

Assignment FST10014 Programming

Application Proposal

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Application Name: Multipurpose Personal Productivity Tool (MPPT)

Application Description

The Multipurpose Personal Productivity Tool is an all-in-one mini-tools in a single computer application that covers multiple common productivity enhancing computer programs. It allows the user to employ this single application to accomplish several tasks encompassing note-making, events-planning and budget-tracking.

Objectives

The Multipurpose Personal Productivity Tool (MPPT) is designed to:

1. Enhance individual's productivity
2. Bridge several computer programs into a single application to avoid confusion while using different programs
3. Enable better planning of events and decision making when dealing with time and budget
4. Keep track of future and previous planning of events
5. Reduce paper wastage for productivity-oriented tasks

Scope

MPPT will consists of several programs listed below, with each having separate purposes:

Budget Tracker

Budget Tracker will enable users to record their expenses and profits on a daily basic. Users can access to their previous record and they are given an option to analyse their financial record to calculate their ending balance for each month to check whether if they have the budget to make certain purchases. The Budget Tracker may not be able to perform extensive analysis as in-depth financial knowledge is not applied into the program.

Alarm

The built-in alarm program allows users to set multiple alarms. The Alarm will notify the users with a sound when the time and date is met, with the details of the alarm being displayed in a message box. The Alarm may not be able to sound when the users have their volume muted.

Calendar

The calendar program enables users to view the calendar with the option to insert details for events planning. The calendar's user interface may fail to meet users' preferences.

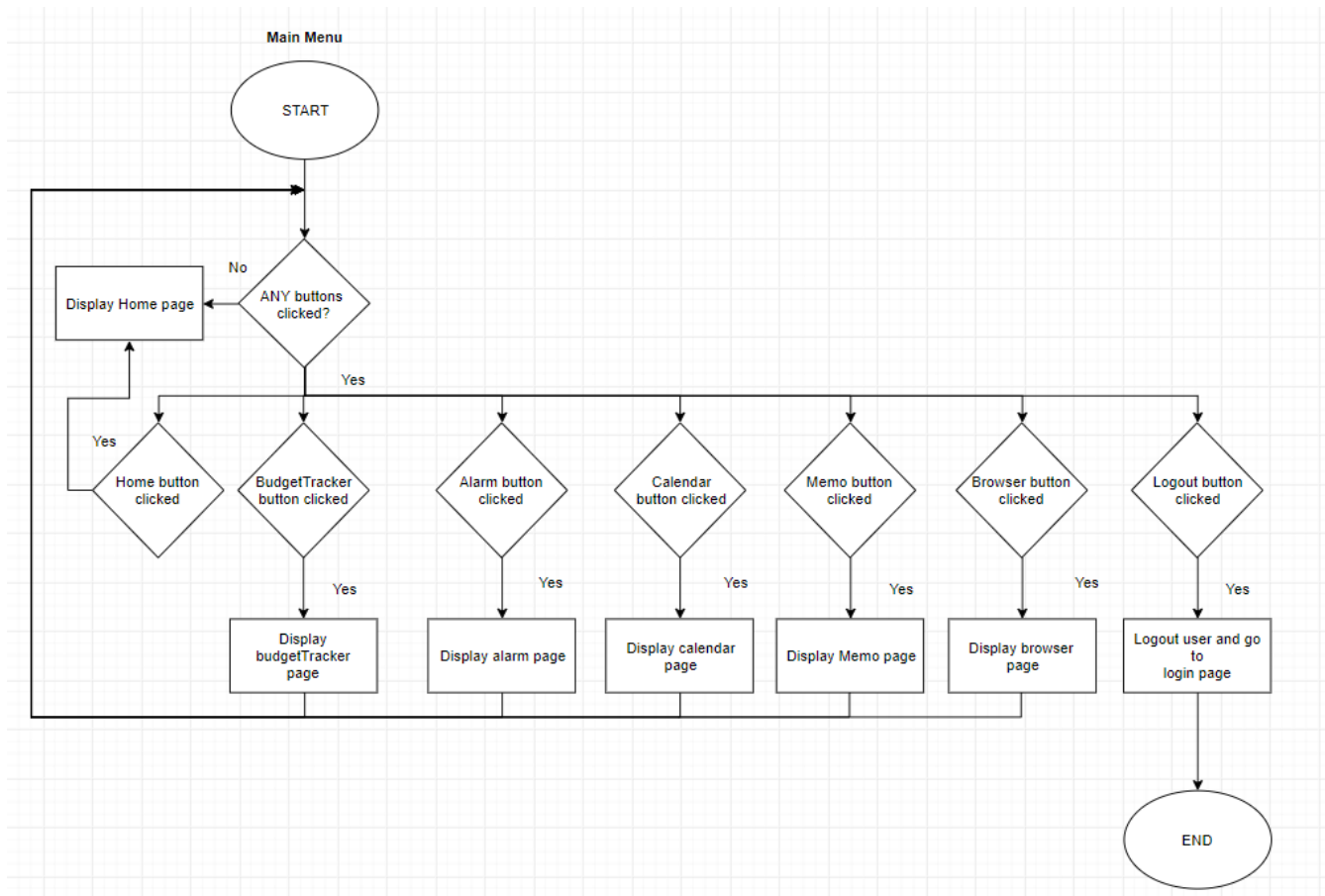
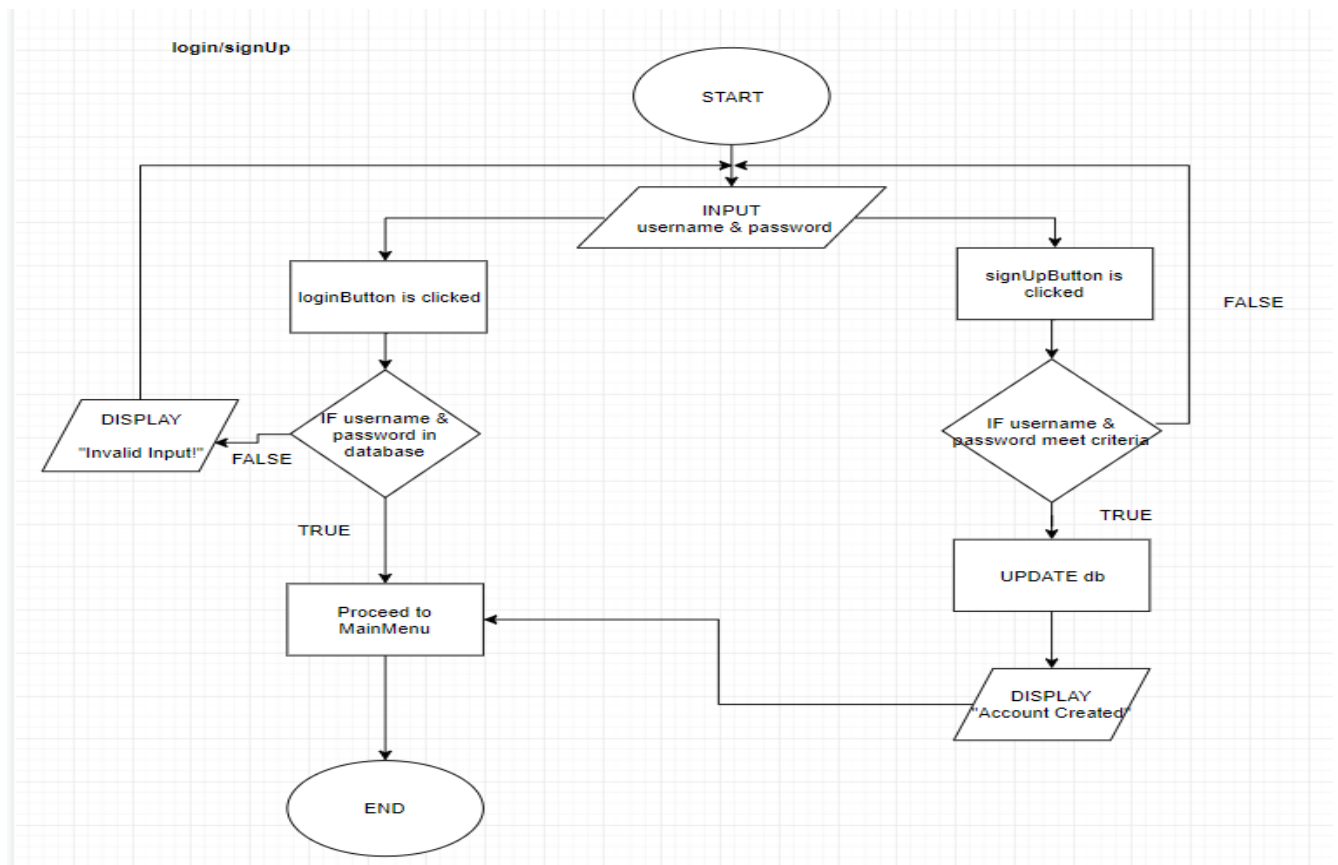
Memo

Users could use this Memo program to electronically jot down notes or messages for themselves. The font style and fonts are fixed so users may find it uninteresting.

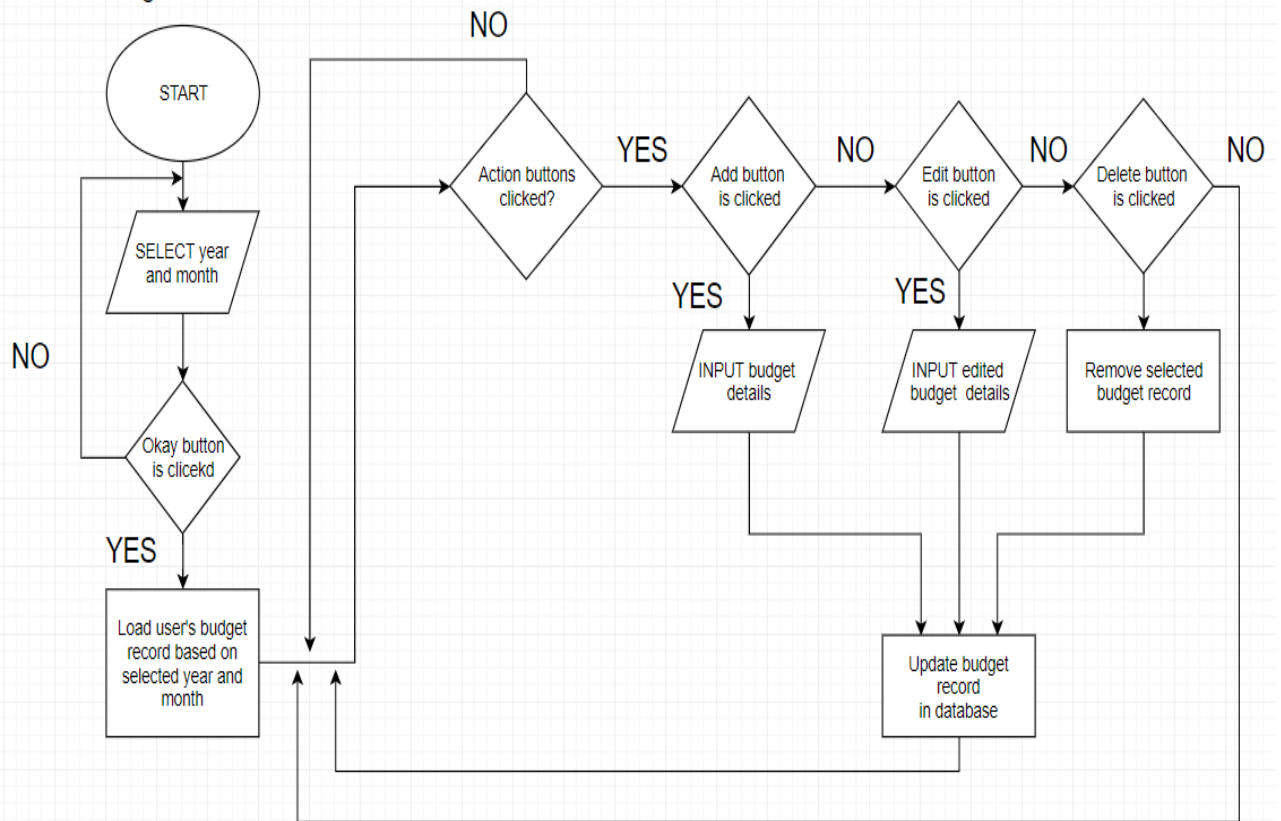
Mini Browser

A built-in browser that has identical functionalities as Google Chrome. Users can quickly surf the web while using the application without the need to open the actual Google Chrome itself. The only downside of this browser would be its dependencies on HTML5 which means it won't load some types of video format available on the internet.

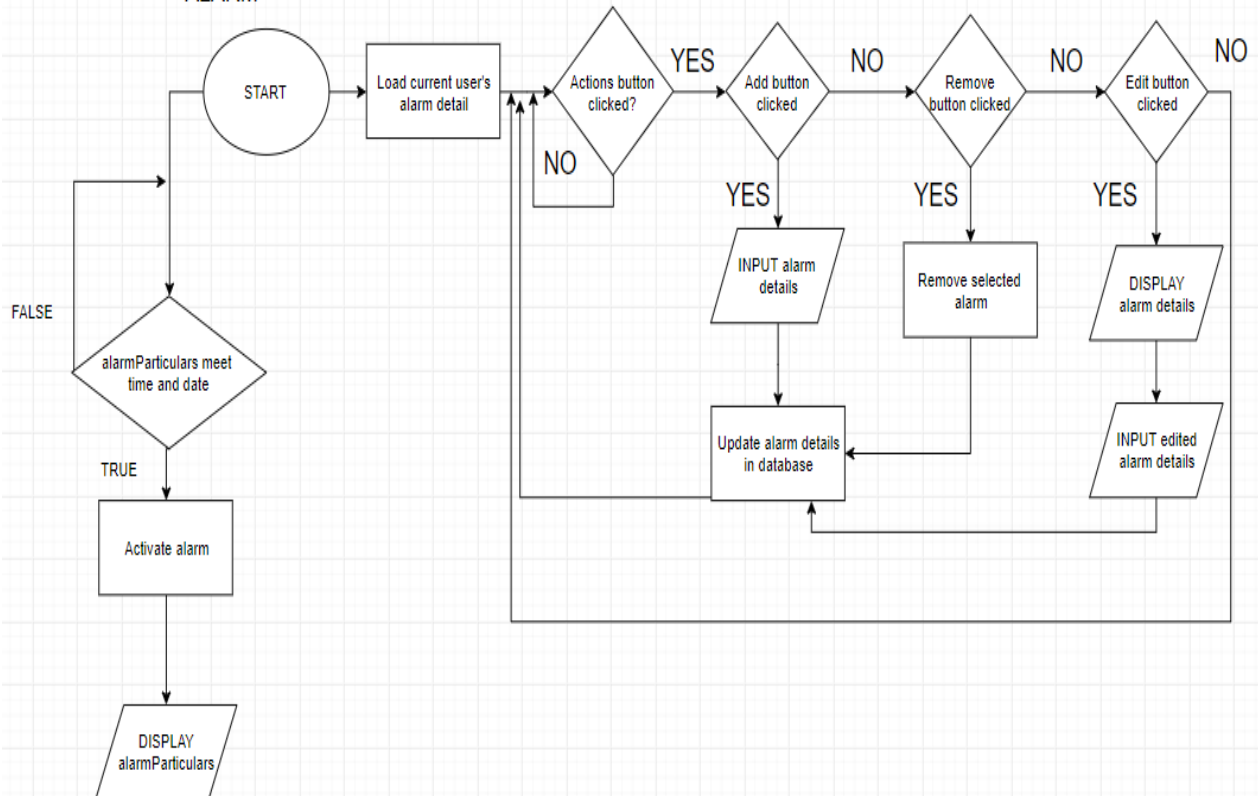
Flowcharts



Budget Tracker



ALARM



MEMO

