

# Holistic Web Application

---

Professor: Dr. Robert Gilliland

Team Members: Thanuj Reddy Chamakura

Sai Lokesh Vunnam

Venkatesh Siddabathula

# Introduction

---

- In today's fast-paced world, keeping track of tasks, expenses, and important files can be a real headache. Imagine having everything you need to manage your life in one handy app. That's exactly what we're proposing—a simple, user-friendly web application that combines task lists, expense tracking, and file storage into a single, easy-to-use platform.
- With our solution, you won't need to jump between different apps anymore. Instead, you'll have everything you need right at your fingertips. Whether it's organizing your to-dos, keeping tabs on your spending, or securely storing important documents, our app has got you covered. Say goodbye to stress and hello to a more organized and productive life!



# Project Background

---

- In today's modern world, the abundance of digital tools has brought convenience but also complexity to our daily routines. The need to manage tasks, track expenses, and store documents efficiently has become increasingly challenging amidst the plethora of disparate applications. Recognizing this, our project proposes a solution: a unified web application that merges task management, expense tracking, and file storage into one intuitive platform. Our motivation stems from a desire to simplify the chaotic landscape of digital organization, offering users a seamless experience that enhances productivity and reduces stress.

# Problem Statement

---

- In today's world, it's tough to keep everything organized. People use different apps for tasks, money tracking, and storing files, which can be confusing and time-consuming. Switching between apps makes things even more complicated and can make people feel stressed out and less productive. We need a simple solution that combines all these features into one easy-to-use app. This way, people can manage their tasks, track their money, and store their files all in one place, making their lives simpler and helping them stay organized.



# Methodology

---

- Our approach to building the web application starts with careful planning and understanding what our users need. We talk to people, ask questions, and do research to figure out how to make the app helpful for them. We're using Angular for making the app look nice and Spring Boot for making sure everything works smoothly behind the scenes. We also use MySQL and phpMyAdmin to organize all the information people put into the app.
- Once we have a good plan, we start building the app. We make sure the app looks good and works well on the outside with Angular, while Spring Boot helps us handle everything inside. With MySQL and phpMyAdmin, we keep all the information safe and organized. After testing and getting feedback from users, we make any necessary changes to improve the app.

# Technology

---

- Front end- Angular
- Back end- Spring Boot
- Database- Mysql(Php myadmin)





# Experiments

---

## Enhancing App Features Based on User Feedback

- Gathering feedback from both the poster presentation and classmates who have used the app provides valuable insights into areas for improvement. By organizing and analyzing this feedback, common themes and recurring issues can be identified, forming the basis for prioritizing enhancements. Through this process, critical feedback points with the greatest impact on user experience are determined and targeted for improvement, ensuring that resources are allocated effectively.
- Taking an iterative design approach allows for focused improvements to be made to specific features of the app. By implementing changes incrementally and testing them with a smaller group of users, the effectiveness of these enhancements can be assessed more efficiently. This approach also facilitates validation of improvements through additional feedback gathering, enabling iterative refinement until the desired user experience is achieved.

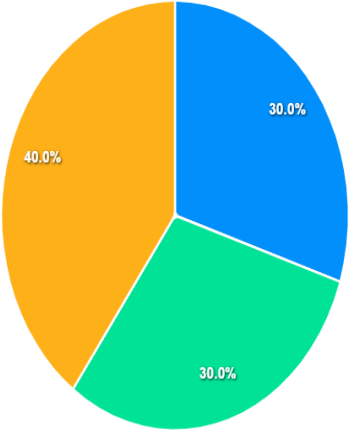
# Experiments

---

- Throughout the improvement process, maintaining a user-centric focus is paramount. By keeping user needs and preferences at the forefront of the design process, proposed enhancements are aligned with the overarching goals of the app. This ensures that improvements not only address identified issues but also contribute to enhancing the overall user experience, resulting in a more effective and user-friendly solution.



# Dashboards



30  
Done

30  
Todo

40  
pending

## Tasks

Mar 28, 2024  
opt



Feb 26, 2024  
thanuj



## Files List

### app.py

application/octet-stream  
uploadsapp.py

[View File](#)[Delete File](#)[Download File](#)

### check.py

application/octet-stream  
uploadscheck.py

[View File](#)[Delete File](#)[Download File](#)

### log.jpg

image/jpeg  
uploadslog.jpg

[View File](#)[Delete File](#)[Download File](#)

### Screenshot (5).png

image/png  
uploadsScreenshot (5).png



# Expense Management System

Expense \$20,000

Expense

Add Expense

Total 6-Month Expense:

Month	Amount
APRIL	0
MARCH	2200
FEBRUARY	2140
JANUARY	2145
DECEMBER	2140
NOVEMBER	2090

Recent Bills

Category	Due Date	Month-Year	Amount	Status
Utilities	2024-03-	3-2024	200	Paid

# Discussion

---

- In today's dynamic environment, the need for streamlined organization solutions is more apparent than ever. Our project aims to address this challenge by proposing a comprehensive web application that integrates task management, expense tracking, and file storage into a unified platform. Through collaborative discussions with our team members, professor, and fellow students, we've refined our ideas to ensure that our solution meets the diverse needs of users. By consolidating essential functionalities into a user-friendly interface, our app promises to simplify users' lives, eliminating the hassle of switching between multiple tools. From prioritizing tasks to monitoring expenses and securely storing documents, our app offers a one-stop solution for enhancing productivity and organization.



# Conclusion

---

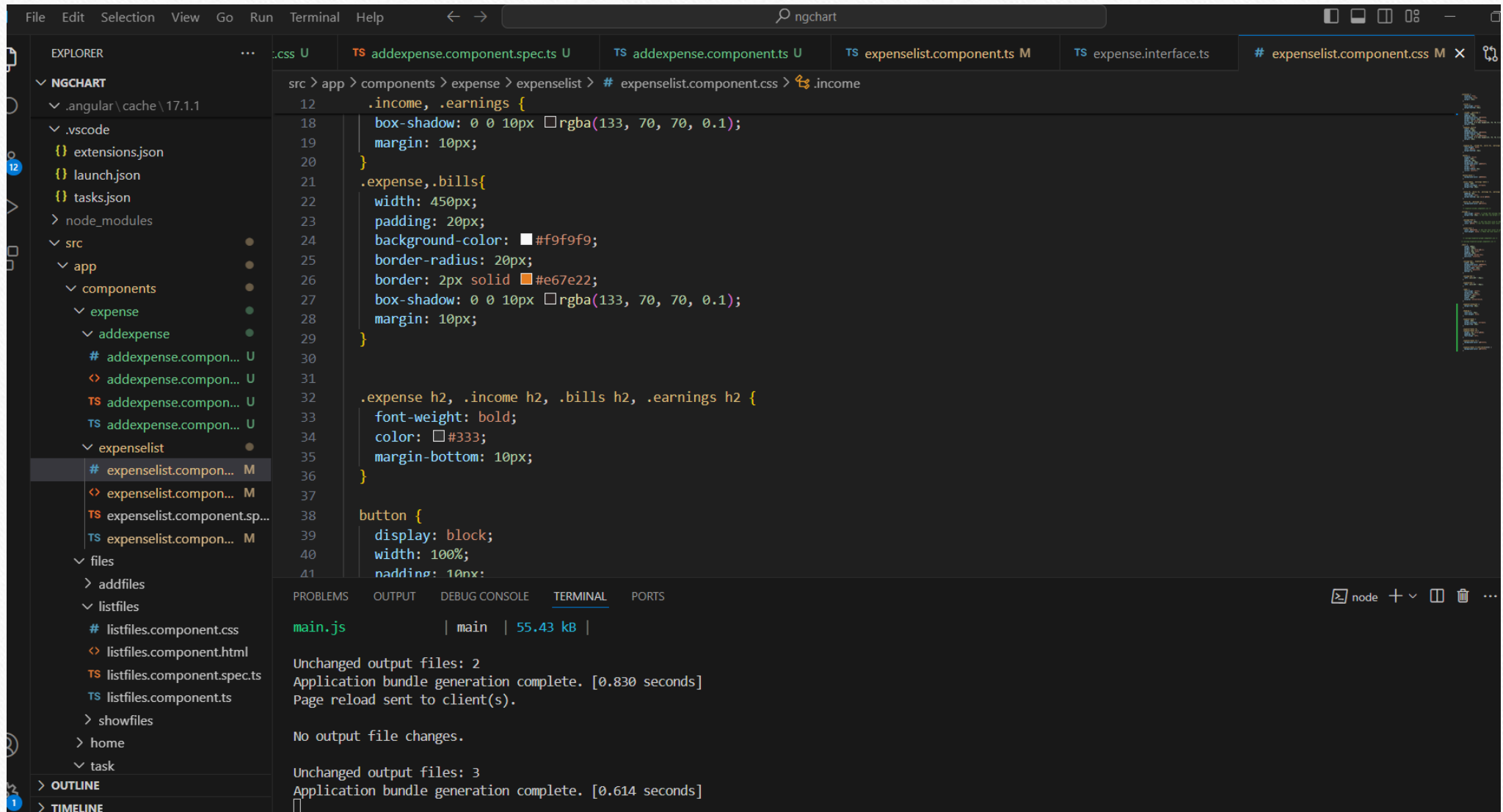
- Our project set out to make life easier in the digital age by creating a single app to handle tasks, expenses, and files. By listening to feedback from our presentations and testing sessions, we've made improvements that make the app more user-friendly. As we keep working on it, we'll make sure to keep listening to users and finding ways to make the app even better. Our goal is to help people take charge of their lives more easily in today's busy world.

# Team member Contribution

---

- Venkatesh: Venkatesh spearheaded the frontend development using Angular. His dedication to creating an intuitive user interface resulted in a visually appealing and user-friendly experience for app users.





# Sai Lokesh Vunnam

---

- Sai Lokesh managed the database effectively, utilizing his skills in database management to ensure the secure storage and efficient retrieval of user data. His contribution ensured the reliability and integrity of the application's data management system.



localhost/phpmyadmin/index.php?route=/sql&db=task&table=tasks&pos=0

phpMyAdmin



Recent Favorites

- New
- information\_schema
- mysql
- performance\_schema
- phpmyadmin
- task
  - New
  - expense
  - expenses
  - file
  - filetable
  - income
  - monthly\_summary
  - tasks
  - tasks\_seq
- test

Server: 127.0.0.1 » Database: task » Table: tasks

[Browse](#) [Structure](#) [SQL](#) [Search](#) [Insert](#) [Export](#) [Import](#) [Privileges](#) [Operations](#) [Tracking](#) [Triggers](#)

Showing rows 0 - 9 (10 total, Query took 0.0011 seconds.)

[SELECT \\* FROM `tasks`](#)

☐ Profiling [\[ Edit inline \]](#) [\[ Edit \]](#) [\[ Explain SQL \]](#) [\[ Create PHP code \]](#) [\[ Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

				due_date	id	description	title	type
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	2023-10-30 20:00:00.000000	103	ye	thanuj reddy is not ready for the title	Todo
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	2023-10-30 20:00:00.000000	104	NO escription	Maneesh reddy is not ready	Todo
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	2023-10-30 20:00:00.000000	107	NO escription	raji reddy is not ready for the title	Done
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	2023-10-30 20:00:00.000000	108	NO escription	sathayavathi reddy is not ready for the title	Done
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	2023-10-30 20:00:00.000000	109	NO escription	Kistan reddy is not ready for the title	Done
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	2024-02-14 00:00:00.000000	254	Checking the coun	Thanuj Reddy	pending
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	2024-02-14 00:00:00.000000	255	vlj	ikvh	pending
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	2024-02-19 00:00:00.000000	258	pofgn;warb	zf,klnbafb	pending
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	2024-02-26 00:00:00.000000	302	OPT Apply	thanuj	pending
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	2024-03-28 00:00:00.000000	402	i have to app for opt cpt		Todo

☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

localhost/phpmyadmin/index.php?route=/table/sql&db=task&table=tasks

# Thanuj Reddy Chamakura

---

- Thanuj Reddy: Thanuj led the backend development using Spring Boot and API integration. His expertise ensured that the backend functionalities were robust and efficiently handled data processing for the application.



Project ▾

- TaskManagement C:\Users\Thanu\Downloads\TaskMan
  - .idea
  - .mvn
  - src
    - main
      - java
        - com.example.TaskManagement
          - config
            - CountType
            - Expense
            - ExpenseController
            - ExpenseRepository
            - ExpenseService
            - File
            - FileController
            - FileRepository
            - FileService
            - Income
            - MonthlySummary

TaskManagementApplication.java

```
1 package com.example.TaskManagement;
2
3 > import ...
9
10 @SpringBootApplication
11 @EntityScan("com.example")
12 @ComponentScan("com.example")
13 @EnableJpaRepositories("com.example")
14 public class TaskManagementApplication {
15
16     Thanujreddy123
17     public static void main(String[] args) {
18
19         SpringApplication.run(TaskManagementApplication.class, args);
20     }
21 }
```

Run TaskManagementApplication

2024-04-16T09:17:49.745-04:00 WARN 22512 --- [l-1 housekeeper] com.zaxxer.hikari.pool.HikariPool : HikariPool-1 - Thread starvation or clock leap detected (housekeeper

2024-04-16T09:28:57.043-04:00 WARN 22512 --- [l-1 housekeeper] com.zaxxer.hikari.pool.HikariPool : HikariPool-1 - Thread starvation or clock leap detected (housekeeper

2024-04-16T10:14:09.713-04:00 WARN 22512 --- [l-1 housekeeper] com.zaxxer.hikari.pool.HikariPool : HikariPool-1 - Thread starvation or clock leap detected (housekeeper

2024-04-16T10:29:17.745-04:00 WARN 22512 --- [l-1 housekeeper] com.zaxxer.hikari.pool.HikariPool : HikariPool-1 - Thread starvation or clock leap detected (housekeeper

2024-04-16T10:45:05.679-04:00 WARN 22512 --- [l-1 housekeeper] com.zaxxer.hikari.pool.HikariPool : HikariPool-1 - Thread starvation or clock leap detected (housekeeper

2024-04-16T22:05:01.606-04:00 WARN 22512 --- [l-1 housekeeper] com.zaxxer.hikari.pool.HikariPool : HikariPool-1 - Thread starvation or clock leap detected (housekeeper

Thank you