

FIT 2101

# Software Engineering Process and Management

Presented by Group A4

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Members:

Arvind Chandran

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# Member Introduction

Jacky Foo  
Responsibility: Product  
Owner



Kuan Wai Shuet  
Responsibility: Scrum  
Master



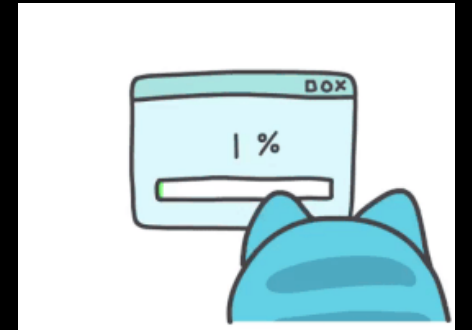
Jordan Poon  
Responsibility: Development  
member



Hou Ruiqian  
Responsibility :  
Development member



Arvind Chandran  
Responsibility:  
Development member



Joshua Ee Xian Zhen  
Responsibility :  
Development member



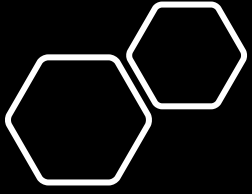
# Introduction



- This presentation will be presented based on user interfaces
- Each user interface will have multiple user stories
- Meantime, we will present our actual product too
- To show the interaction with the actual web page



\*definitely\*



# Login-Register Page



## User Stories included:

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- As a superuser, I want users to sign up so that I can keep track of the details of those who are using the application which includes phone number and email address.
- As a superuser, I want users to login first before they are allowed to use the application so that not everyone can access the application.
- As a user, I want to reset my password so that I can still access my account after forgetting my password.



\*The Developers\*

\*The Customer\*



# Login Page

## New here ?

Sign up to access our services. What are you waiting for? It's free!

SIGN UP



## Sign in

✉ Email

🔒 Password

LOGIN

FORGOT PASSWORD

# Register Page

## Sign up



Username



Email



Password



Phone Number

SIGN UP

## One of us ?

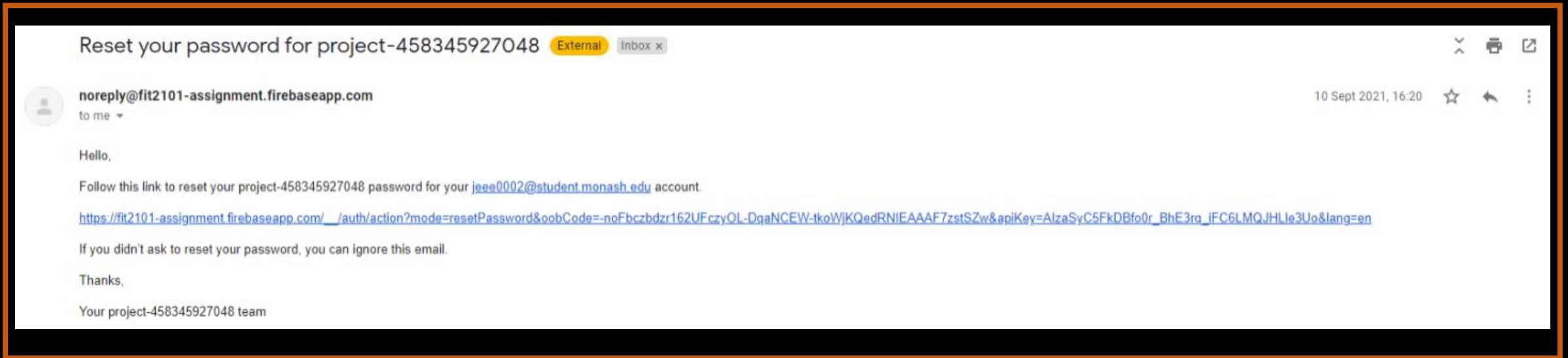
Welcome back. Are you ready to tap into a world of information once more? I am!

SIGN IN



# Example when user reset password

- Reset link will only be sent to a registered email that exists in the database.
- User will be redirected to a page to input their new desired password.
- Upon resetting their password, the database will be updated.
- User must sign in with the updated password for their account.





# Main Page



## User Stories included:

As a user, I want to see number of COVID-19 cases so that I can quickly get updated on the current pandemic situation

### GLOBAL OVERVIEW

Total confirmed cases

**238761035**

Total recovered cases

**215938873**

Total deaths

**4869694**



## User Stories included:

As a user, I want to see number of COVID-19 recovered cases so that I can quickly get updated on the current pandemic situation

### TOTAL COVID-19 CASES (MALAYSIA)

Total confirmed cases

**2339594**

Total recovered cases

**2195669**

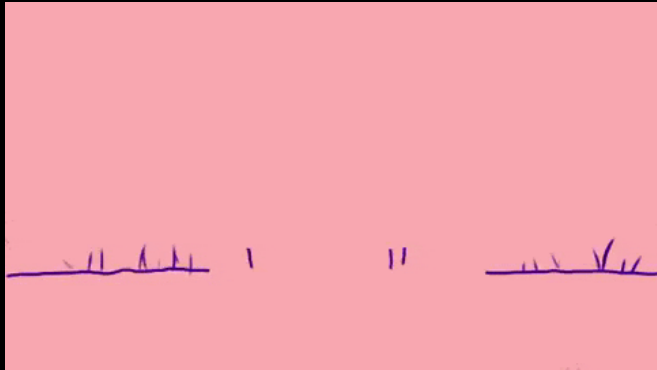
Total deaths

**27329**



## User Stories included:

As a user, I want to see number of COVID-19 deaths so that I can quickly get updated on the current pandemic situation.



### DAILY COVID-19 CASES (MALAYSIA)

New cases

**7373**

Recovered cases

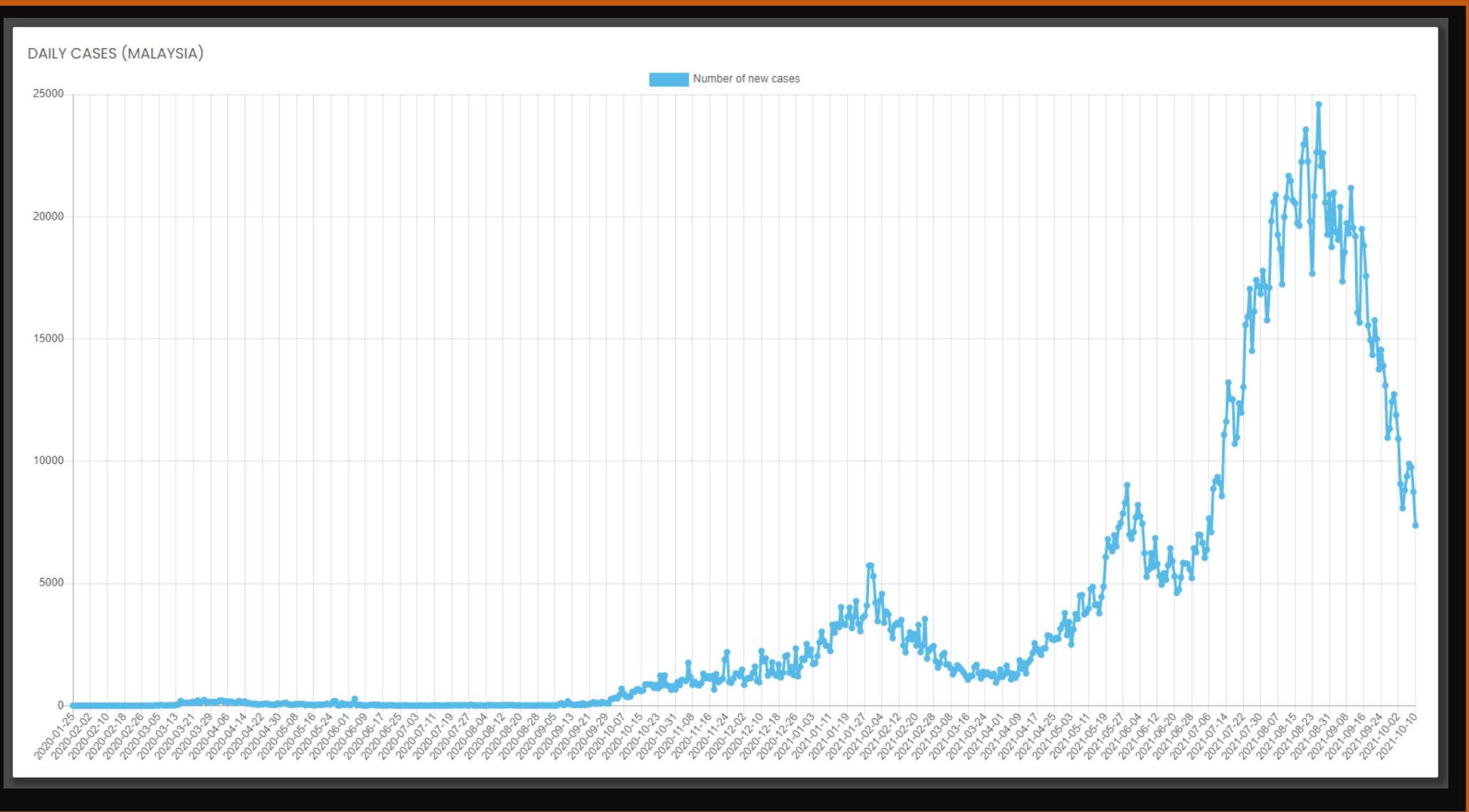
**10959**

Deaths

**64**

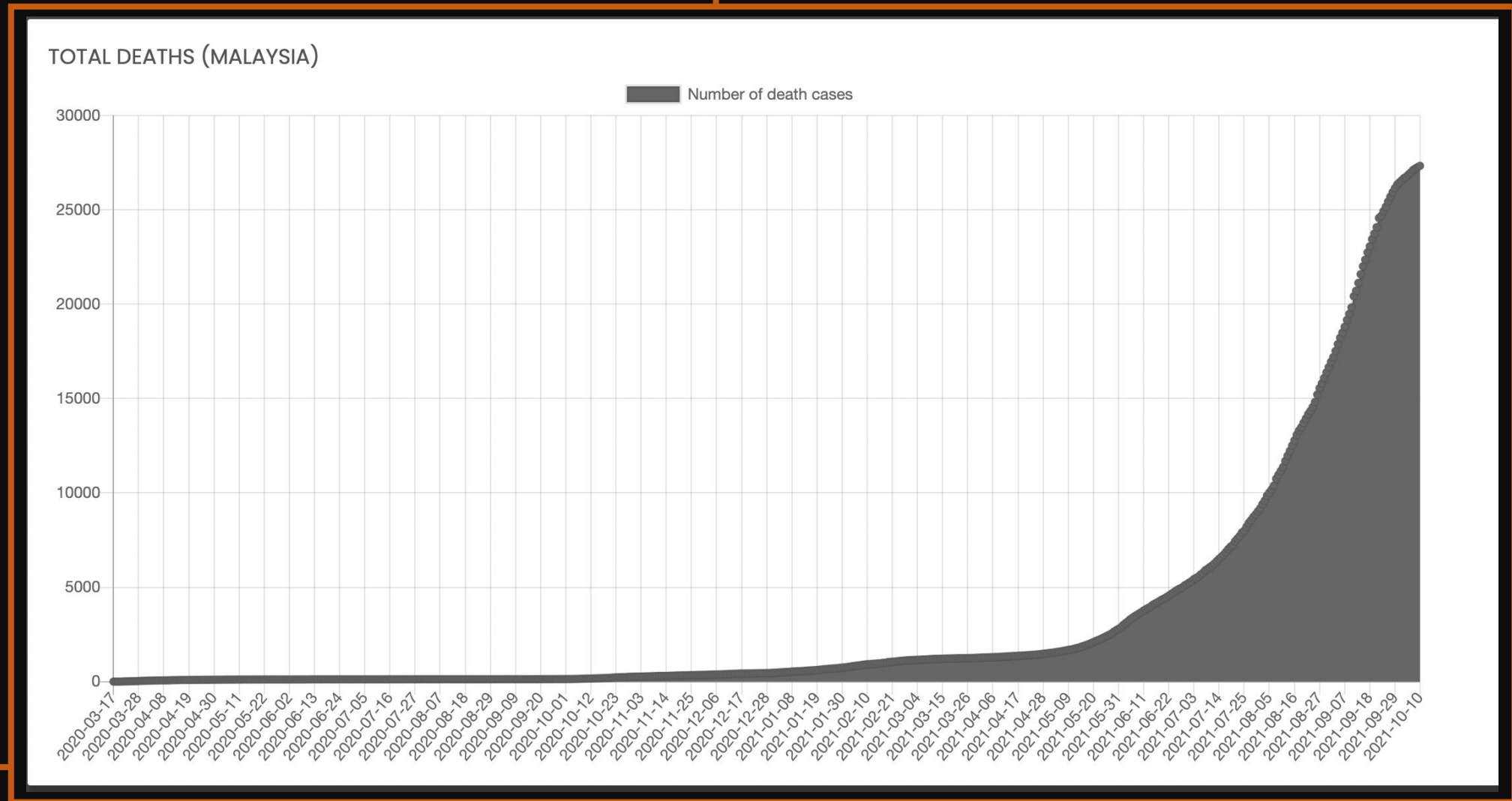
# User Stories included:

- As a user, I want to see a widget that shows a graph of daily cases of Covid-19 in Malaysia so that I would have a better visualisation of the Covid-19 confirmed cases trend.



# User Stories included:

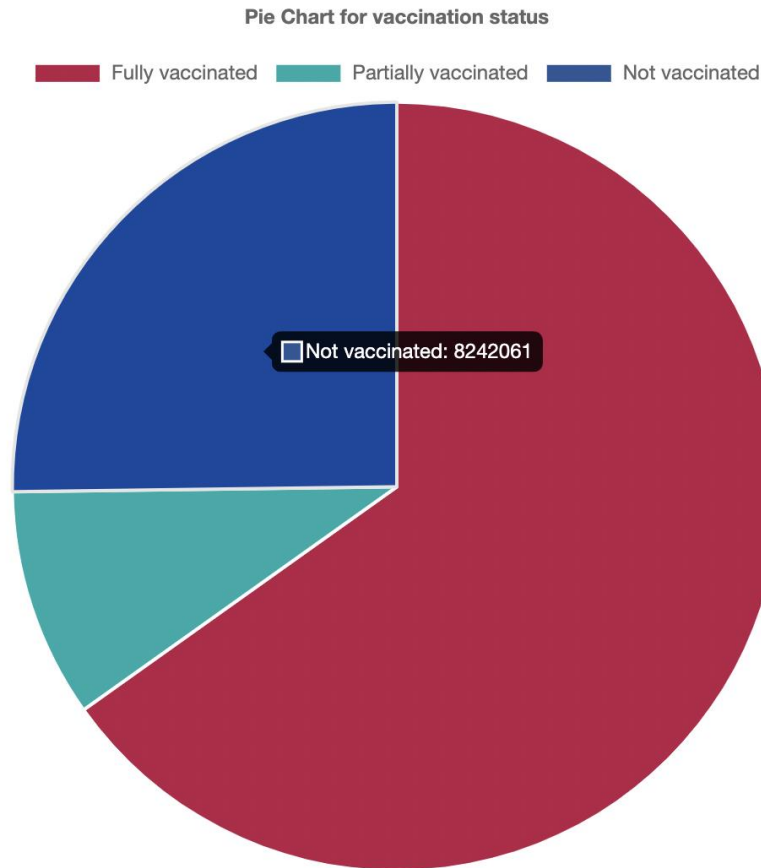
As a user, I want to see a widget containing a graph of the total death cases caused by COVID-19 in Malaysia so I will know the amount of deaths currently in the country that were caused by this pandemic



## User Stories included:

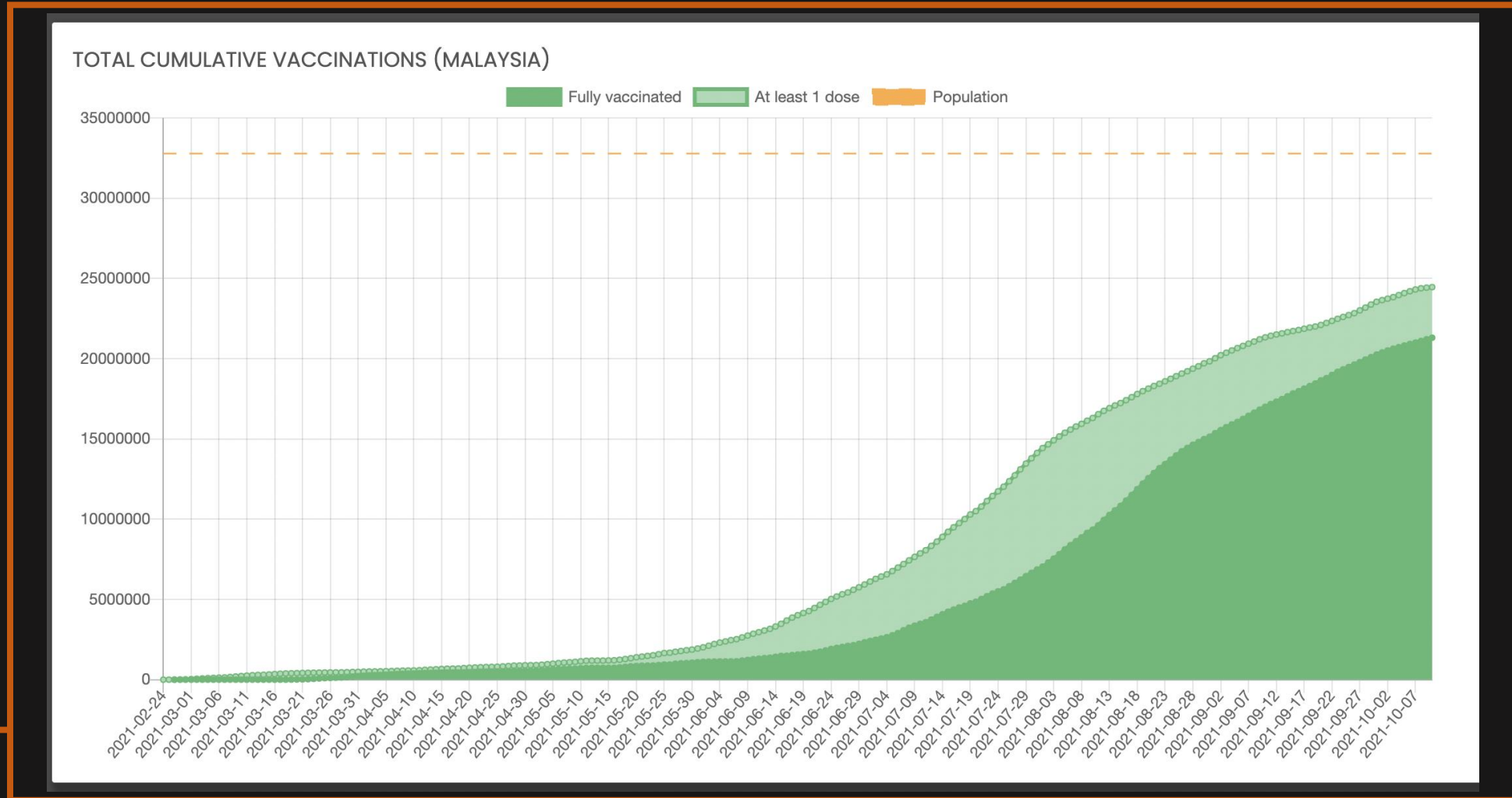
As a user, I want to see a widget containing a pie chart of the vaccination status in Malaysia so that I can easily have an idea on how many percent of people are fully vaccinated, partially vaccinated etc, with just a simple glance.

VACCINATION STATUS (MALAYSIA)



## User Stories included:

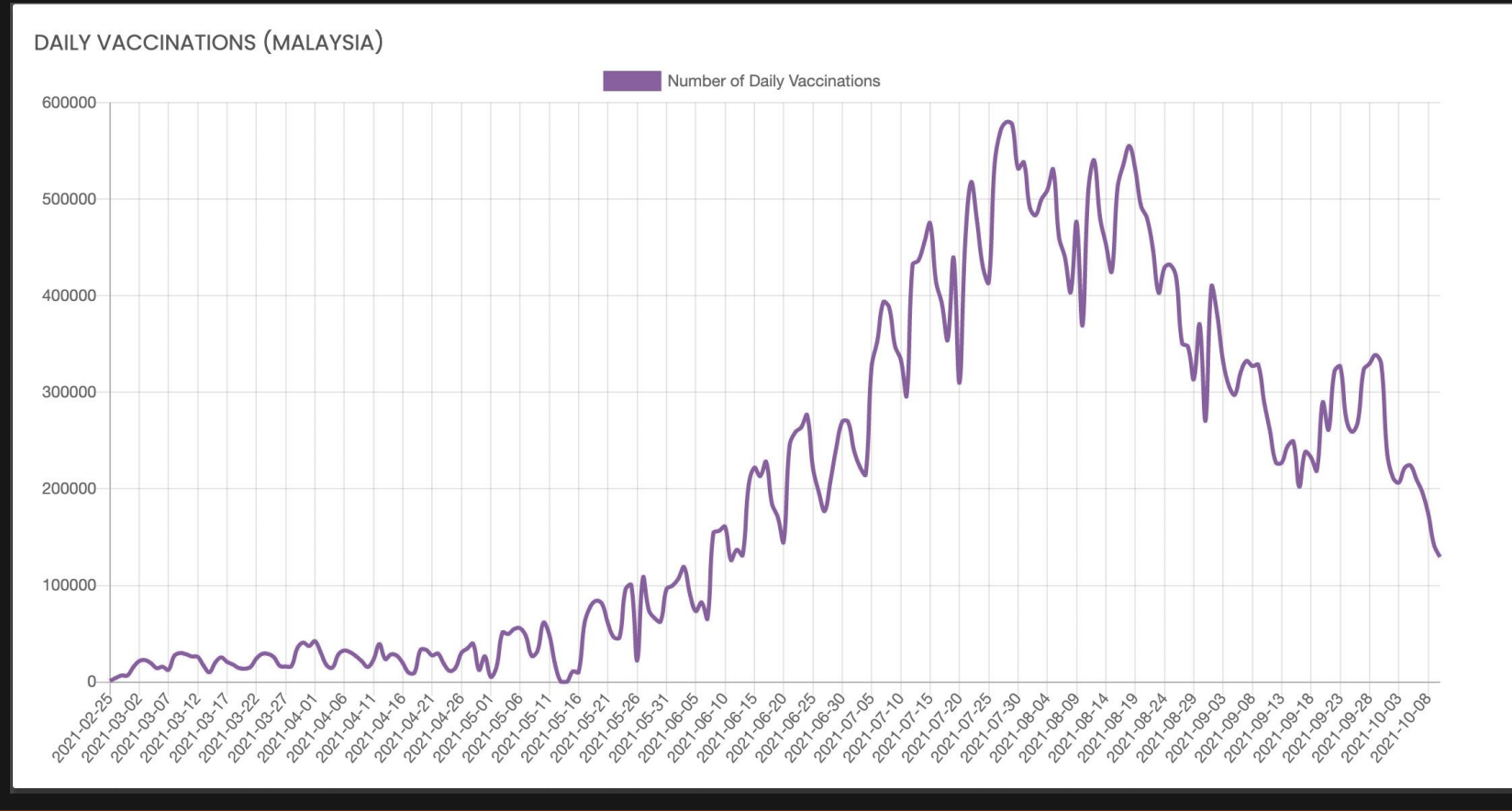
As a user, I want to see a widget that displays a triple line graph which shows the total population and the number of cumulative vaccinations for at least one dose and fully vaccinated so that I can know how many people are left to be vaccinated.



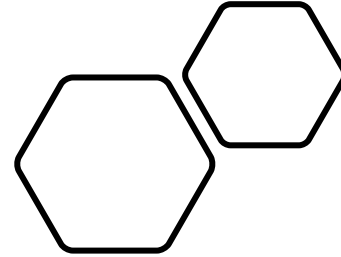


## User Stories included:

As a user, I want to see a widget on the dashboard which displays a line graph showing the number of daily vaccinations in Malaysia so that I can see the vaccination trend in Malaysia.



# Admin Page



## User Stories included:

As a superuser, I want to view a table containing the username of everyone who uses the app in a separate page so that I can identify those who have used the app.

As a superuser, I want to view a table containing the phone number of everyone who uses the app in a separate page so that I can have the contact information of those who have used the app.

As a superuser, I want to view a table containing the email address of everyone who uses the app in a separate page so that I can have the contact information of those who have used the app.

As a superuser, I want to view a table containing the number of times that a user has logged into the app in a separate page.

As a superuser, I want to view a table containing the last login date of each user who has logged into the app in a separate page so that I can know when the last time a user has logged into the app.

*\*Development members when they reach at this point\**



# Admin Page



DASHBOARD



Analytics

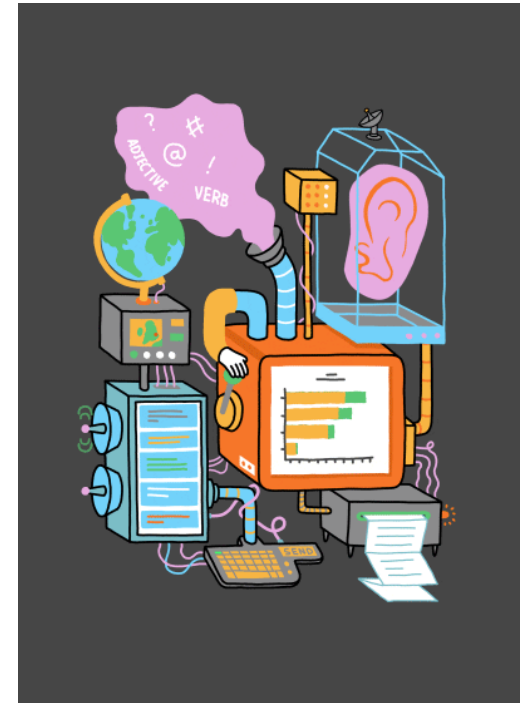
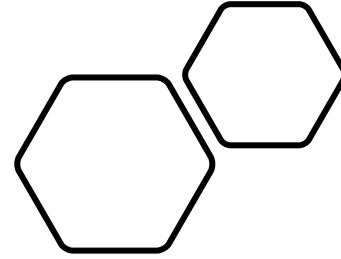


## User List

Username	Phone	Email	Last Sign In Time	Number Of Visits
PharmaBoi	0123456789	jeee0002@student.monash.edu	New User!	0
acha0094	0197714951	acha0094@student.monash.edu	Mon, 11 Oct 2021 16:37:20 GMT	1
Michelle	0123456789	wkua0005@student.monash.edu	Tue, 12 Oct 2021 05:06:01 GMT	1
ruiq	0123456789	ruiqianhou@gmail.com	New User!	0


Back



# Non-Functional Requirement




As a user, I want my details to be stored in a safe and reliable database so that I will be able to access the application from multiple devices. - Security





 **Firebase**


 Project Overview 


**Build**


 **Authentication**


 Firestore Database

 Realtime Database

 Storage

 Hosting

 Functions

 Machine Learning

**Release and monitor**  
Crashlytics, Performance, Test Lab ...


**Analytics**  
Dashboard, Realtime, Events, Conve...



**Engage**  
Predictions, A/B Testing, Cloud Mes...











Familytics ▾

## Authentication

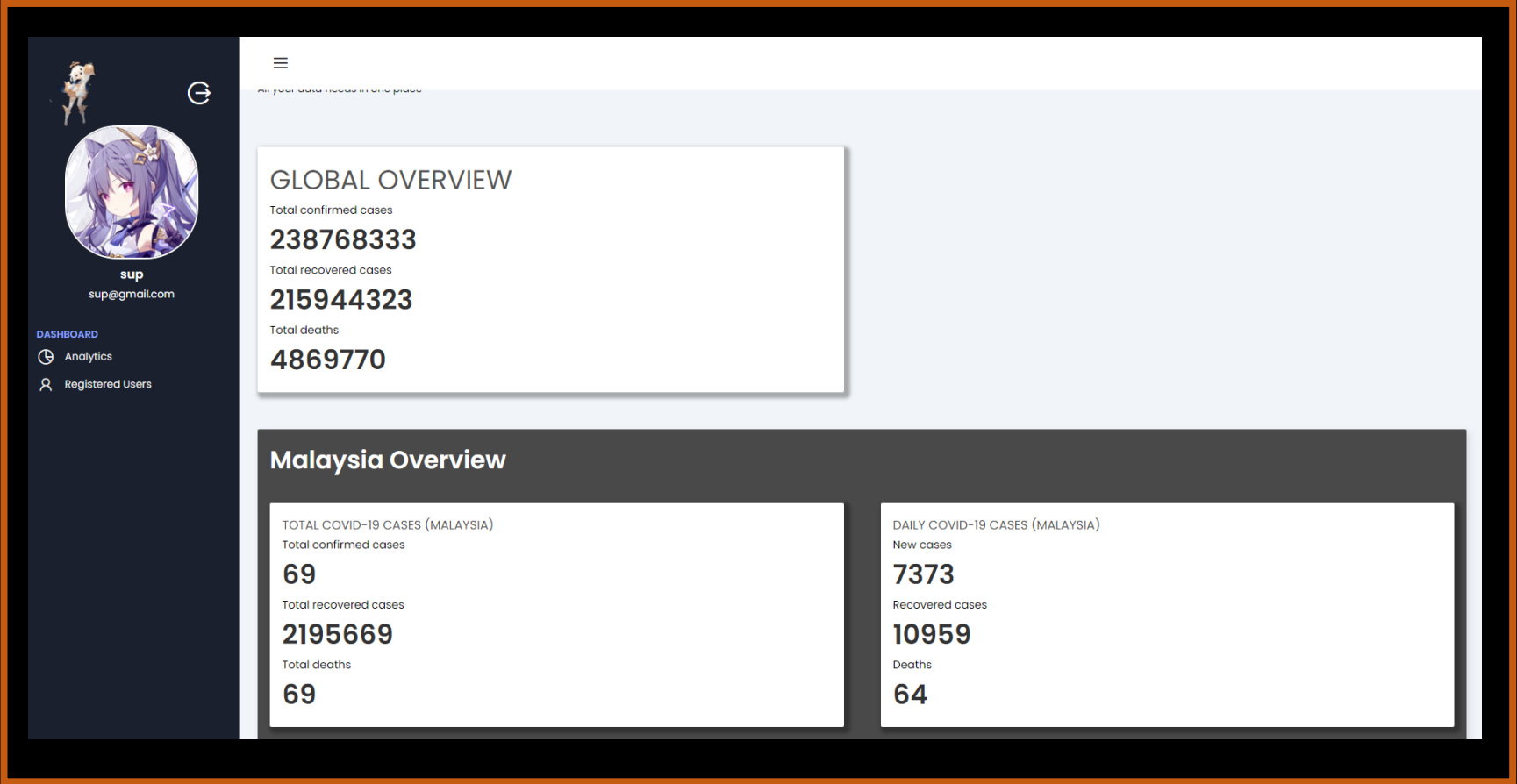
Users Sign-in method Templates Usage

 Search by email address, phone number or user UID

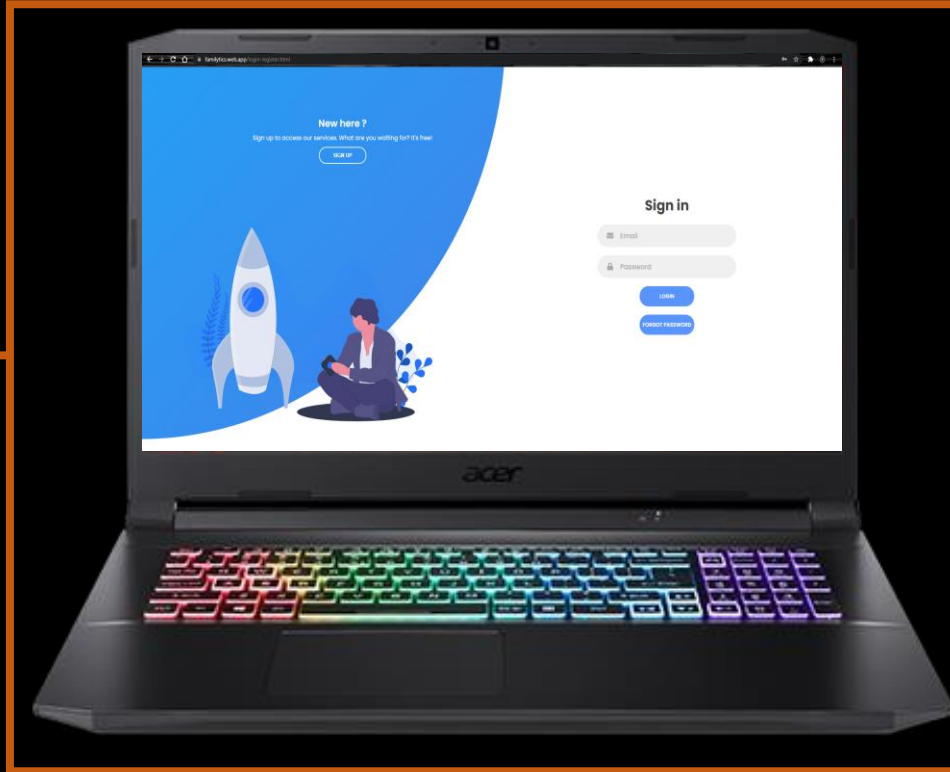
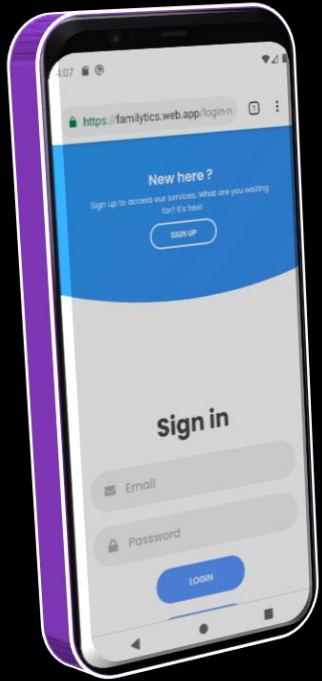
Add user  

Identifier	Providers	Created ↓	Signed in	User UID
jord0004@student.monash...		12 Oct 2021	12 Oct 2021	gV4vl2H1DOcYdBdQYMTQFAiaSX...
rhoul0006@student.monas...		11 Oct 2021	12 Oct 2021	jS5wszCHLUcZqRPg7qB2QbrYpfl2
acha0094@student.monas...		11 Oct 2021	11 Oct 2021	6f99l8ptZDMldAwEaFFHejCKO7z1
jfoo0016@student.monas...		11 Oct 2021	11 Oct 2021	i63BKlPHmTZtpIWkX3lpDkKkSHO2
sup@gmail.com		9 Oct 2021	11 Oct 2021	6ZfC3hZnamUAsJz8leJ9xUNyQm...
abc@mail.coma		4 Oct 2021	5 Oct 2021	bYo8gZUmP2h4smx8uWk8esiPfm...
abc@mail.com		4 Oct 2021	4 Oct 2021	hURfn1f1qde3wSV879hHgjEWep82
wkua@gmail.com		28 Sep 2021	5 Oct 2021	62LaOVDgJ9T3rDjKHxB3A1yhetg2
wkua@email.com		28 Sep 2021	5 Oct 2021	gPjut65fOBRqHF2tKmkeu3bFKqg1
foojacky8@gmail.com		11 Sep 2021	11 Sep 2021	ngfslx3njGOBkKzMpRpJZa4h0uG2

As a user, I want the user interface themes to be soothing with not too bright colors so that the UI looks more welcoming. - Usability, UI Aesthetics



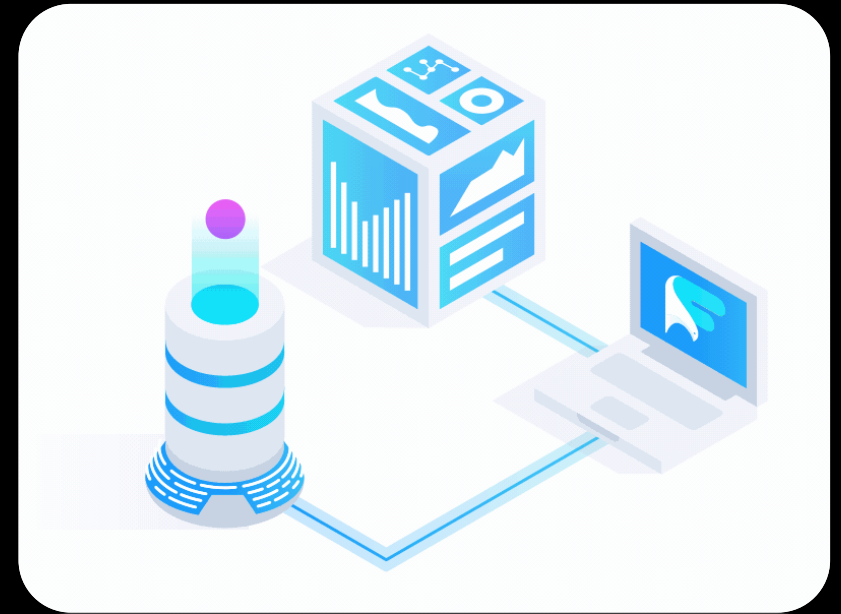
As a user, I want to be able to use the application on both pc and mobile so that I can use it from both devices at any time. - Portability, Adaptability



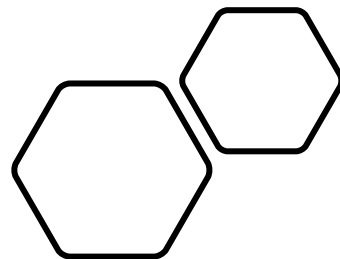


- As a user, I want to be able to view the app in a website so that I can access it from both my laptop and smartphone. (Hosting) - Portability

*familytics.web.app*



# The Actual Product Demonstration



**ACTUAL**

# End of Product Presentation

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