Resources:

1. [Free Figma Tutorial: Designing Wireframes with Figma](https://www.youtube.com/watch?v=6t_dYhXyYjI) (Figma Wireframe Tutorial)
2. Calendar Tutorial [Figma : UI Design : Calendar](https://www.youtube.com/watch?v=bXGmntr3AMU)
3. How to have Overlay [Figma Sidebar/Modal Animation | Figma Overlay Prototype](https://www.youtube.com/watch?v=gdO0Fs2RsRg) & [Figma Tutorial Overlay](https://www.youtube.com/watch?v=tyUIvi1IBls)
4. How to have vertical and horizontal scrollable list [Horizontal & Vertical Scrolling | Figma Tutorial](https://www.youtube.com/watch?v=wIPo7vxxchY)
5. Figma dropdown menu tutorial [Figma Dropdown Menu Tutorial | Prototype](https://www.youtube.com/watch?v=e3K5ux4hOao)
6. Quantity counter <https://www.youtube.com/watch?v=sU4itRTt0s0>
7. Slider Animation <https://www.youtube.com/watch?v=Y1Qu5h6w7CU>
8. Search animation bar https://www.youtube.com/watch?v=yBarT7wG2qQ

15/3/22 Go through Figma Tutorial

16/3/22 Survey how to design calendar & start putting the navigation bar icon

17/3/22 Start designing, choosing color for the wording, suitable font size, font, designing calendar

18/3/22 Adding plant photo to the list, select the watering and fertilizer icon, suitable design for the plant's name, opacity of the plant name, design the click button for watering and fertilizer, background colour of the list. Done for page.

19/3/22 - No progress

20/3/22 - Completed calendar creation; completed calendar whole page, which includes postpone watering/fertilizer, create link from today task page to postpone watering and calendar overlay; learnt how to setup overlay, how to link from a page to an overlay, adjust the size of the date and also eclipse to make it look slightly bigger

21/3/22 - Started designing Plants page. Know how to make the list to have vertical scrollable (tick clip content so that the list when scroll wont overlap with the word on top). Add in a few plants pictures.

22/3/22 - Added the watering date and fertilizer date at Android Large 2, but due to don't want to waste time to figure out how to brake the frame, I can only put the watering date and fertilizer date until pink lady only. Besides, created Android Large 3. This page is the same as Android Large 2, just that when user clicks the sort button, it will sort differently. 1 is by column based, another one is by row based. Done designing for Android Large 3, left for the frame selection task.

23/3/22 - Completed the list of plants, set it to frame, drag the frame above the navigation bar, tick the clip content checkbox, put the vertical scrollbar besides. Create link when user click the filter button in Android 2, it will go to Android 3, when user click the filter button in Android 3, it will go to Android 2.

24/3/22 - Started a new page Android Large 3. Added archive, trash and copy icon. Designed the background for the plant and put change photo caption below the photo.

25/3/22 – Added icon for every title, learning on how to create dropdown.

26/3/22- No progress

27/3/22 – Dropdown design completed. Counter has some problem need to fix. Also, when the dropdown is selected, if user click on the last option, it will make the counter quantity hang because the dropdown list and the quantity counter are overlapping.

28/3/22 – Still cannot solve the counter problem. Slow progress due to work in office today.

29/3/22 – No progress

30/3/22 – Did wrong on the counter again. Try again tomorrow.

31/3/22 – Completed counter. Now the quantity can be increased or decreased when clicking on the plus and minus sign.

1/4/22 – Completed Reminder (water & fertilizer), added growth tracker. Make it as vertical scrollable.

2/4/22 – Started water reminder page. Found the slider youtube video which is useful for the frequency slider.

3/4/22 – Created the slider for frequency. Link the reminder water to Edit Water Reminder overlay. Dropdown list for Time is in progress.

4/4/22 – Completed the dropdown, but with flaws. Variant cannot link to Group causing the dropdown still interrupting other features below the dropdown.

5/4/22 – Switched the position of the features. Time will be the last features in the page. Doing on the input text for Cycle.

6/4/22 – Great progress today! Keep it up! Decided not to explore on the input text. Currently input text isn’t able to type any text. Today done the Edit Fertilizer Reminder overlay, put the save button at the Edit Water Reminder & Edit Fertilizer Reminder overlay. Started Edit Growth Tracker page with the icon and text. Successfully linked whatever we have to other page. Basically what we have is linkable now. Besides, the back button is added at the Android Large – 4 because user will need to have the back button to go back to the previous page.

7/4/22 – No progress as having ADP meeting until 10.30pm.

8/4/22 – Enlarge the space to type the note, put a button for choose photo. Still thinking how to design the date.

9/4/22 – Created the Growth tracker page. Added the edit growth tracker and add growth tracker overlay. Also added the add photo overlay to growth tracker. Linked the overlay to Android Large 5.

10/4/22 – Search bar animation is in progress.

11/4/22 – Completed search bar animation. Changed the layout by getting rid of the Add plant header because feel like it is unnecessary to have this header. Added the plant type.

12/4/22 – Added photo of the plant in Android Page 6.

13/4/22 – Rest

14/4/22 – Added the rest of the plant in Android Large 6. Added a plus sign at each of the plant, group all of the plant, frame selection, tick clip content, at prototype select vertical scrolling.

15/4/22 – Removed the overlay Add to Growth Tracker when back button is clicked in the Add the Growth Tracker. Solution is close overlay. Started Android Large 7.

16/4/22 – Added + sign for every plants in the search results. Make a group selection and frame selection. Done on the Add Plant screen, Add Water Schedule, Add Fertilizer schedule and also Add Growth Tracker.

17/4/22 – Rest.

18/4/22 – Linked all the page created on 16/4/22 together. Created Android Large 11. This page is to allow user to edit the plant they want to add. When they click save button, it will prompt “Plant saved”. Leftover growth tracker, water and fertilizer reminder for android large 11.

19/4/22 – Created Android Large 14 & 5 is to bring user to Indoor Category. Besides, added water schedule, fertilizer schedule and water tracker for hibiscus plant.

20/4/22 – Rest

21/4/22 – Started Explore pages. Thinking on what UI is suitable.

22/4/22 – Rest

23/4/22 – Edited the Explore page UI. Created Android Page 17 by adding the categories,

Putting the pictures for each categories, added popular section also.

24/4/22 – Very good progress today! Completed Popular page, Indoor plant page, and also the specific plant page.

25/4/22 – Created a few similar pages for garden, outdoor plant, vegetables, fruits, all plants. Completed linking current available pages to explore page.

26/4/22 – Added archive pages and link the archive pages with the unarchive and delete pages. Also, added the search results for explore page.

27/4/22 – Rest

28/4/22 – Rest

29/4/22 – Created Settings and Favorite page.

30/4/22 – Working on radio button but failed.

1/5/22 – Completed the app today. Created the About page. Added the toggle button for notifications. Solved the radio button problem yesterday.

Graphical user interface, application

Description automatically generated

How to create counter:

1. Create a frame, called Counter.
2. Add plus and minus sign.
3. Add a number, for example 0 outside of the frame.
4. Right click the number, choose add as auto layout.
5. Now, you can copy the number, and paste it several times. You will see the number appear at bottom of the number 0.
6. After that, move the number inside the counter frame. Ensure the number (Frame 9) is inside the counter frame. Align the number with the icon.
7. Turn on clip content at the right hand side.

Timeline

Description automatically generated with medium confidence

How to create a dropdown list?

1. Create a frame.
2. Add 2 rectangle, and a dropdown arrow.
3. Starting putting the dropdown content by adding text.
4. Then, select everything in the frame, click Create Component.
5. Go to the right hand side, click Variants. It will create another copy of what you have.
6. Enlarge the dotted purple Component 2 box.
7. Under default, select all the text from the dropdown, including the rectangle, and click group selection.
8. Do the same for the one with dropdown arrow. Select the text, rectangle and dropdown arrow and click group selection.
9. Repeat step 7 and 8 on the newly created variant 2.
10. Make Group 19 as invisible by clicking on the eye button beside the Group name.
11. Create a copy of Variant 2 by holding alt and drag the variant. Variant 3 is created.
12. Under the Variant 3, make Group 21 as invisible.
13. Change the text under Group 22 from 08:00 to 09:00.
14. Change the background colour of the rectangle 50 to the colour you want.
15. Create a copy of Variant 3. Variant 4 is created.
16. Repeat step 15 for the rest until every text in the dropdown has a variant.
17. Remember to change the time.
18. Change the Back button under Group 22 to “^” position.
19. Now click Prototype button.
20. Click on the + sign besides 09:00. Link it to Variant 3.
21. Put the Animation as Smart Animate.
22. Repeat step 20 for the rest of the variant.
23. After step 22 completed, link back respective variant back to Variant 2. For example, link back Variant 3 to Variant 2, link back Variant 4 to Variant 2.
24. Link back Group 22 from Variant 2 to Default.
25. Link Group 20 in Default to Variant 2 too so that when Group 20 is clicked, Variant 2 can be opened (The reason link Group 20 to Variant 2 instead of linking Default to Variant is because we want to avoid when user click on the dropdown list, it will interrupt on other features in the same page. Link only Group 20 can solve this problem because the dropdown only will open when user clicks on the Group 20.) \*\* Only solved for 08:00 as Group can link to Variant, but Variant can only link to Variant.

Diagram

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Description automatically generatedDiagram

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25/3/2022 27/3/22 1/4/22 2/4/22

A screenshot of a cell phone

Description automatically generated with medium confidenceTimeline

Description automatically generated with low confidenceA picture containing timeline

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3/4/22 4/4/22 5/4/22

A picture containing text, device, screenshot

Description automatically generatedTimeline

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6/4/22 8/4/22

Graphical user interface, application

Description automatically generated

9/4/22

Chart, bar chart

Description automatically generated Chart, bar chart

Description automatically generatedApplication, timeline

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10/4/22 11/4/22 12/4/22

A picture containing timeline

Description automatically generated Timeline

Description automatically generatedGraphical user interface, application

Description automatically generated with medium confidence

14/4/22 15/4/22 18/4/22

A screenshot of a computer

Description automatically generated with medium confidence

16/4/22

A screenshot of a computer

Description automatically generated with low confidence A picture containing chart

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19/4/22

Background pattern

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21/4/22 23/4/22

Graphical user interface, application, calendar

Description automatically generated

24/4/22

Calendar

Description automatically generated

25/4/22

Graphical user interface, application

Description automatically generated

26/4/22

A picture containing graphical user interface

Description automatically generated

26/4/22

Graphical user interface, chart

Description automatically generated with medium confidence

01/05/22

Flutter

1. Download the zip file at <https://docs.flutter.dev/get-started/install/windows> (download for windows version).
2. After downloading the file, unzip the flutter file and place the file at c:\ (avoid to put the zip file at c:\program files. So I put the zip file at c:\flutter.
3. At the Start, type env.
4. Click on Edit System Environment Variables.
5. Click on the button Environment Variables.
6. Check for the Path at the User variables for This.
7. Edit the path by adding C:\flutter\bin.

Graphical user interface, application

Description automatically generated

1. Click OK, OK, OK.
2. Go to command prompt.
3. Type cd c:\flutter.
4. Then type flutter doctor.
5. It will check for your environment and all the software you have to install.

Text

Description automatically generated

1. Resolved all the issues.

Text

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