Lifestyle App - Documentation

<u>Overview</u>

Lifestyle is an app that is created mainly for those who like to record their daily lives. It is also suitable for people who like to plan their targets and daily schedules digitally. Lifestyle allows users to write and save diary in their portable devices. Users can go through all the written diaries whenever and wherever they want as long as they have their mobile devices beside them. It also provides a planning feature where users can add events or set reminder in the calendar. Besides, Lifestyle has a section where it allows its users to create their own goals or targets to be accomplished before their respective deadlines. Lifestyle will calculate and generate a chart to show the statistics of the goals accomplished by the users.

The design document provides an overview of the app, its functional requirements, screen designs and its storyboard.

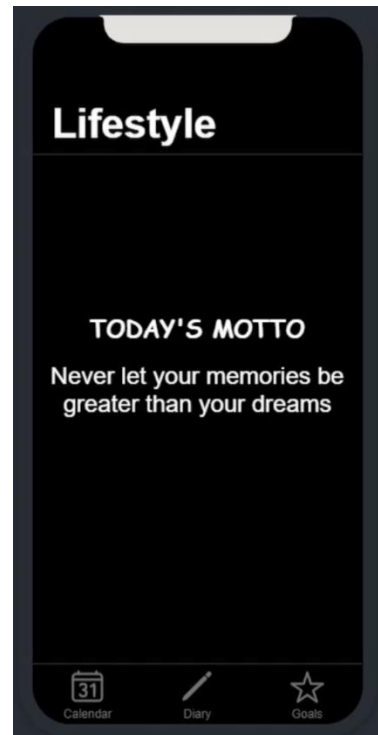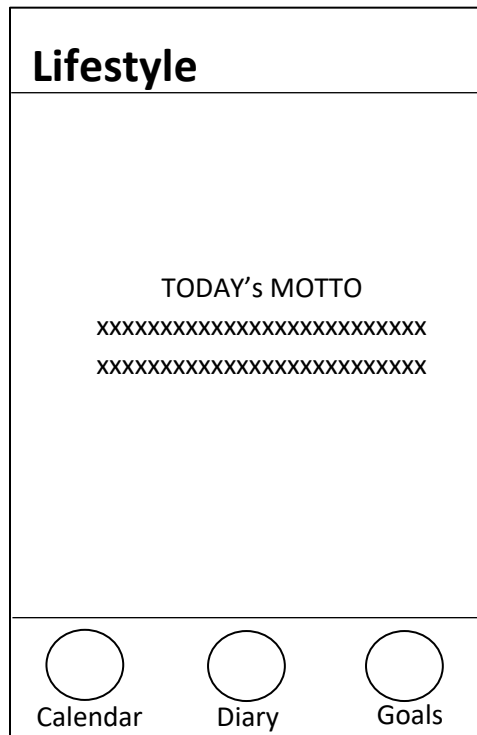| App Name	Lifestyle		
App Icon		**App Splash Screen**	

Page Details

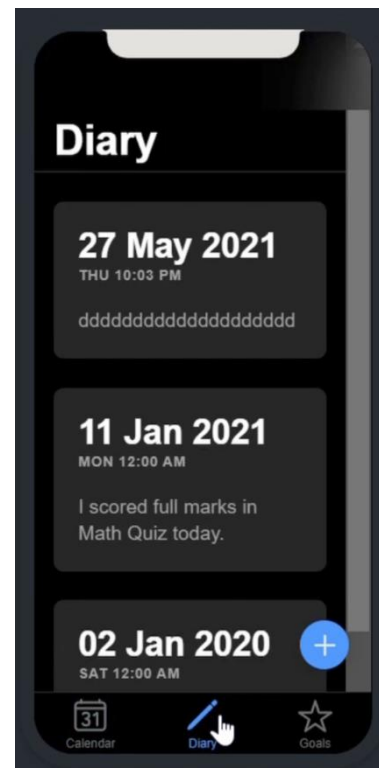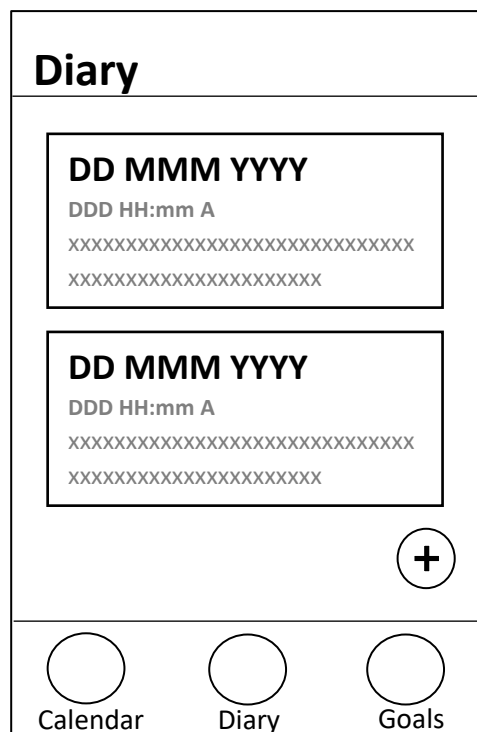|		

Home Page		• Show randomly selected motivation quote on the center of the entire screen.
		• Contain three tabs in a tab bar at the bottom of the screen:
		  a. Calendar: Add events and set reminders
		  b. Diary: Write and save diary
		  c. Goals: Set and complete goals

Diary	**Main Page**	• Show all written diaries (Starts from the latest diary). • Consist of a floating button at the bottom right of the screen that allows user to create a new diary. • Press on the diary card to show its full content.
	New Diary Page	• Allow user to select a date for the diary. The current date will be the default date when a new diary is created. • User can use the mood range slider to rate their mood of the day. • A large empty space below the mood range slider where the diary is written onto. • A map location feature for user to record where the event is taken place or at where the diary is written. In order to pick a location from the map, the user will need to press on the footsteps icon to open a map page. The user can also name the location by typing on the space beside the icon. • User can select images from device and attach them below the diary written. • User saves the diary by pressing on the checkmark button or quit the page without saving anything by pressing on the crossing-mark button.
	Show Diary Page	• Display content of selected diary. • The mood range slider is not editable but the written diary is editable. • "EDIT" button on the bottom left of the screen to activate the edit function of the diary so that user is able to edit the diary. • "SAVE" button to save the edited diary. • User can delete the shown diary by pressing on the "DELETE" button on the bottom right of the screen. • Location's name is shown below the mood range slider. It cannot be edited. • Pressing on the footsteps icon will show the marked location on a map. The information of the location will be shown on a window if the marker is clicked.
Calendar	**Main Page**	• Show calendar. Calendar can be shown in three different modes: Month, Week, Day (Default: Month) • Calendar can be swiped to the left to show next month's calendar or to the right to show previous month's calendar. • Events are shown below the calendar if a date with events is selected. • An alert with event's details is shown on the screen if event is pressed. • Consist of a floating button at the bottom right of the screen that allows user to create new events.

	Event Page	• Allows user to select starting and ending date of the event. • User can choose to activate the reminding function by ticking on the "Reminder" checkbox. • Save event by pressing on the checkmark button or quit the page without saving anything by pressing on the crossing-mark button. • A checkbox for the user to decide whether the event is held for the whole day or not. If the event only occurs for a short period of time, enable the time feature for the user to select time.
Goals	**Main Page**	• Show list of goals created by user. • "GOAL CHART" button to show chart and list of all completed goals. • Press on goal item to show its details. • Slide goal item to left to delete goal. • Slide goal item to right to complete goal. • Consist of a floating button at the bottom right of the screen that allows user to create a new goal.
	Add Goal Page	• Allows user to select deadline for the newly created goal. • Allows user to enter title and detail of goal. • Save goal by pressing on the checkmark button or quit the page without saving anything by pressing on the crossing-mark button.
	Edit Goal Page	• Shows the details of selected goal. • "EDIT" button on the top right of the screen to activate the edit function • "SAVE" button to save the edited goal. • Quit the page by pressing on the back-arrow button.
	Chart Page	• Shows chart of completed and uncompleted goals.. • Shows list of accomplished goals (Starts from latest accomplished goal).
Mapping	**Main Page**	• For New Diary Page, show user's current location. Marker and info window appear when a location is selected. • Press on checkmark button to save location and return to New Diary Page, else, press on crossing-mark button to return without saving anything. • For Show Diary Page, show location saved in the diary with marker pinned onto it. Info window appears when marker is selected. • Return to Show Diary Page by pressing either the checkmark button or the crossing-mark button.

Wireframes & Prototype

Home Page

Lifestyle

TODAY's MOTTO

xxxxxxxxxxxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxxxxxxxxxxx

○ Calendar ○ Diary ○ Goals

Lifestyle

TODAY'S MOTTO

Never let your memories be greater than your dreams

📅 Calendar ✏️ Diary ☆ Goals

Diary Page

Diary

DD MMM YYYY
DDD HH:mm A
xxxxxxxxxxxxxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxxxxx

DD MMM YYYY
DDD HH:mm A
xxxxxxxxxxxxxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxxxxx

⊕

○ Calendar ○ Diary ○ Goals

Diary

27 May 2021
THU 10:03 PM

dddddddddddddddddddd

11 Jan 2021
MON 12:00 AM

I scored full marks in Math Quiz today.

02 Jan 2020
SAT 12:00 AM

⊕

📅 Calendar ✏️ Diary ☆ Goals

Show Diary Page

New Diary Page

Calendar Page

Calendar

| Month | Week | Day |

Calendar

No Events

+

Calendar   Diary   Goals
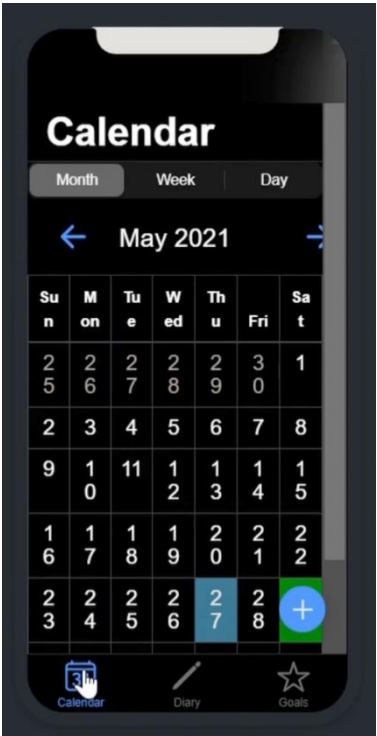
Event Page

✕   **Event**   √

Start Date	Select Date
End Date	Select Date
All Day	☐
Start Time	Select Time
End Time	Select Time

Event
Event Title

Description
Tell us more about this event.

Reminder   ☐
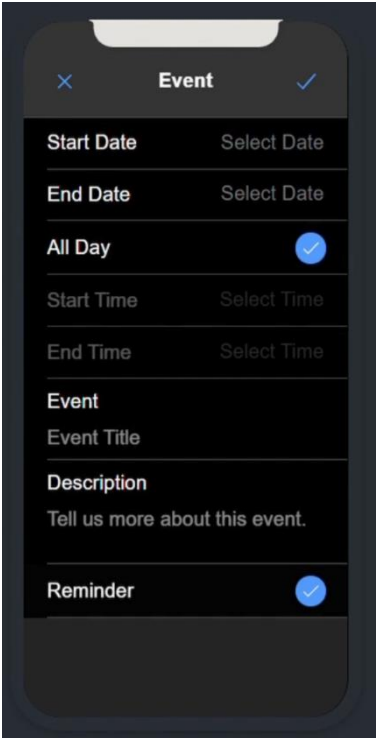
Goal Page

Goal

GOAL CHART

Before DD MMM YYYY
Goal Title 1

Before DD MMM YYYY
Goal Title 2

Before DD MMM YYYY
Goal Title 3

(+)

Calendar   Diary   Goals

Goal

GOAL CHART

Before 07 May
Int App Dev Workshop 8

Before 07 Jun
Catch Up Lectures

(+)

Calendar   Diary   Goals
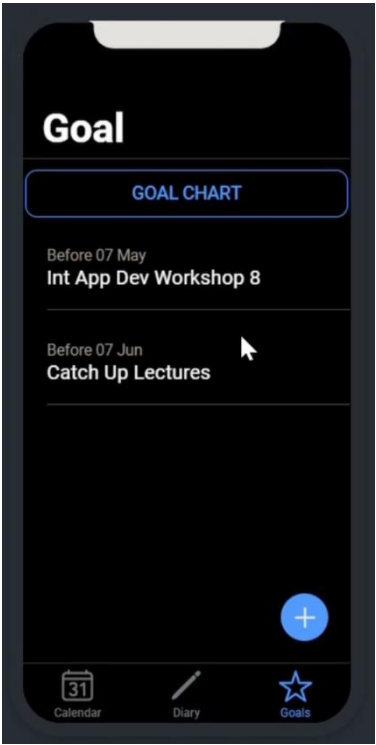
Add Goal Page

✕   **New Goal**   √

Deadline	Select Date

Title
What's your goal?

Description
Tell us more about your goal.

✕   **New Goal**   ✓

Deadline	Select Date

Title
What's your goal?

Description
Tell us more about your goal.
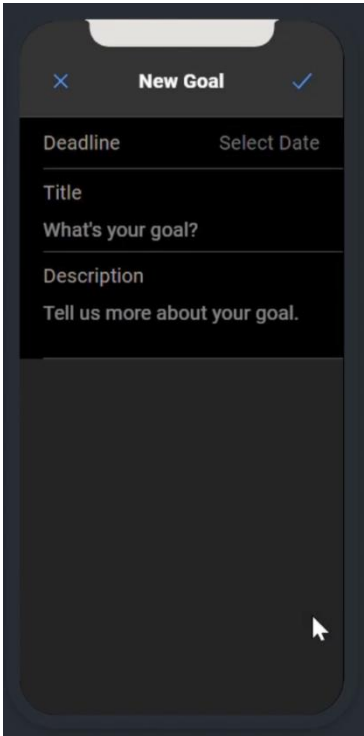
Edit Goal Page

Your Goal EDIT

Deadline	DD MMM YYYY

Title
xxxxxxxxxxxxxxxx

Description
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxxxxxxxxx

Your Goal EDIT

Deadline	07 Jun 2021

Title
Catch Up Lectures

Description
Study and revise lecture slides before finals.
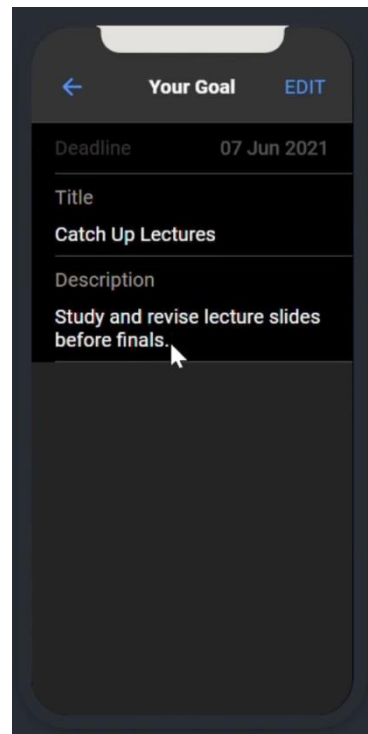
Chart Page

Goal Chart

CHART

Goal Title
Accomplished Date: DD MMM YYYY
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxxxxxxx

Goal Chart

Completed   Uncompleted

Int App Dev Assignment
Accomplished Date: 27 May 2021

Complete and submit before 30 April 2021.
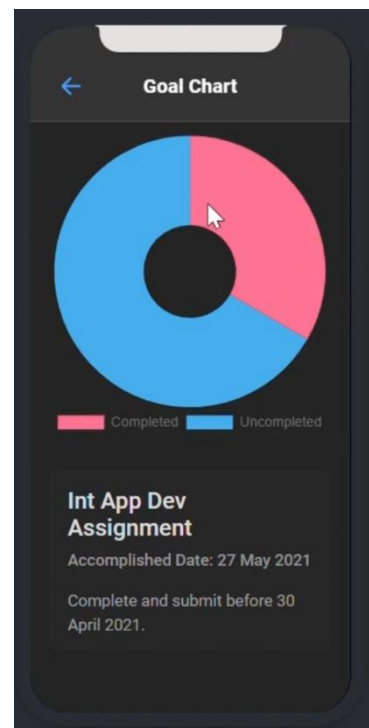
Mapping Page
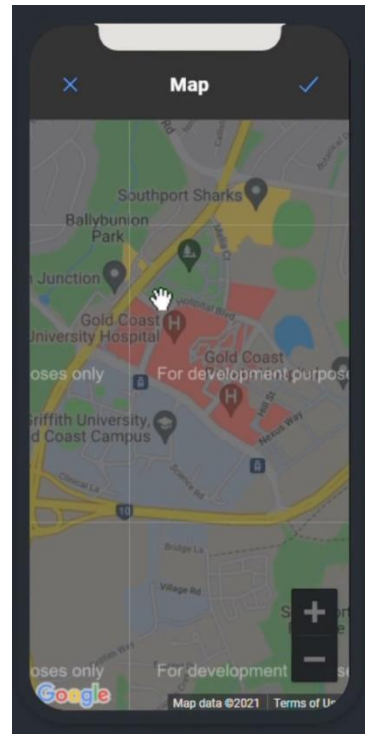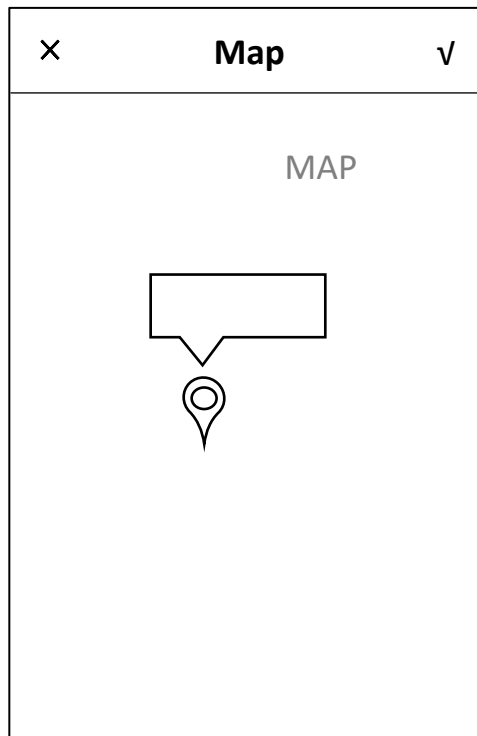
Screen Flow
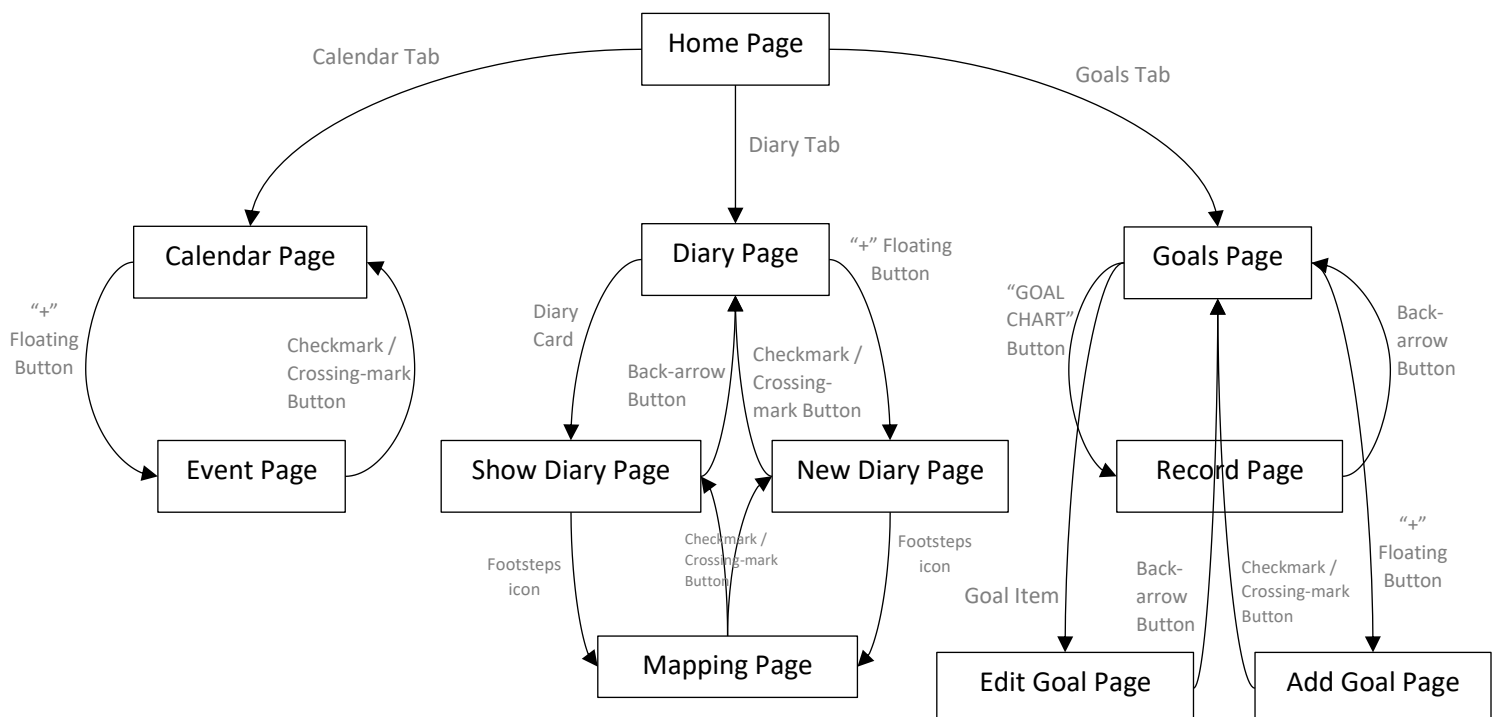
Implementation Details

Special Features

1. **Calendar**

   The calendar is created with the implementation of 'ionic2-calendar'. User can choose to view the calendar either monthly, weekly or daily. It also allows user to add reminders or events in the calendar. These events are saved and displayed in the calendar according to their dates and time. The details of the event will be shown in a small window when it is selected by the user. User is also given the option to delete the event selected in the info window.

2. **Map**

   The map is displayed in two forms, depending on the pages that are used to open it. There are two pages that use the map feature, the New Diary Page and the Show Diary Page. Both these pages will be using the feature in different ways.

   For New Diary Page, since the location is not initialized, the program will automatically detect user's current position and display the location on the map. To pick a location for the new diary, the user selects a point on the map and a marker will then appear on the point selected along with the information of the location selected, such as its coordinates or its address. Every time a location is selected, its coordinates is automatically saved. However, only the final coordinates will be returned and saved into the database once the checkmark button is pressed.

   On the other hand, for Show Diary Page, when a map is displayed, it shows only the saved location with a marker pinned onto it. It also shows an info window with the location's name written in it when the marker is clicked. But, for this map, the location cannot be changed.