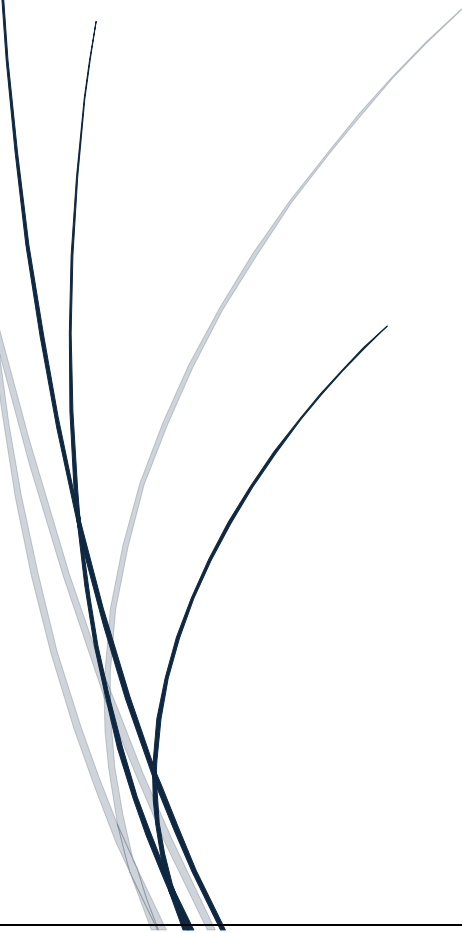




3/28/2024

Open-Source Coding

Part 1- Planning & Design



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Introduction

The app "Alpha," a time-tracking tool, it is created to help professionals handle their work hours efficiently. Alpha's goal is to simplify time monitoring for both individuals and businesses by providing unique features that improve productivity and efficiency. This document outlines a thorough plan for Alpha, including its main characteristics, user interface mock ups, basics, and project plan which will detail deadlines and milestones for the development of Alpha.

(Hubstaff, 2022)

Overview



Alpha [Icon Design]

Welcome to Alpha, your perfect partner in efficiently managing your work hours. Designed for the modern worker/business, Alpha provides a smooth answer to the common struggle of tracking time that many of us encounter daily. Alpha is here to revolutionize your time-tracking app experience with customized features designed to suit your needs and the needs of your business.

Name: Alpha

Description: Alpha is a user-friendly application which hosts a variety of features such as, time tracking, intuitive user interface and gamification elements which essentially create an enjoyable and efficient way for time management.

Design: The icon design features a minimalist tech style of logo 'A' representing Alpha. [Created with Canva]

(Mindseo, 2022)

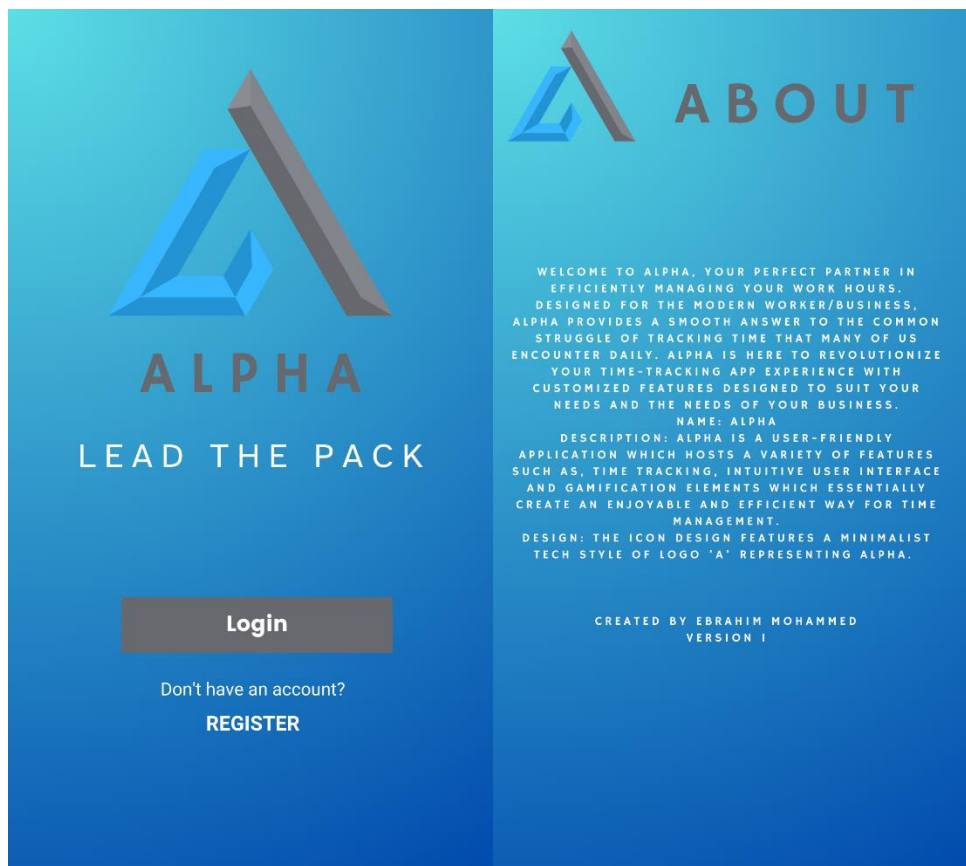
Innovative Features

- **UI:** Alpha will incorporate a modern age user-friendly interface which will allow users to seamlessly navigate throughout the application. Ultimately this will enhance user experience and productivity.
- **Tutorial:** I will add a feature that allows users to walk through the application with visual aid and guidelines.
- **Share feature:** Alpha time tracking will allow users to share the information inputted on their timesheet to apps such as the calendar application and various other platforms.

Detailed Requirements

- **Verification of a user's identity:**
Individuals have the ability to safely register and sign in by utilizing a username and password.
- **Management of a specific group or classification of items:**
Users have the ability to establish, modify, and remove categories to efficiently arrange timesheet entries.
Functionality for rearranging categories easily by dragging and dropping.
- **Creating entries in a timesheet:**
Users have the capability to effortlessly make new timesheet entries by indicating the date, start and end times, description, and category.
Fast-track option for quickly inputting time dedicated to tasks. ([CBM, 2024](#))
- **Photo attachment:**
Capability to add pictures to timesheet records for visual reference and documentation reasons.
Individuals have the option to establish both a minimum and maximum daily target for the number of hours worked in order to uphold productivity.
- **Viewing timesheets:**
A complete overview of all timesheet entries within a chosen timeframe, featuring filters and search functions.
View stored photos directly from the timesheet interface.
- **Tracking time by category:**
In-depth analysis of the hours allocated to each category over a chosen timeframe.
Visual aids like charts and graphs provide enhanced understanding.
- **Gamification components:**
Introducing challenges, badges, and rewards to motivate users and make time tracking more interesting for the user giving them a more enjoyable experience. ([Barney, 2023](#))

User Interface Design [Mock-up]




[Splash Page]

Alpha's splash page immediately establishes an engaging user experience as soon as the app is opened. The splash screen greets users with a sense of curiosity and excitement, showcasing the Alpha logo against a visually striking background. This first look at the Alpha app's visual style and branding suggests its creative features and contemporary design approach. Moving from the splash page to the main interface smoothly introduces users to Alpha's environment of productivity and efficiency, preparing them for an enriching and immersive experience to come. ([Muhammed, 2024](#))


[About]

The Alpha app's "About" screen offers users important details about the app and the people behind it. It contains information like the app's version number, date of release, and a short explanation of its purpose or features.



LOGIN

Register Here



REGISTER

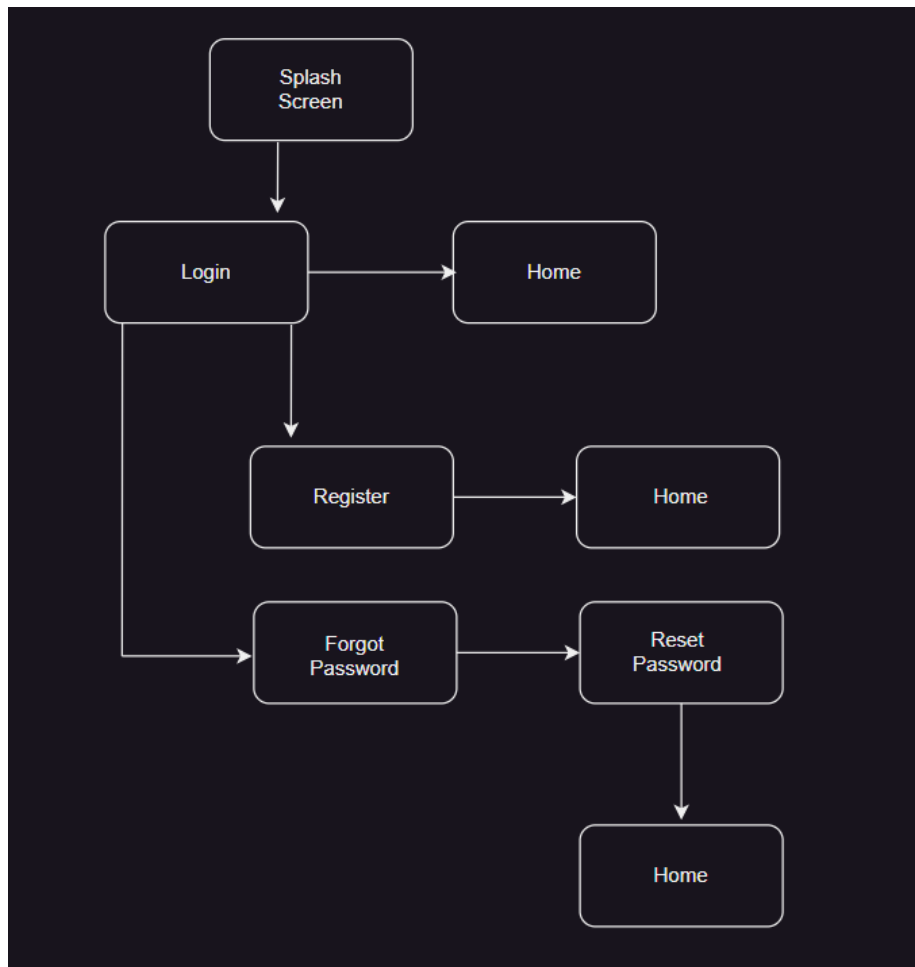
Already have an account? Login

[Login & Register]

The login and register pages in Alpha act as the gateway to the app's platform, providing a safe route for users to access their accounts and inviting new members to become part of our community. The login page functions as a virtual key that permits current users to access their accounts using well-known usernames and passwords, protecting their privacy and security. At the same time, the registration page offers a welcoming opportunity for new users to register.

(Poza, 2017)

Diagram [Showing how users will navigate]

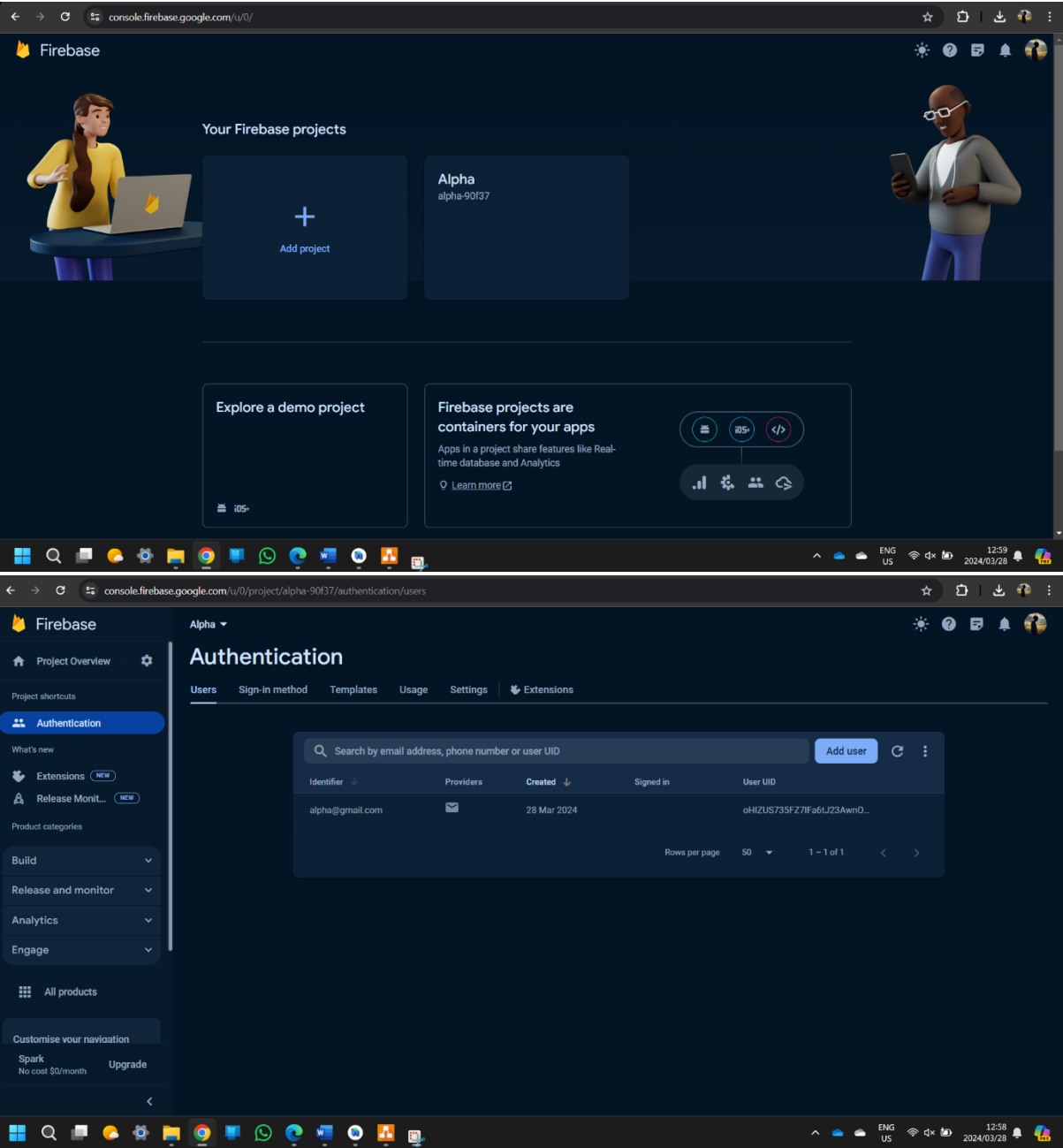


[Created via draw.io]

Navigation Explained:

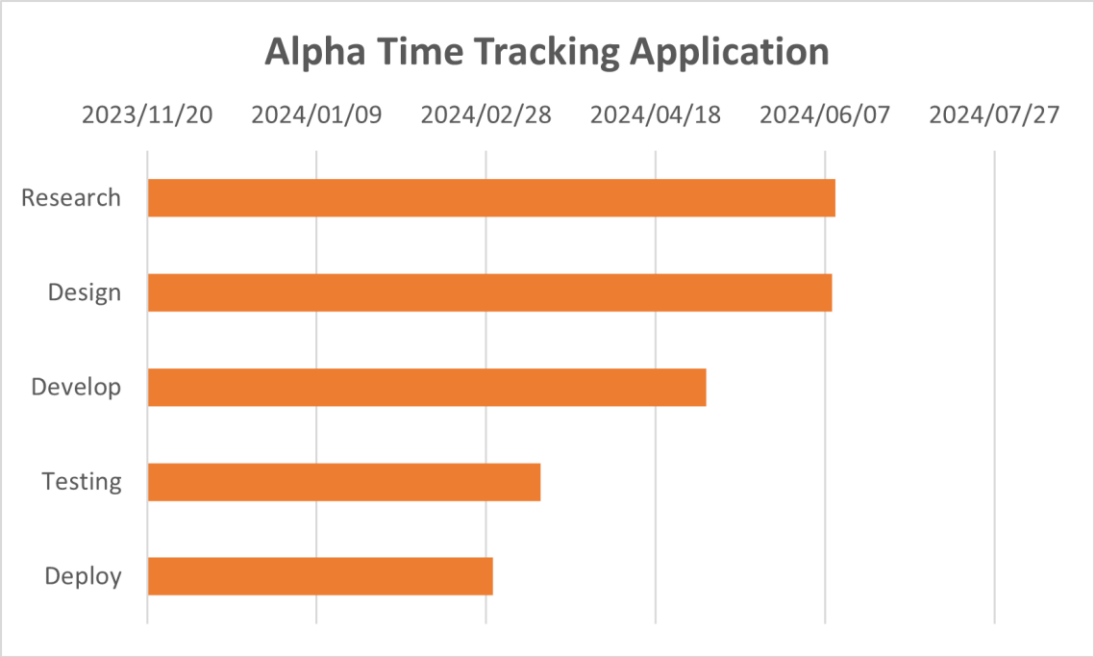
- Upon launching of the Alpha application, users will be greeted with the **Splash Screen**.
- On the splash screen, users can navigate to the **Login** or **Register** feature.
- If a user has forgotten their password, they can navigate to the **Forgot Password** screen.
- After the user successfully logs in or registers, they will be directed to the **Home** screen, this is where the applications features will be accessible.

Firebase [Screenshots]



[Created firebase]

Project Plan [Gantt chart]



[Created with MS Excel]

This chart represents the various steps of creating Alpha, the time tracking application.

It includes:

- Research [Start-End Date]
- Design [Start-End Date]
- Development [Start-End Date]
- Testing [Start-End Date]
- Deployment [Start-End Date]

(Gannt, 2024)

Conclusion

As we conclude our planning and design phase for the Alpha app, we have thoroughly investigated to comprehend the requirements of our users and determine the best way to assist them. After conducting in-depth research and analysis, we have obtained valuable knowledge about our environment and ways in which we can differentiate ourselves. Our focus is on creating products that are not only practical but also enjoyable to use. Our schedule provides a clear direction, allowing enough time for thorough refinement and finishing touches. We are very enthusiastic and sure about the upcoming stages as we transition into the development phase. Focused on creating an amazing product, we are prepared to work hard and make the Alpha app a reality!

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