



TIME TO ROLL

Kushal Singh

CS160 - User Interface and Design Development

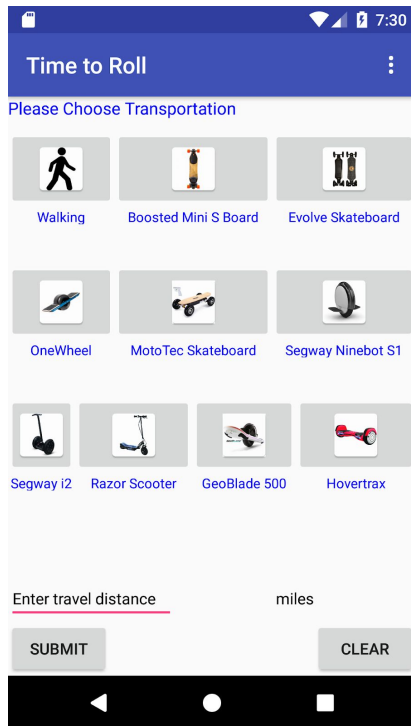
Professor Paulos



Documentation

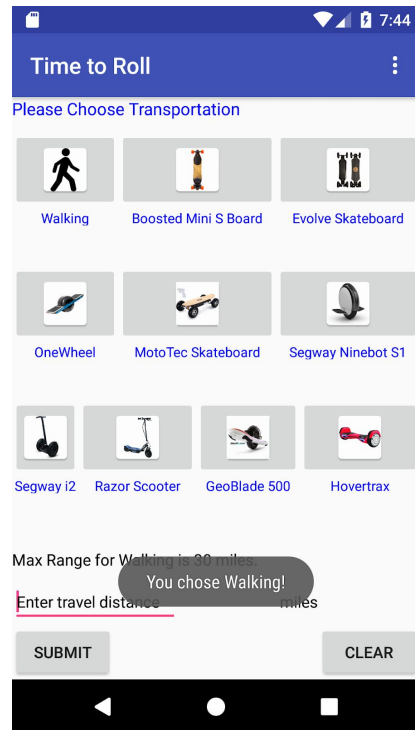
The way this mobile app works is that the user chooses a mode of transportation which is represented by a series of Android “Image Buttons,” and the user enters a distance he or she would like to travel.

SCREENSHOT 1



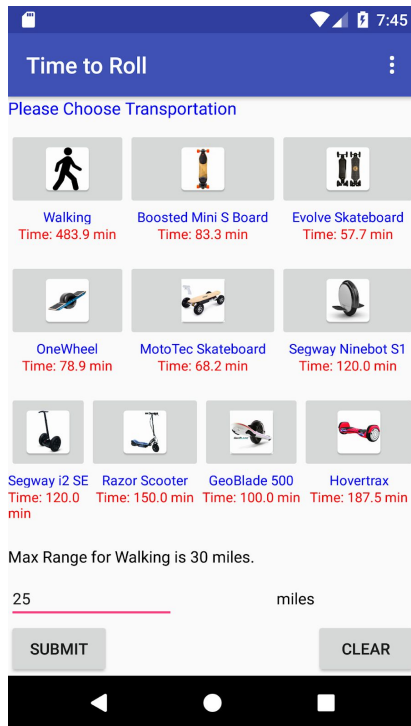
This is the first screen when the user downloads my application. The images of the different modes of transportation are displayed, along with their respective titles.

SCREENSHOT 2



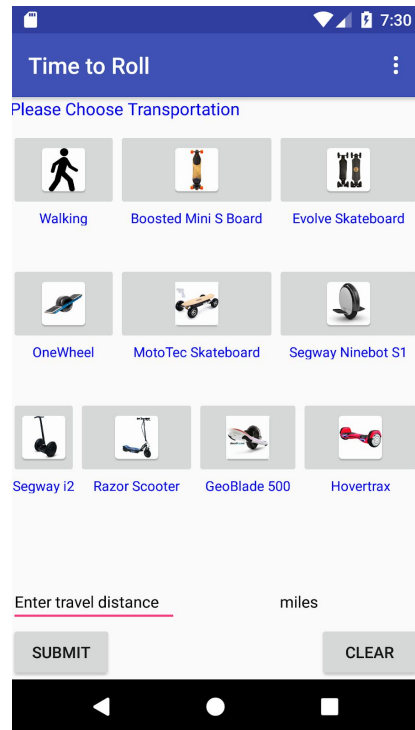
Once the user chooses a specific mode of transportation (in this case "Walking"), the application displays a Toast message saying "You chose Walking" and also displays the "Max Range for Walking" as a TextView.

SCREENSHOT 3



Upon selecting the distance and clicking "SUBMIT", the application displays the equivalent amount of time for "Walking" as well as all the other modes of transportation.

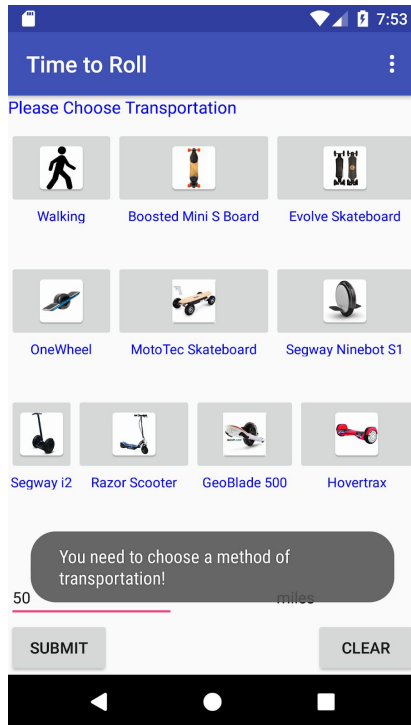
SCREENSHOT 4



The user can then hit "CLEAR" to clear the screen and repeat the process again for a different mode of transportation and/or a different distance.

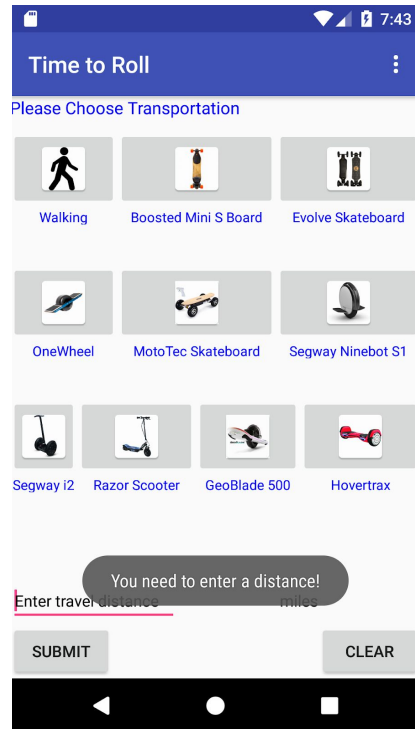
EXTRA FUNCTIONALITIES

SCREENSHOT 5



If the user attempts to enter a distance without choosing a method of transportation, then the application outputs a Toast message stating "You need to choose a method of transportation!"

SCREENSHOT 6



If the user attempts to "SUBMIT" without entering a distance, then the application prompts the user to "Enter a distance."

SCREENSHOT 7

The screenshot shows a mobile application titled "Time to Roll" with a blue header. Below the header, the text "Please Choose Transportation" is displayed. There are twelve icons arranged in a 4x3 grid, each representing a different mode of transportation. The icons are: Walking (a person walking), Boosted Mini S Board (a skateboard), Evolve Skateboard (a skateboard), OneWheel (a single-wheeled skateboard), MotoTec Skateboard (a skateboard), Segway Ninebot S1 (a self-balancing scooter), Segway i2 (a self-balancing scooter), Razor Scooter (a kick scooter), GeoBlade 500 (a skateboard), and Hovertrax (a self-balancing scooter). Below the icons, there are two buttons: "SUBMIT" and "CLEAR". A validation error message is displayed in a grey box: "Please enter a distance less than 30 miles!". The error message is positioned over a text input field that contains the number "35".

Time to Roll

Please Choose Transportation

Walking Boosted Mini S Board Evolve Skateboard

OneWheel MotoTec Skateboard Segway Ninebot S1

Segway i2 Razor Scooter GeoBlade 500 Hovertrax

Please enter a distance less than 30 miles!

35 miles

SUBMIT CLEAR

If the user attempts to enter a distance that lies outside the range of that specific mode of transportation, then the user is prompted to enter a distance that lies within the range of that transportation type.