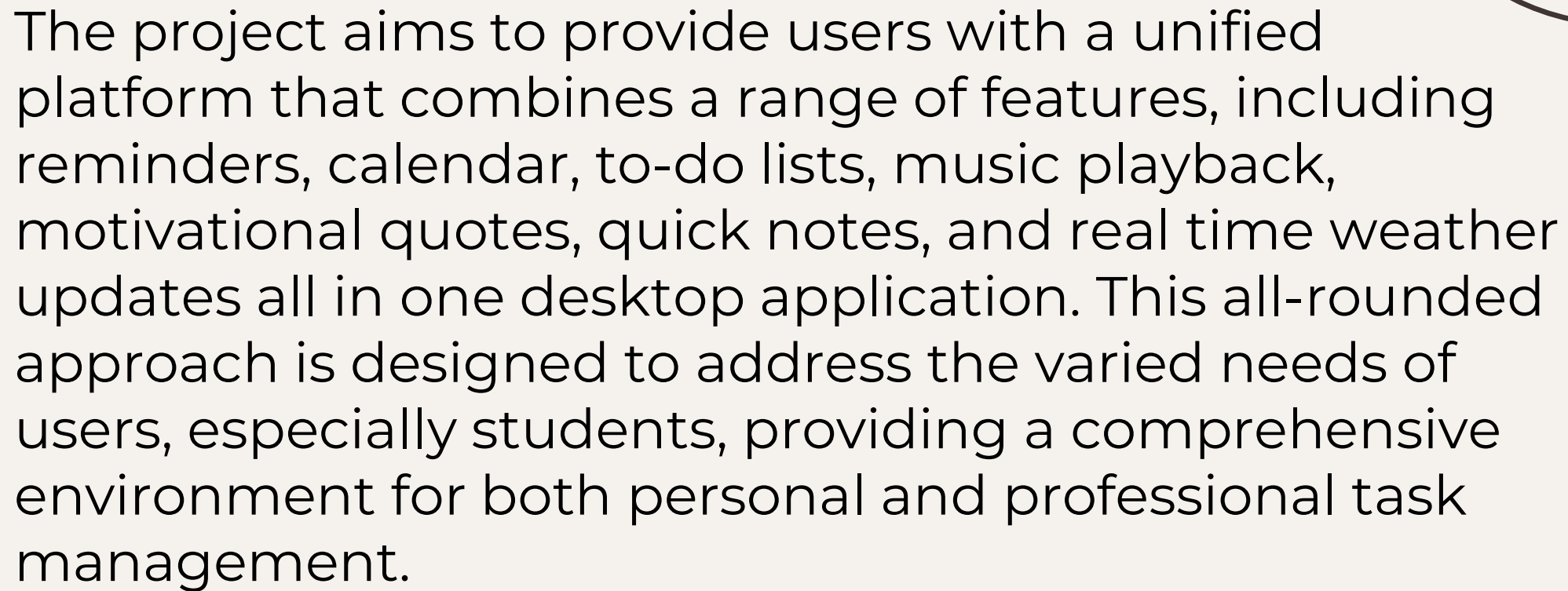
According to a survey conducted by GoodFirms in 2019 - "*For 96.77% of the users, Productivity Apps are the most dominant kind of apps on mobile.*"

Top Mobile App Categories
Mobile Apps Usage Survey

Category	%
Productivity Apps	96.77%
Social Media Apps	94.35%
Communication Apps	75.81%
Business & Finance Apps	60.89%
Gaming Apps	46.37%
Entertainment Apps	43.15%
Shopping Apps	42.74%
Lifestyle Apps	41.94%
Educational Apps	30.65%

Source: GoodFirms's Mobile Apps Usage Survey 2019
% of respondents; N=496

GoodFirms

Our Solution

As individuals handle complex schedules and several diverse tasks, the need for an integrated and efficient tool for task management, entertainment, and personal enrichment has become the need of the hour. Recognizing this need, the project "EffiSync" has been created as a response to the challenges faced by users in their pursuit for excellence

The project aims to provide users with a unified platform that combines a range of features, including reminders, calendar, to-do lists, music playback, motivational quotes, quick notes, and real time weather updates all in one desktop application. This all-rounded approach is designed to address the varied needs of users, especially students, providing a comprehensive environment for both personal and professional task management.

FEATURES OF EFFISYNC

DATE TIME AND WEATHER WIDGETS QUOTE GENERATOR

2023-11-19 18:35:54

The only way to do great work is to love what you do. - Steve Jobs

Quick Notes

Undo Save Clear Redo

FILE NAME

00:00:00   00:00:00

EffiSync

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
			November	2023			
44	29	30	31	1	2	3	4
45	5	6	7	8	9	10	11
46	12	13	14	15	16	17	18
47	19	20	21	22	23	24	25
48	26	27	28	29	30	1	2
49	3	4	5	6	7	8	9

To Do List

Enter Task To Do   Delete Task   Add Task

Temperature: 20.16°C
Weather: clear sky

Add Reminder

Title :   Enter Title

Description :   Enter Description

Time :   00:00

Email :   email@example.com

Add Reminder

Search Reminders

Search Reminder Titles   Search

Delete   Edit

QUICK NOTES

EffiSync

2023-11-19 18:42:59

Temperature: 20.16°C
Weather: clear sky

Quick Notes

> *The only limit to our realization of tomorrow will be our doubts of today. - Franklin D. Roosevelt*

| Undo | Save | Clear | Redo |

FILE NAME

00:00:00   00:00:00

Calendar

November 2023

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
44	29	30	31	1	2	3	4
45	5	6	7	8	9	10	11
46	12	13	14	15	16	17	18
47	19	20	21	22	23	24	25
48	26	27	28	29	30	1	2
49	3	4	5	6	7	8	9

To Do List

Enter Task To Do | Delete Task | Add Task

Add Reminder

Title :   Enter Title

Description : Enter Description

Time :   00:00

Email :   email@example.com

Add Reminder

Search Reminders

Search Reminder Titles | Search

| Delete | Edit |

TO-DO LIST

Open Here

2023-11-19 18:47:12

The harder you work for something, the greater you'll feel when you achieve it. - Unknown

FILE NAME

00:00:00   00:00:00

EffiSync

Quick Notes

No previous note available.

| Undo | Save | Clear | Redo |

November	2023					
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2
3	4	5	6	7	8	9

(Week numbers: 44, 45, 46, 47, 48, 49)

Add Reminder

Title : Enter Title

Description : Enter Description

Time : 00:00

Email : email@example.com

Add Reminder

To Do List

Enter Task To Do   **Delete Task**   **Add Task**

Search Reminders

Search Reminder Titles   **Search**

Delete   **Edit**

MUSIC PLAYER

Open Here

2023-11-19 18:53:19

What lies behind us and what lies before us are tiny matters compared to what lies within us. - Ralph Waldo Emerson

FILE NAME

00:00:00   00:00:00

EffiSync

Quick Notes

Undo   Save   Clear   Redo

November   2023

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
44	29	30	31	1	2	3	4
45	5	6	7	8	9	10	11
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47	19	20	21	22	23	24	25
48	26	27	28	29	30	1	2
49	3	4	5	6	7	8	9

To Do List

Enter Task To Do   Delete Task   Add Task

Temperature: 20.16°C
Weather: clear sky

Add Reminder

Title :   Enter Title

Description :   Enter Description

Time :   00:00

Email :   email@example.com

Add Reminder

Search Reminders

Search Reminder Titles   Search

Delete   Edit

End of Playlist

No more songs in the playlist.

OK

Undo   Save   Clear

tik-tok-background-music.mp3

00:05   00:31

Enter Task To Do

not taking risks. - Mark Zuckerberg

Start of Playlist

Already at the beginning of the playlist.

OK

Undo   Save   Clear

RiverFlowsInYou.mp3

00:00   00:31

Enter Task To Do

CALENDAR WIDGET AND REMINDERS

2023-11-19 19:02:33

The only way to do great work is to love what you do. - Steve Jobs

EffiSync

Temperature: 20.16°C
Weather: clear sky

Quick Notes

Undo	Save	Clear	Redo

Add Reminder

Title : Enter Title

Description : Enter Description

Time : 00:00

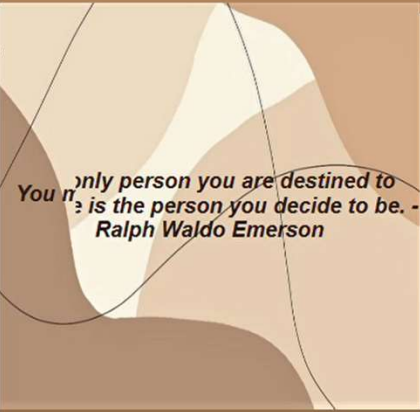Email : email@example.com

Add Reminder

November 2023

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
44	29	30	31	1	2	3	4
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47	19	20	21	22	23	24	25
48	26	27	28	29	30	1	2
49	3	4	5	6	7	8	9

Search Reminders

Search Reminder Titles **Search**

RiverFlowsInYou.mp3

00:00   00:31

To Do List

Enter Task To Do   **Delete Task**   **Add Task**

Delete	Edit

EffiSync

2023-11-19 19:11:26

Quick Notes

You nly person you are destined to
e is the person you decide to be. -
Ralph Waldo Emerson

Undo **Save** **Clear** **Redo**

RiverFlowsInYou.mp3

00:00   00:31

November 2023

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
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47	19	20	21	22	23	24	25
48	26	27	28	29	30	1	2
49	3	4	5	6	7	8	9

To Do List

Enter Task To Do   **Delete Task**   **Add Task**

Add Reminder

Title : Enter Title

Description : Enter Description

Time : 02:00

Email : email@example.com

Add Reminder

Search Reminders

Gym   **Search**

Delete   **Edit**

Edit Reminder

Title :

Gym

Description :

Biceps

Time :

3:00 AM

Email :

sadiya@gmail.com

Cancel   **Update Reminder**

Close