

Screen Sketches

Team VB-5

Wei Lim
Evelyn Khew
Varuna Rao
Khanh Tran

StudyBuddy

Actors

- Administrator
- Pet Creator
- User

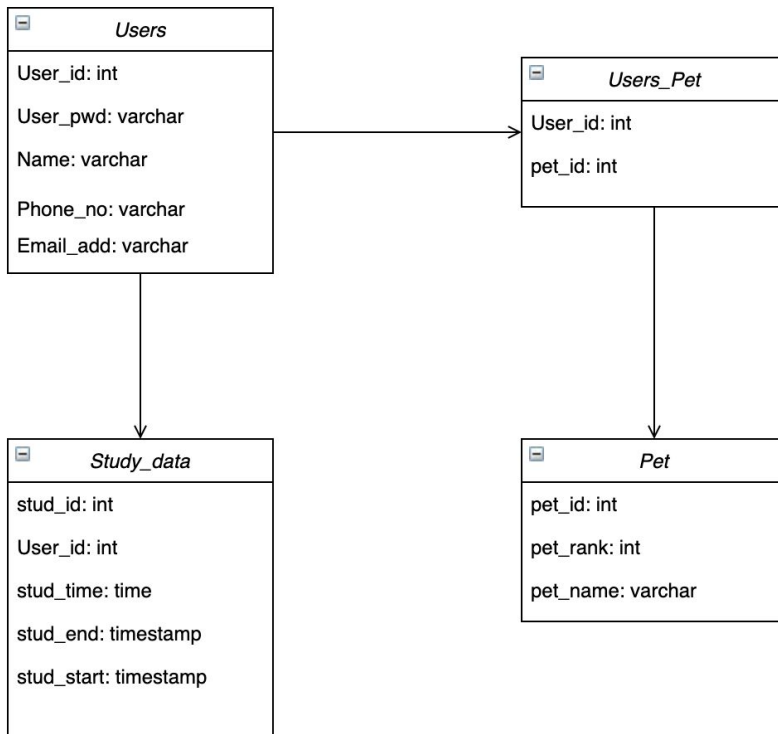
Functionality:

1. Administrator
 - a. Admin Interface:
Interface for background status such as app usage and server status
 - b. Admin Log:
In-app log so that different administrators can see what has been done and what needs to be done
2. Moderator
 - a. Submit Pet:
Page to submit pet designs that the moderators have created.
 - b. User banning:
Page to ban users who are misusing the app (such as hacking for more pets)
3. Users
 - a. Profile updates:
Users should be able to update their own profiles
 - b. User Summary:
Users should be able to view their summary statistics. They should also be allowed to choose whether they would like to share their statistics with their friends or not.
 - c. Pet Obtaining:
Users should be able to get new pets using the tickets that they earn.
 - d. Pet Display:
Users should be able to look back at the pets that they have collected.
 - e. Friends view:
Users should be able to set what they want to share with their friends, such as the amount of pets they have, what pets they have, as well as some statistics.

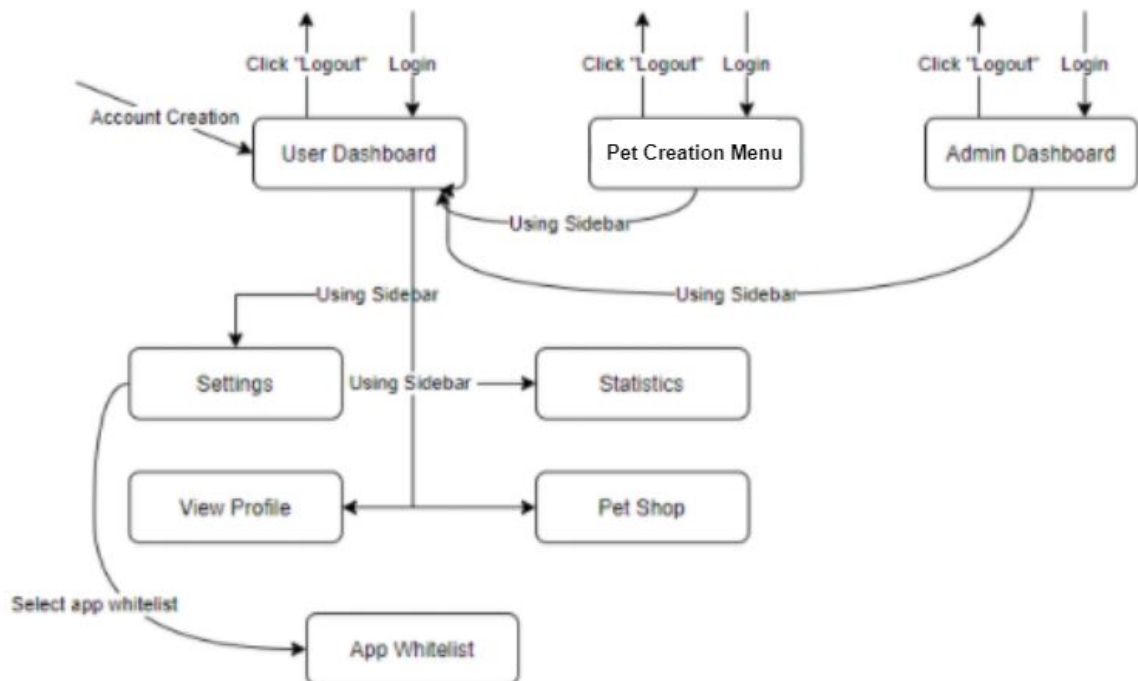
Non-functional requirements

1. Performance
 - a. Host server is constantly maintained
 - b. Response time
2. Scalability
 - a. Max amount of pets possible
 - b. Amount of users, will the app be able to handle the load?
3. Usability
 - a. Error catching, special edge cases, what determine idle time
 - b. Satisfaction and ease of use, is the layout intuitive and simple
 - c. Memorability, log idle time and pet uses

Table and Fields

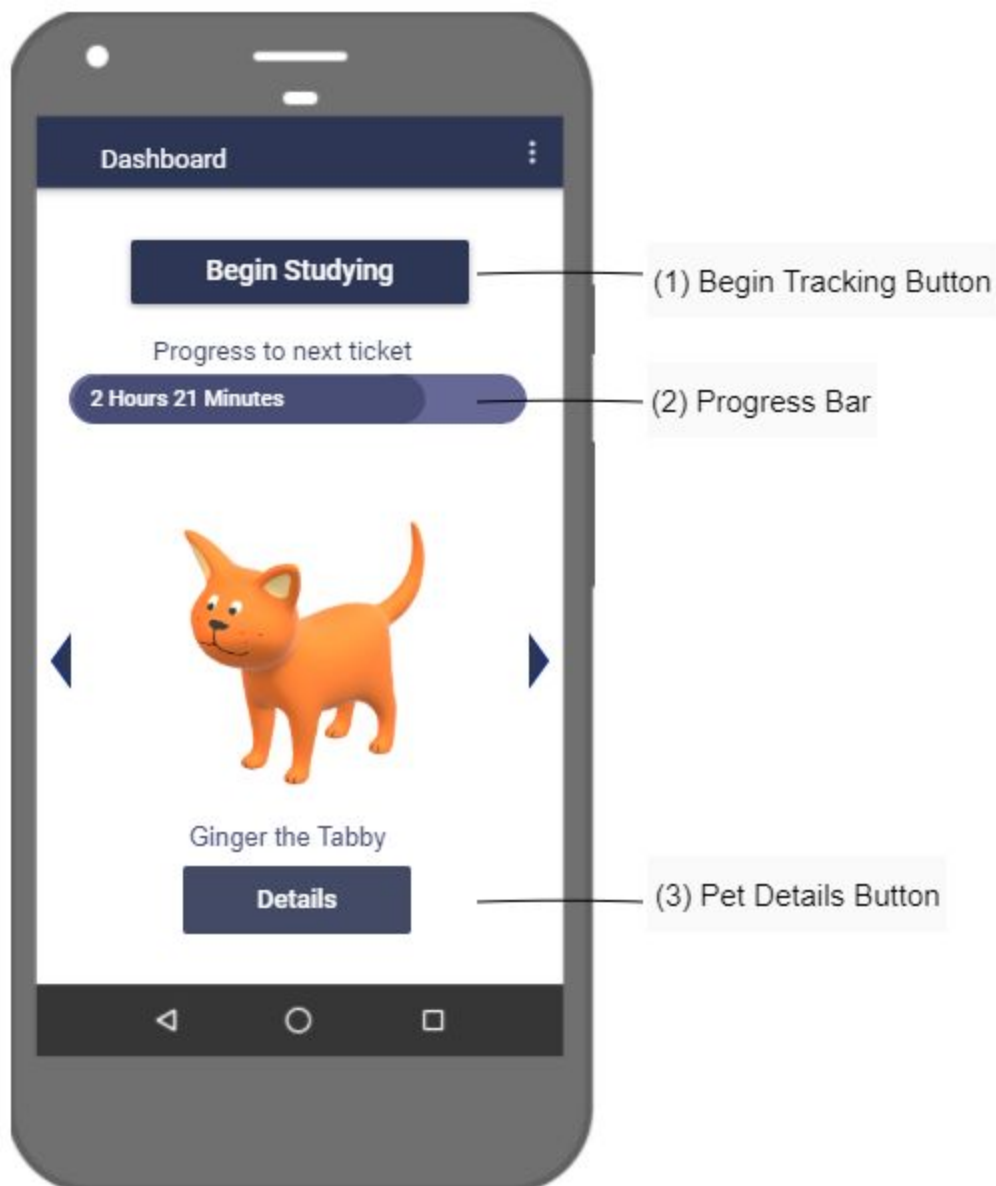


Screen Flow



User Dashboard

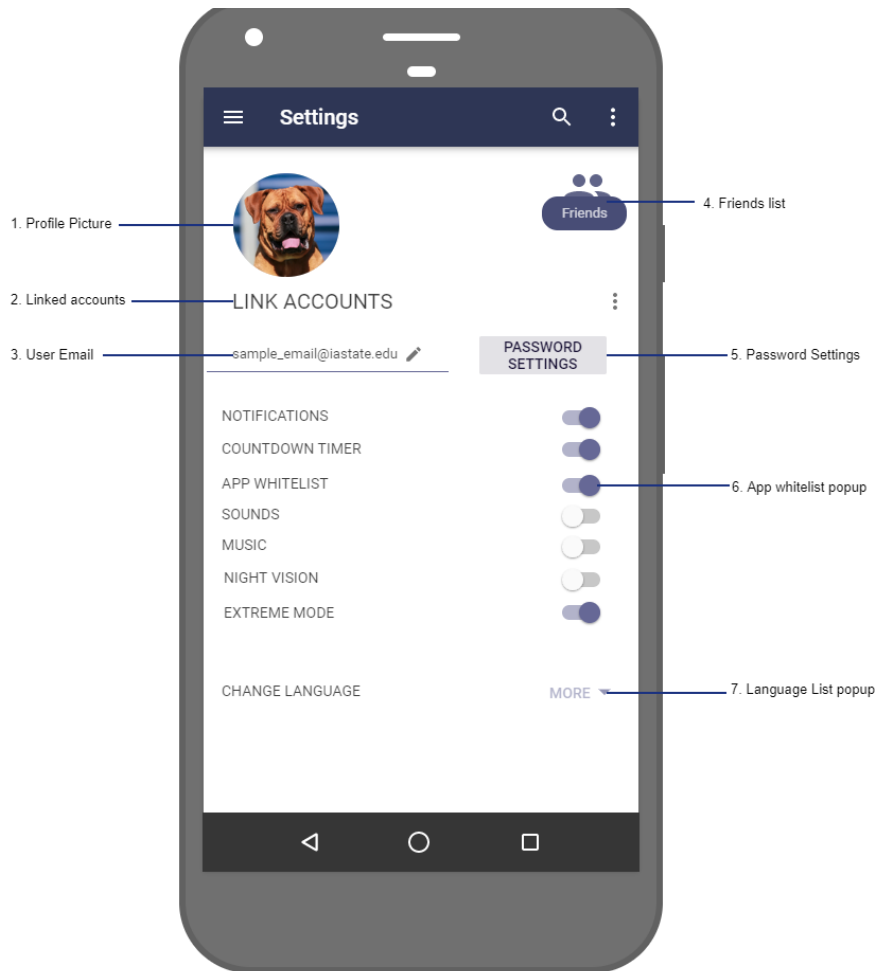
Varuna Rao



The dashboard is the first page a user sees when entering the app. All the important information a user needs is immediately available, including the (2) progress bar to get new tickets. The (1) 'begin studying' button starts tracking the user's study time and keeps a tab on the usage of non-whitelisted apps upon being pressed. All the users pets are also displayed on the page and can be cycled through easily by swiping or pressing the arrow. If a user wishes to learn more about their pets, the (3) details page gives you plenty of additional information.

Settings

Evelyn Khew



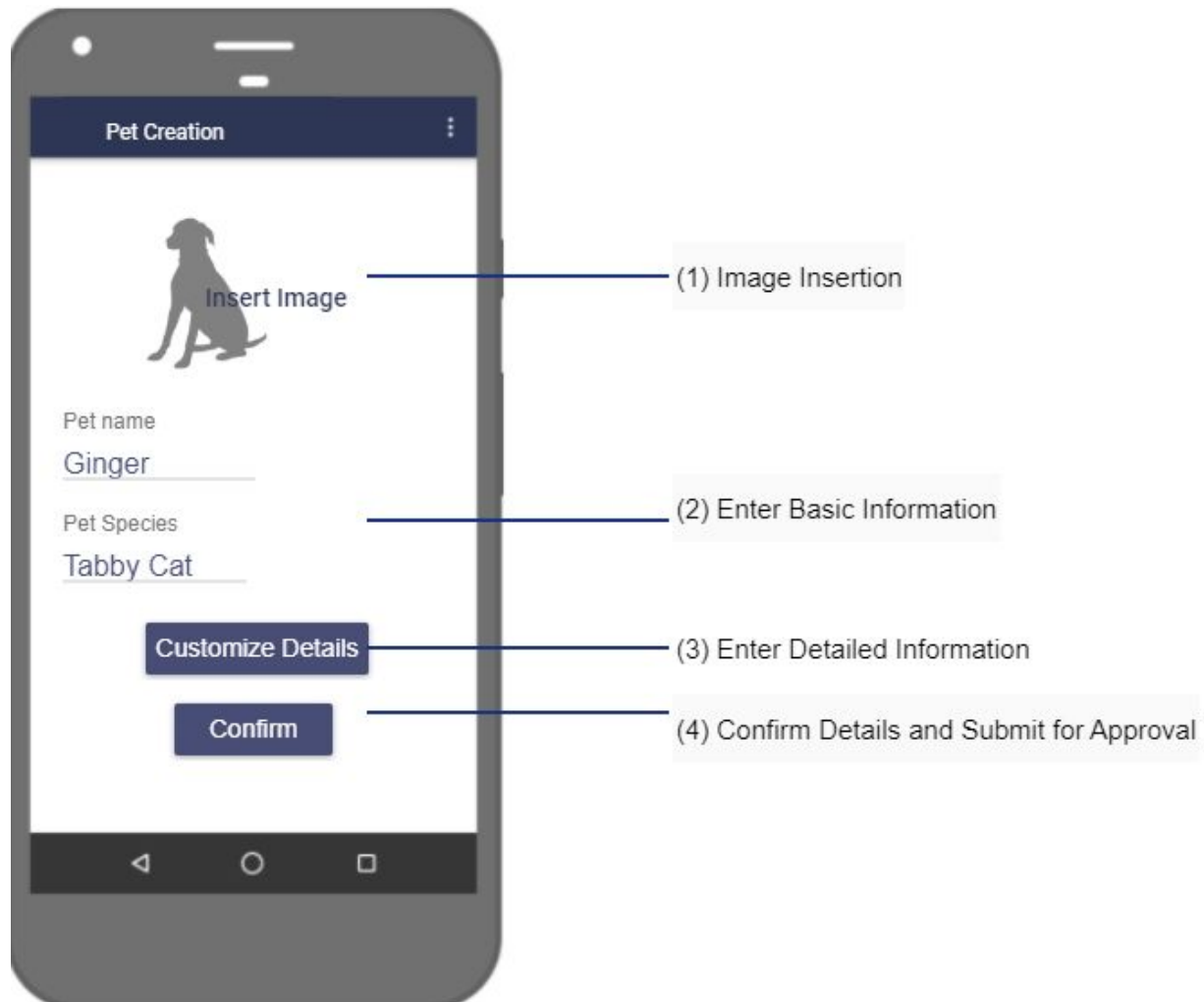
The settings page allows for users to make changes to their account as well as any other in-app settings that they wish to choose. This page can be accessed through the user dashboard page by the menu option on the top-right corner.

Through this page, the user will be able to make changes to their profile picture in the app. This can be done through (1), where the user should tap their image, prompting a pop-up dialog box which should enlarge their profile picture and has a button for the user should they decide to change it. Through (2), the user will be able to see a pop-up with the list of supported apps such as Google or Facebook in order to link their accounts as they wish. (3) should display the email that the user signed in with, and it also allows the user to change it after a prompt to type in their password. Should the user wish to view their friends list and their profiles, the user can click on (4). As with any other app, users can choose to make changes to their password as well. By

clicking (5), they will be prompted with a pop-up box asking whether they are sure they wish to change their password, or if they've forgotten their password. (6) allows the user to choose whether they wish to whitelist certain apps while the timer is still running. If the user toggles it to "on", they will be redirected to the "App whitelist" page. (7) shows the user a list of different languages when they click "more" so that they can choose a language of their choice in the app.

Pet Creation Menu

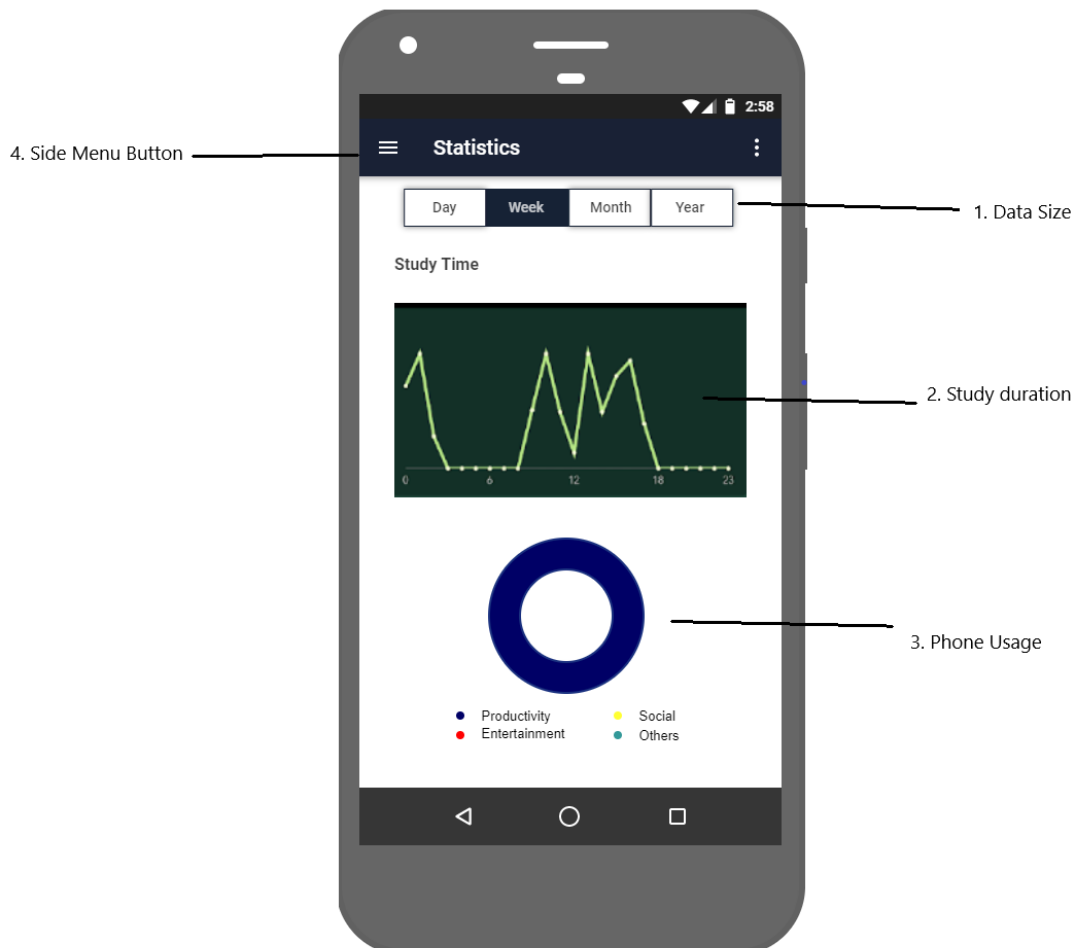
Varuna Rao



The pet creation menu is restricted only to certain users. This menu allows a user to (2) design pets and submit them for approval to the admins who can then choose to allow the pet to be available in the pet store. Submission is done by editing the information and pressing the (4) confirm button. An image is required for any pet submission and can be added through the (1) insert image button at the top. If a user wishes to customize every aspect of the new pet, they can add more information via the (3) customize details menu to create their dream pet.

Statistics

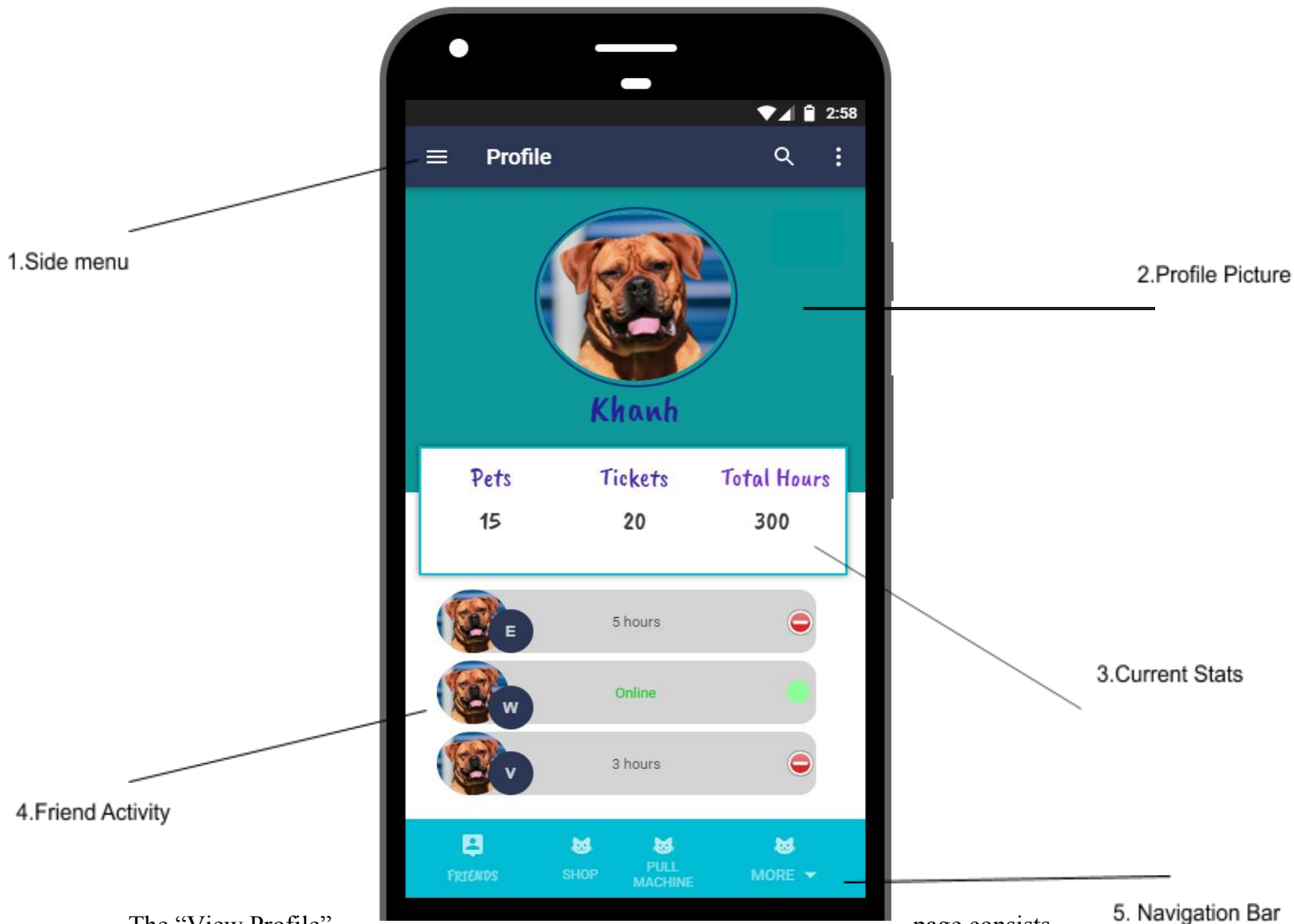
Wei Lim



The statistics page is used to check your study statistics on how much time you spend studying and user's phone usage. The data size selection (1) consists of day, week, month or year. It allows user to choose how much data they want to see. The study duration (2) graph is to have a user friendly interface to see the study date. The phone usage (3) graph is to check the phone usage based on different category tags so users are able to know how much time they spent on the other applications. The side menu button (4) is to go to other pages.

View Profile

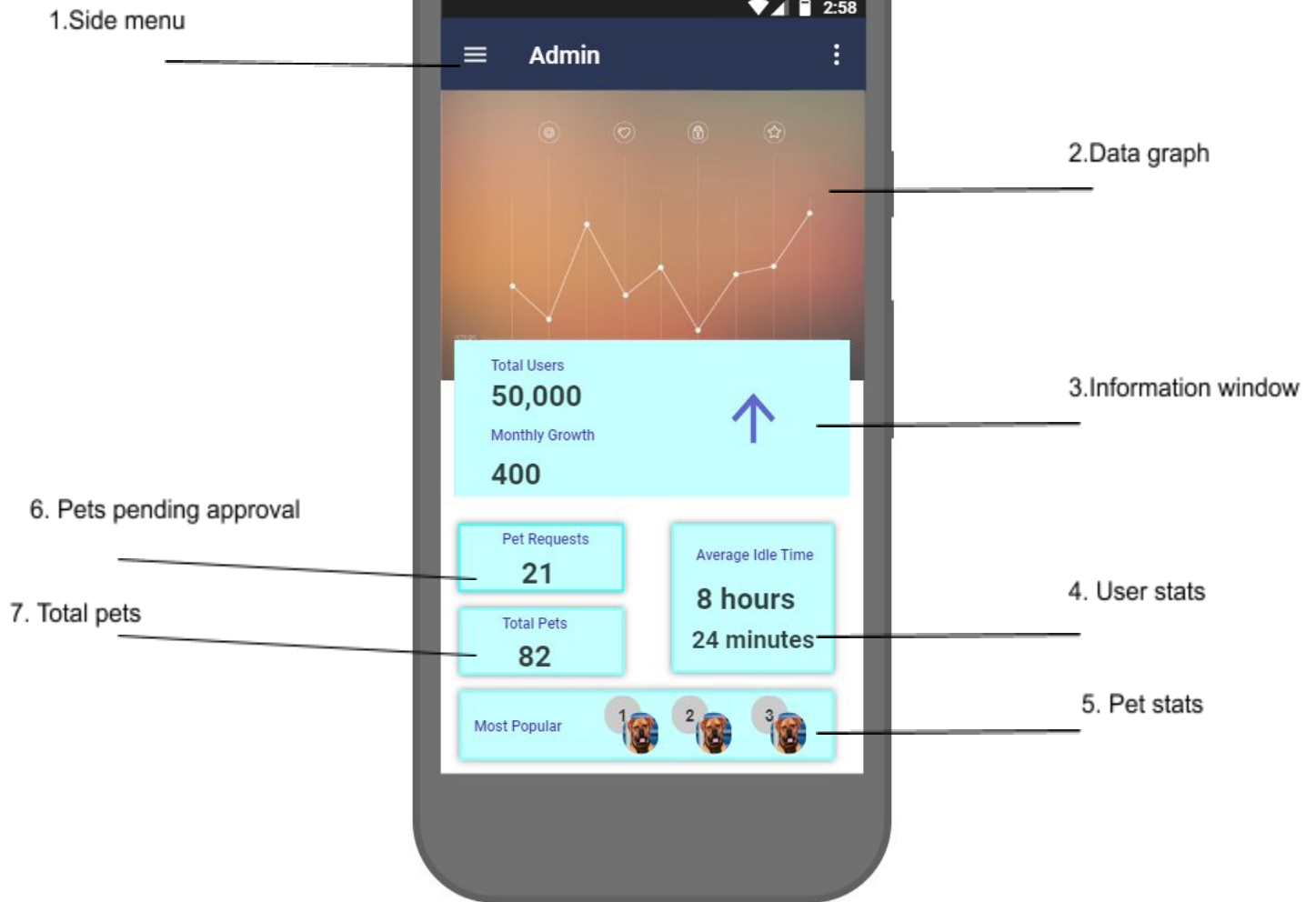
Khanh Tran



The “View Profile” page consists of basic information that the user can see. The page contains different navigation buttons such as (1) side menu, which is a tab that contains other main screens such as settings and other dashboards. If one wishes to click on their (2) profile picture it will lead to a page of pets they currently own and they are able to change their profile to a new pet. The (3) current stats page just shows basic information for the user: tickets they currently have for the pull machine, total amount of pets currently owned, and the total amount of hours they have spent offline. The (4) friend activity section displays random friends’ profile pictures and their status, if their status is offline it will say the amount of time they have been offline. The user can also click the pictures to go to their friend’s main page. Lastly, the (5) navigation bar will let the user access the mostly used windows like friends, shop, and the pull machine.

Admin Dashboard

Khanh Tran



The admin page displays basic key information for the developer. The (1) side menu contains settings only the admin can access and has control over. The (2) data graph displays user grows monthly throughout the year. The (3) information window shows total amount of users registered and the amount of monthly new users. The arrow indicates if the current month has exceeded new users or is below last month's users. The (4) window shows the average idle time for all users, the admin may click the window and it will display a detailed report of each month's average. The (5) pet stats windows shows the most popular pets and clicking on the window will display each pet's current number of users. The admin will also need to approve pets and by

clicking on (6), the admin can either accept a creator's request or deny it. Lastly, the admin can click on (7) to display every pet and can decide to remove a certain pet or modify it.

Pet Shop

Evelyn Khew

(Image for gacha machine used: <https://twitter.com/onemegawatt/status/897519107670773762/photo/1>)



The pet store page allows for the user to use their tickets in exchange for pets. Through (1), they will be able to see the pets available as well as the respective rarities of each pet. If the user chooses, they can also use the (2) option to share with their friends on social media in order to receive more tickets. This can only be done once per day. By clicking (3), the user will then be able to use one of their tickets to get a pet in exchange. (4) shows the user how many tickets they have left and is non-interactive.

App Whitelist

Wei Lim



The app whitelist page allows the user to access and view which applications from the phone is whitelisted. The search button (1) is used to search the application. The on/off button (2) is used to choose if they want the whitelist feature to be used or not. The tick selection (4) is to choose which apps to be whitelisted. The back button (4) is used to go back to the settings.