ASE HW 4

Requirements

Josh Lohner

Tools:

I used VS Code as my IDE

I made this application targeting IOS

<https://github.com/JoshLohner/ase456individual>

Requirements:

Form with multiple inputs

Inputs need to be flexible

Inputs can be empty

Inputs are DATE, FROM, TO, TASK, TAG

Information needs to be saved in a database

Data needs to be retrievable from the database

Each input needs to be searchable

We need to be able to edit data that was retrieved. (Was not specified, but what if the user typed something in wrong and wants to fix it)

When inputting, see previous used tags

Submit button

As a user, I need to be able to be efficient while using the app

Epic: I want to input multiple types of information at the same time

* I need to have a screen that accepts information
* I need to have a date box that accepts multiple formats
* I need a from box that accepts different time formats
* I need a to box that accepts different time formats
* I need a task box that accepts input
* I need a tag box that accepts input
* Have dropdown that shows previous tags (Make it easier for user to make repetitive tasks)
* I need a submit button that puts it in the database

As a user, I want to be able to use the application as intended, to look back at what I have done

Epic: I want to be able to search through past forms

* Database needs to be accessible
* I need to search by tag
* I need to search by time
* I need to search by task
* I need to be able to change these boxes when I look them up

Plan:

October 29th – Create Flutter/Dart base for the application

November 6th – Have All flutter/Dart Implemented

November 13th – Get Application linked up with firebase

November 20th – Write test cases

November 27th – Beautify/Fix all finals things

Changed Requirements

Tools:

VS Code

Android

<https://github.com/JoshLohner/ase456individual>

Requirements:

Form with multiple inputs

Inputs need to be flexible

Inputs can be empty

Inputs are DATE, FROM, TO, TASK, TAG

Information needs to be saved in a database

Data needs to be retrievable from the database

~~Each input needs to be searchable~~ This is not true, the user only asked for task, tag, and the date to be searchable

~~We need to be able to edit data that was retrieved. (Was not specified, but what if the user typed something in wrong and wants to fix it)~~ Again, not needed for the project, there is some amount of editability though

~~When inputting, see previous used tags~~ Unnecessary, too difficult to implement.

Submit button

As a user, I need to be able to be efficient while using the app

Epic: I want to input multiple types of information at the same time

* I need to have a screen that accepts information
* I need to have a date box that accepts multiple formats
* I need a from box that accepts different time formats (Just needed AM/PM)
* I need a to box that accepts different time formats (Just needed AM/PM)
* I need a task box that accepts input
* I need a tag box that accepts input
* ~~Have dropdown that shows previous tags~~ (Make it easier for user to make repetitive tasks) (Too difficult to implement)
* I need a submit button that puts it in the database

As a user, I want to be able to use the application as intended, to look back at what I have done

Epic: I want to be able to search through past forms

* Database needs to be accessible
* I need to search by tag
* I need to search by ~~time~~ This was supposed to be date, not time
* I need to search by task
* I need to be able to change these boxes when I look them up

Plan:

October 29th – Create Flutter/Dart base for the application

November 6th – Have All flutter/Dart Implemented

November 13th – Get Application linked up with firebase

November 20th – Write test cases

November 27th – Beautify/Fix all finals things

Plan Schedule with Changes:

October 29th – Set up work environment, GitHub, visual studio code

The initial project was changed to be based off the Hive program given to us

November 13th – Understand how Hive/Flutter are integrated with each other

November 20th – Start work on the flutter

(Big gap here to allow for the team project)

December 7th – Finish up basic coding work

December 14th – Try to cleanup/refactor code, finish documentation