Interview

Interviewer: Matthew Masi

Interviewee: Carmine Masi

Background: My dad (Carmine Masi) has a bachelor’s degree in Computer Science and works at a software company called Nuance.

Matthew: “Please tell me what you want from the app.”

Carmine: “It is essentially a tool that would be used to view stats of a run/jog including the route taken.”

Matthew: “What are the specific features of the app?”

Carmine: “The main feature would be to track the route taken by the runner on a map.”

Matthew: “Would Google maps be okay to use for the map?”

Carmine: “Yes, that would be fine”.

Matthew: “And what exactly do you mean by tracking the route taken by the runner?”

Carmine: “I would like it to draw out a line that shows the route that was taken.”

Matthew: “For the line, would the standard blue line used in google maps be sufficient to draw out the route?”

Carmine: “Yes.”

Matthew: “To implement this feature, I would need to use the built in GPS of the phone. How accurate would you want it to be? For example would you want it to scan the location every second or every minute?”

Carmine: “It has to be somewhat accurate, however, I think scanning every second is a bit excessive. Every 5-10 seconds should be fine.”

Matthew: “How will you use this feature? Are there any steps that have to be taken before the app starts drawing out your route?”

Carmine: “The only prior step would be to press a button called “start run”. And this also brings me to the next feature that I want which is to display the time taken by the route. The timer would start when the “stat run” button is pressed”

Matthew: “So from what I understand, you want a common button to be pressed to start the route drawing and the timer, right?”

Carmine: “Yes, that is correct.”

Matthew: “And to stop the both the timer and the route drawing, do you also want a common stop button?”

Carmine: “Yes, but there are other things that I want to be calculated upon starting and stopping a run. Namely, distance traveled and calories burnt.”

Matthew: “How would you like to view these stats?”

Carmine: “How I picture the app, is that there is a main screen where there is a start and stop button. When the start button is pressed, on the same screen, I want the time to be displayed in real-time. When the stop button is pressed, there should be another button that can be pressed that takes you to another screen which will be the profile page of the current run.”

Matthew: “This profile page would be where you can view the time, distance and calories burnt for the current run, right?”

Carmine: “Yes.”

Matthew: “So for the route drawn on the map, how would you like to view it?”

Carmine: “Once you are on the profile screen, there should be a button at the bottom that can be pressed that will take you to another screen with a map on it displaying the route taken.”

Matthew: “Are there any other features that you would like to have in your app?”

Carmine: “Yes, I would to have a scoreboard that displays the top runs.”

Matthew: “And by top runs do you mean average speed or distance or time taken?”

Carmine: “Well I always use the same starting point and end point when I run so the time taken is the most important to be. I can then check the best time and see the route that is associated with it.”

Matthew: “How many entries total would you like to have in your scoreboard?”

Carmine: “I think 5 would be enough.”

Matthew: “How would you like to view this scoreboard?”

Carmine: “On the main screen, there should be another button that brings you to the scoreboard screen.”

Matthew: “How would you like to view each entry of the score board?”

Carmine: “On the scoreboard screen, I want something like a drop down menu that has the entries ordered from best time to worst time. When an entry is clicked on in the menu, the associated stats should be displayed on the very same screen. There should also be a button at the bottom of the screen that when pressed, brings you to the map with the route drawn on it for the selected entry.”

Matthew: “What would you like to do when the maximum number of entries has been entered?”

Carmine: “If a new entry needs to be put in the scoreboard and the scoreboard is at its max capacity, then the entry with the worst time will be replaced with the new entry if it is a better time.”

Matthew: “Any other features?”

Carmine: “That’s pretty much everything.”