

Quarantine Routine App Progress Report

200609 – present

UI/UX: Abe Park

Module1: My Day

My Day

< June 16, 2020 | Tuesday >

Add new task



My Day

< June 16, 2020 | Tuesday >

Coffee



Push-ups and Sit-ups



Finish sketches



Walk dog for 30 min



Learn Swift UI



- Finish a chapter of Stanford Tutorial



- Make a demo 'Profile' module



Call grandma



Buy chocolate milk



Add new task



My Day

< June 16, 2020 | Tuesday >

- Coffee
- Push-ups and Sit-ups
- Finish sketches ★ ▼
- Walk dog for 30 min
- Learn Swift Ui ★ ^
- Finish a chapter of Stanford Tutorial
- Make a demo 'Profile' module
- Call grandma
- Buy chocolate milk
- Add new task

Three categories of tasks: Project(Bag), Routine(Person), MyDay Task(Pin)

User can 'rearrange' the tasks by

- 1) Hover(touching for a period of time) over a task
- 2) Rearrange icon appears
- 3) Drag the desired task over/below other tasks

Functionality:

1. Tasks made in Current Focus, Dashboard-Project and Dashboard-Routine show up in the page.
2. When clicked, the text greys out; the empty box becomes a checked-box. (Boolean)
3. Current Focus tasks **MUST** have a **MARKED** subtask in order to show up in the page.
 - If the CF task does not have a subtask, then it does not show up
 - If the CF task has more than one subtask but none of them marked, then it does not show up in the page.
 - If the CF task has more than one subtask and has at least one marked subtask, then it shows up in the page.
4. The default display order: CF tasks > Routine(Morning > Afternoon > Evening > Anytime) tasks > MyDay Task

My Day

< June 16, 2020 | Tuesday >

- Coffee
- Push-ups and Sit-ups
- Finish sketches ★ ▾
- Walk dog for 30 min
- Learn Swift Ui ★ ▲
- Finish a chapter of Stanford Tutorial
- Make a demo 'Profile' module
- ☎ Call grandma
- ☛ Buy chocolate milk
- ☛ Add new task +

```
class Task {  
    string taskInfo = "i.e. Walk dog for 30 min"  
    bool flag = if done: true, if not done: false  
}  
  
class CF: public Task {  
    int numTask = #####  
    bool MyDayFlag = if shows up in MyDay: true; if not show up:  
false  
    function WordLimit {}  
}  
  
class Routine: public Task {  
    int count = #####(streak count)  
    bool weekday [7] = { 0, 0, 0, 0, 0, 0, 0 }  
        - Sun, Mon, Tues, Weds, Thurs, Fri, Sat  
    - if shows up in MyDay: true; if not show up: false  
}  
  
class MyDay: public Task { no additional functionality }
```



My Day



Current Focus



Dashboard



Profile

Module2: Current Focus

"I want to be a good software engineer"

★ Star your project subtask!

"I want to be a good software engineer"

★ Learn Swift Ui + ▶ ^

Make a demo 'Profile' module

Do the Udemy Tutorial

Finish a chapter of Stanford Tutorial

Finish the reading about the layout

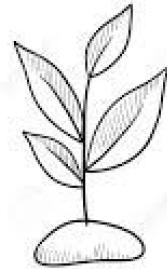
★ Finish sketches + ▶ ^

“ I want to be a good
software engineer ”

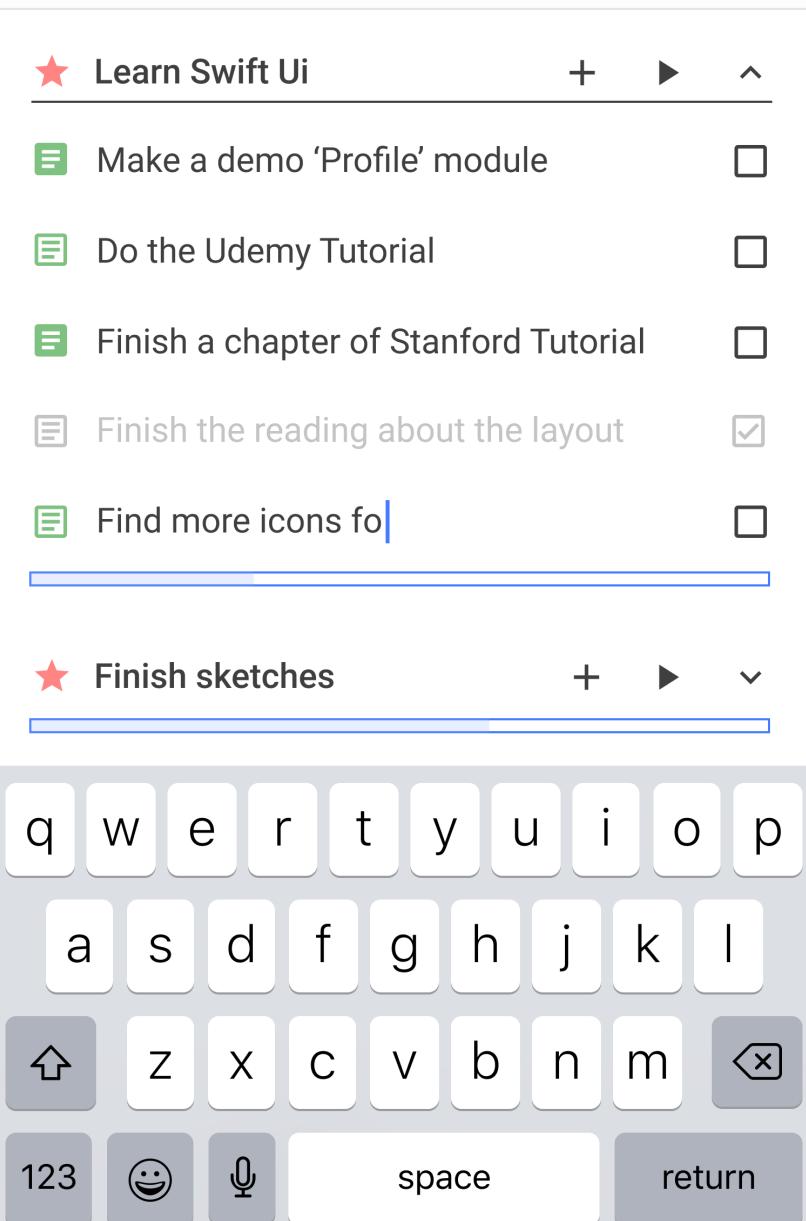
Learn Swift Ui

Finish a chapter of
Stanford Tutorial

00:17



"I want to be a good software engineer"



The Starred subtasks of a Project show up in the page.

+ button: Adds a new subtask

Play button: Opens up a timer page

Arrow button: Opens/closes a list of subtasks

Each subtask has a MyDay Icon; when it is marked(colored), then it shows up in the MyDay page.

Text greys out when it's checked.

Function CalculatePercentage {

 Determines how many subtasks are completed over the total number of tasks

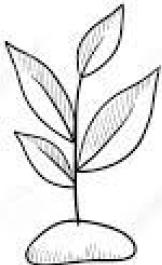
}

“ I want to be a good
software engineer ”

Learn Swift Ui

Finish a chapter of
Stanford Tutorial

00:17



Banner quote displays in the fixed location with the additional quotation marks.

Title of the Current Focus shows up in the fixed location in bold fonts.

Subtasks show up underneath the title.

Stopwatch timer shows up in the fixed location; counts up.

Functionality:

Pause button: Pauses the timer

< > button: displays the next(previous) INCOMPLETE subtask;
different timers for each subtask

i.e. two different timers for subtask1 and subtask2.

Stop button: Stops the timer for all the subtasks; Exits out of the
timer page; Shows statistics (new page) of time usage

Tree grows based on elapsed time. (sum of the elapsed time for all
the subtasks)

Module3.1: Project

Project



June 16, 2020

History

Add new project

June 16, 2020

History

Add new project

3 days left until June 25, 2020

75% Engineering workshop

19 days left until July 11, 2020

33% JavaScript Learning

56 days left until August 17, 2020

50% iOS Project

Project



June 16, 2020

History

Add new project

3 days left until June 25, 2020

75% Engineering workshop

iOS Project

Due: 2020-08-17



★ Finish a chapter of Swift Tutorial



★ Learn Swift Ui



★ Add new task



Project



June 16, 2020

History

Add new project

Project Name

Due: 2020-07-02



★ Add new task



History

April 30, 2020 - May 7, 2020

Comp 15 Final Project

April 29, 2020 - May 1, 2020

Discrete Math Final Exam



Click 'Add new project' button to create Project objects.

Click History button to open a page with previous projects; has created/completed dates.
Swipe left to delete the objects.

Project subtasks == Current Focus objects
ONLY STARRED subtasks go on to the Current Focus module.

Pencil button: change the color of the Project object
Trash button: deletes the object

Project



June 16, 2020

History

Add new project

3 days left until June 25, 2020

75%

Engineering workshop

iOS Project

Due: 2020-08-17



★ Finish a chapter of Swift Tutorial



★ Learn Swift Ui



★ Add new task



Project



June 16, 2020

History

Add new project

3 days left until June 25, 2020

75%

Engineering workshop

iOS Project

Due: 2020-08-17



★ Finish a chapter of Swift Tutorial



★ Learn Swift Ui



★ Add new task



Project



June 16, 2020

History

Add new project

3 days left until June 25, 2020

75%

Engineering workshop

iOS Project

Due: 2020-08-17



★ Finish a chapter of Swift Tutorial



★ Learn Swift Ui



★ Add new task



Delete

Project



Routine

June 16, 2020

History

Add new project

3 days left until June 25, 2020

75% Engineering workshop

19 days left until July 11, 2020

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56 days left until August 17, 2020

50% iOS Project



My Day



Current Focus



Dashboard



Profile

Project



History

June 16, 2020

Add new project

3 days left until June 25, 2020

75% Engineering workshop

iOS Project

Due: 2020-08-17

★ Finish a chapter of Swift Tutorial ★ Learn Swift Ui ★ Add new task 

My Day



Current Focus



Dashboard



Profile

Functionality:

```
function CalculatePercentage {
```

Determines how many subtasks are completed over the total number of subtasks

Returns the percentage number

```
}
```

```
function changeColor {
```

with the pencil button, the user gets to choose and change color

```
}
```

```
function delete {
```

with the trash button, or swipe left, the user deletes the project objects (and subtasks)

```
}
```

```
class Project {
```

string info = "name of the project"

int createdDate, dueDate, today, percentage

string color[] = {"red", "green", ...}

vector<CurrentFocus> subtasks

```
}
```

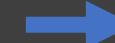
Project Objects



Project Subtasks

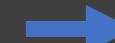


Current Focus
Objects



Puts on MyDay

Current Focus
subtasks



Puts on MyDay

Module3.2: Routine

Routine



Morning

+ ▾

Afternoon

+ ^

Evening

+ ▾

Anytime

+ ▾

Routine



Morning

+ ^

Coffee

3+

Push-ups and sit-ups

3+

Practice drums

5+

Afternoon

+ ▾

Evening

+ ▾

Anytime

+ ▾

Routine



Morning

+ ^

Coffee

3+

Push-ups and sit-ups

3+

Practice drums

5+

Coffee

Created: 2020-05-13



Routine

○ ●

Morning	+ ^
Coffee	3+
Push-ups and sit-ups	3+
Practice drums	5+
Running 3 mil	

Afternoon	+ ^
-----------	-----

Evening	+ ^
---------	-----

A...
q w e r t y u i o p
a s d f g h j k l
↑ z x c v b n m ⌘
123 ☺ ☺ space return

Arrow button: display a list of subtasks
+ button: adds a new routine object

Clicked

The user can

1. Change the name of the routine
2. Selects which day of the week the routine is on
 - The routine objects show up in the MyDay **ONLY if** they are on their selected day.

function addTask {

 Adds a new subtask to the list

}

function delete {

 with swipe left, the user deletes the created subtask.

}

function countStreak {

 Counts how many times the routine has been completed in MyDay

}

Module4: Profile

Profile

User

Abe Park

Life goal

I want to be a good software engineer

Feedback

Email us suggestions about the app.



My Day



Current Focus



Dashboard



Profile