

Ahsanullah University of Science and Technology

Department of Computer Science and Engineering



CSE2200: Software Development-III, Fall 2022

Year: 2nd

Semester: 2nd

Lab Section: C1

Group: 04

Project Name: TaskZen

Group Members:

Name: MD. Manzar Nur Rahman

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ID: 20210104108

Project Description:

Introducing Task Zen, the ultimate productivity app developed in Java using Android Studio. This all-in-one application combines a to-do list, habit tracker, and Pomodoro timer to streamline your daily routine. Stay organized and focused by managing tasks, prioritizing deadlines, and categorizing activities. Task Zen goes beyond task management, analyzing your daily habits to identify your hobbies and interests. Seamlessly integrate these positive habits into your routine and track your progress effortlessly. Enhance your productivity with the built-in pomodoro timer, allowing you to work in focused sessions and take regular breaks for optimal efficiency. With its clean and intuitive interface, Task Zen provides a serene environment for your tasks and habits. Elevate your productivity and mindfulness today by downloading Task Zen. This project is 95% Completed.

Proposed Goals:

Quote by David Allen: "Your mind is for having ideas, not holding them." The motivations and inspiration behind creating Task Zen are centered around empowering individuals to enhance their productivity, cultivate positive habits, and find a sense of calm and focus in their daily lives. Here are some key motivations:

1. **Personal Productivity Journey:** The creator of Task Zen may have gone through their own journey of struggling with productivity and time management. This personal experience inspired them to develop an app that could address those challenges and help others overcome them as well.
2. **Desire for a Comprehensive Solution:** Existing productivity apps may have lacked certain features or failed to provide a holistic approach to task management and habit cultivation. Task Zen aims to fill that gap by combining task management, habit tracking, and relaxation techniques into one integrated platform.
3. **Mindfulness and Well-being:** The concept of incorporating mindfulness practices and promoting well-being through a productivity app could have

been a significant inspiration. Task Zen strives to help individuals achieve a state of calm, focus, and balance in their lives, recognizing the importance of mental and emotional well-being.

4. Personal Growth and Fulfillment: The desire to facilitate personal growth and fulfillment plays a crucial role in Task Zen's development. By analyzing users' habits and suggesting activities aligned with their interests and hobbies, the app encourages individuals to engage in meaningful pursuits that bring them joy and satisfaction.

5. Impact on Users' Lives: Ultimately, the motivation behind Task Zen is the desire to make a positive impact on users' lives. The app aims to provide them with a tool that not only increases productivity but also brings a sense of purpose, organization, and tranquility to their daily routines. By combining these motivations, Task Zen aspires to be a comprehensive and transformative app that empowers users to achieve their goals, build positive habits, and find balance and fulfillment in their lives

Software Platform:

Android Version: 11.0

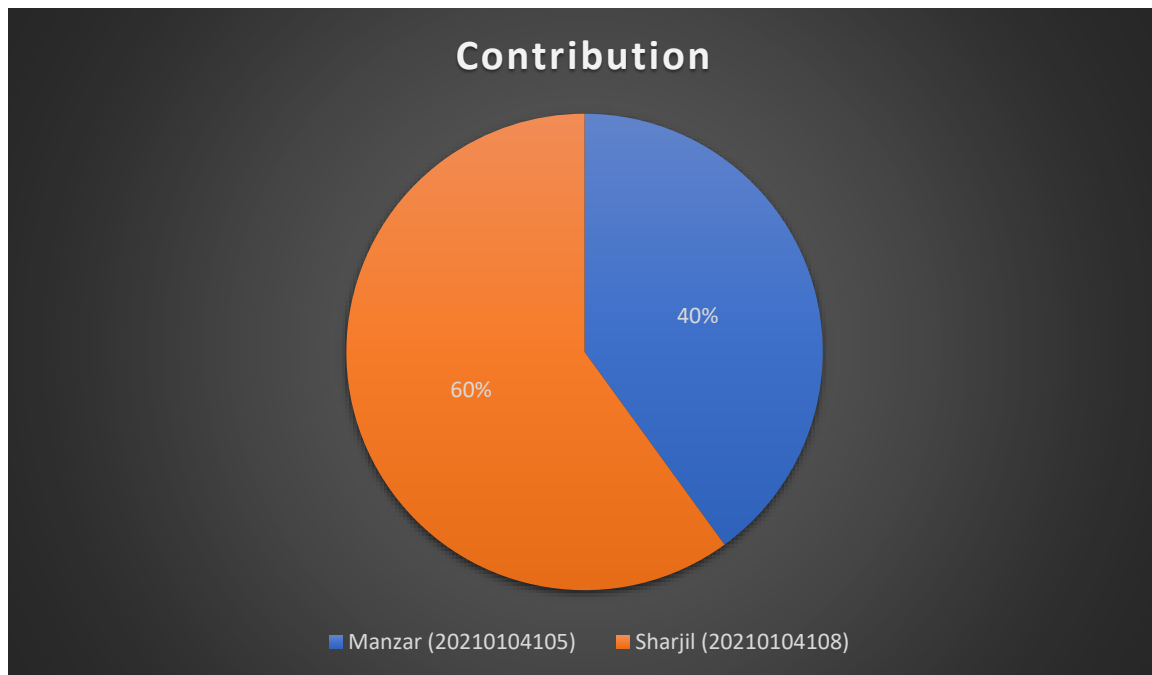
Database: Firebase

Project Features:

Number	Features	Status
1	Google Sign in	Implemented
2	User Profile wise Task Management	Implemented
3	Notification and Reminder	Implemented

4	Alarm	Implemented
5	Integration and syncing	Implemented
6	Pomodoro Timer	Implemented
7	User Profile wise Note Pad	Implemented
8	Insight and Analytics	Partially Implemented
9	User-Friendly Interface	Implemented
10	Data Security	Implemented
11	Habit Tracker	Not implemented
12	Signout	Implemented
13	Calendar View	Implemented

Project Contribution:



The contributed Portion of each member is listed below:

Manzar Nur Rahman (20210104105)

1. Google Sign in & Sign Out
2. Pomodoro Timer
3. Navigation Toggle
4. Calendar View
5. Animation

Sharjil Shabab Khan (20210104108)

1. Designing The App Interface
2. Task Management using Database

3. Notepad Using Database
4. Notification & Reminder System
5. User-Info
6. App Logo

Limitations:

1. Can't logout from navigation menu
2. Task can't be edited or modified
3. User profile photo can't be changed
4. User name can't be edited

Future Plan:

In future, we will try to overcome the limitations we have such as the ability to logout from navigation menu, a fully working navigation menu so that we don't have to have a floating logout button. We will add timestamp to our notes, the ability to change username and user profile photo.

Conclusion:

Certainly! Here's a conclusion for Task Zen:

In a world filled with distractions and demands, achieving a balanced and productive life can be a challenge. But with Task Zen by your side, you have a powerful ally in your quest for success and mindfulness. Task Zen isn't just another productivity app; it's a holistic approach to managing your tasks, cultivating positive habits, and enhancing your focus. By combining a to-do list, habit tracker, and Pomodoro timer in one elegant package, Task Zen simplifies your daily routine, helping you find the perfect balance between work and personal life. So, why wait? Take the first step toward a more organized, focused, and mindful existence. Download Task Zen today and unlock your true potential. Let Task Zen be your guide as you navigate the complexities of modern life, leading you toward a brighter, more productive, and fulfilling future. With Task Zen, you're not just managing tasks; you're managing your destiny. Feel free to use this conclusion or adapt it to your specific needs and branding for Task Zen.