UNIVERSITY MALAYSIA TERENGGANU

SEMESTER II 2023/24

CSF3103 FRONT-END PROGRAMMING

INDIVIDUAL ASSIGNMENT

TITLE: EASYCALENDAR

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Introduction

In the fast-paced world we live in, staying organized and managing time efficiently is crucial for personal and professional success. Calendar applications have become essential tools for individuals to keep track of their schedules, appointments, and tasks. However, many existing calendar apps are cluttered, difficult to navigate, and lack personalization options, which can lead to user frustration and inefficiency.

"EasyCalendar" is a hybrid mobile calendar application designed by an amateur to address these issues by offering a somewhat user-friendly interface, lack luster event management features, and limited customization options. Developed using HTML, CSS, JavaScript, and the Cordova framework, EasyCalendar aims to get the developer at least a passing mark in his course.

Problem Statement

Despite the availability of numerous calendar applications on the market, users continue to face several significant challenges:

1. **Complex and Cluttered Interfaces**: Many existing calendar apps have overly complicated and cluttered interfaces that make navigation difficult and reduce overall usability. This often leads to user frustration as they struggle to find and manage their events efficiently.

2. **Lack of Organization and Event Management**: Users often struggle to stay organized and remember important events and deadlines due to inadequate event management features. Current apps may lack robust reminder systems and flexible scheduling options, making it hard for users to keep track of their commitments.

3. **Limited Customization Options**: Personalization is key to user satisfaction, yet many calendar apps offer limited customization options. Users are unable to tailor the app to their specific needs and preferences, leading to a generic and less engaging experience.

These issues highlight the need for a more intuitive and customizable calendar app that can cater to the diverse needs of users, helping them stay organized and manage their time effectively.

Objectives

The primary objectives of the EasyCalendar project are as follows:

1. **Develop a User-Friendly Interface**: Create an intuitive and clean interface that allows users to navigate the app effortlessly. The design will focus on simplicity and ease of use, ensuring that users can quickly access and manage their events without any confusion.

2. **Enhance Event Management Features**: Provide comprehensive features for creating, managing, and categorizing events. This includes robust reminder systems, notifications, and flexible scheduling options to help users stay on top of their commitments and deadlines.

3. **Offer Extensive Customization Options**: Enable users to personalize their experience by offering various customization options. Users will be able to adjust the app's appearance, set preferences for notifications, and organize their events in a way that best suits their individual needs.

By addressing these objectives, EasyCalendar aims to become a reliable and efficient tool for users to manage their daily schedules, ensuring they stay organized and never miss an important event or deadline.

App – EasyCalendar

Image 1

This is the first page you will be greeted with. A very simple, bare bone UI. The <>
button are for changing months and the setting icon is for accessing the settings.
Below is a grid of cells, displaying the dates of the month selected. Each one cell,
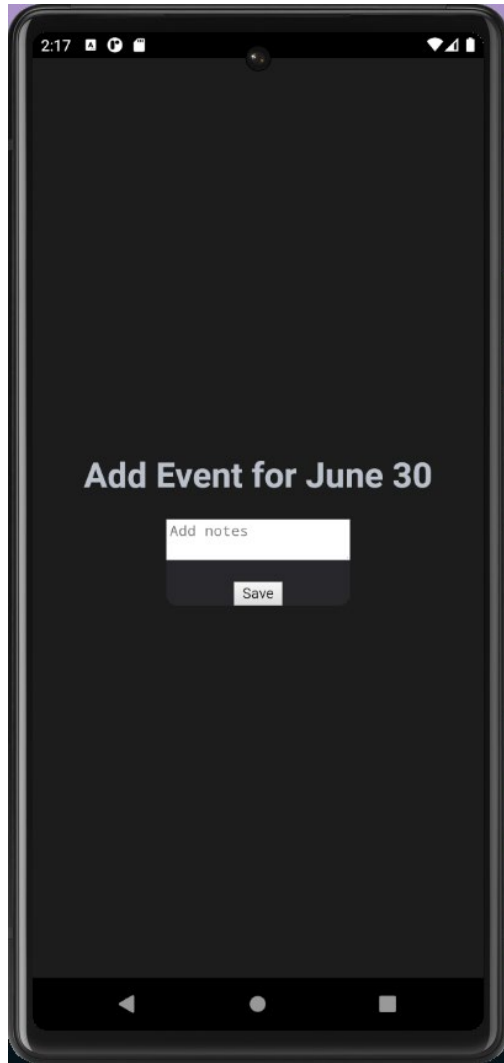when pressed, will redirect the user to the "addEvent" page.

Image 2

After clicking/pressing one of the dates, this page pops out. Staggeringly simple UI yet 'complex' at the same time. It uses Javascript in-built storage method to store the note, specifically the localStorage.

Image 3

The setting icon, when pressed, will direct to the setting page, where the last two braincells of the developer is used to the max. This page represents how you get to choose in life. Sometime, you can't.

Summary/What I've Learned

I learned that I could use some more time management skills. I made this in about two days. I also learned that AI are not at all reliable when it comes to specific stuff, like how to generate the whole project, or how to add 1 + 1. I mostly used the official Llama-3-8b-instruct model by Meta locally on my PC.

Regarding the project, I learned more about Javascript Date() and how to style the page in consideration to the screen size of a mobile device.

Github Link

https://github.com/S63606-UMT/EasyCal

References

Llama3-8b-instruct. https://huggingface.co/meta-llama/Meta-Llama-3-8B-Instruct