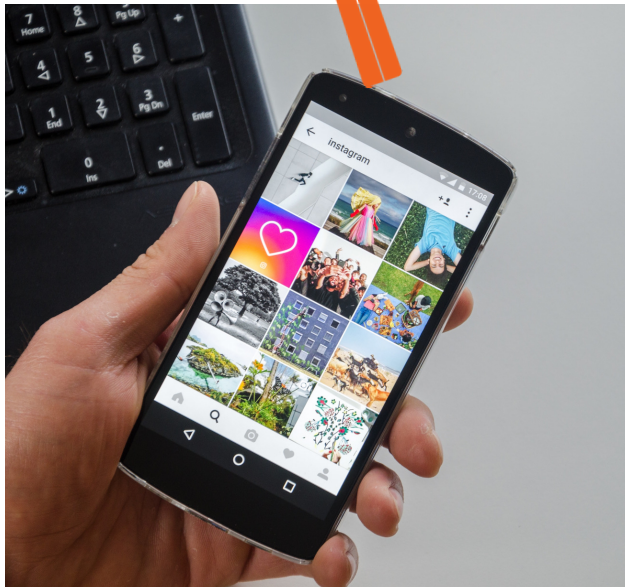ROZZY
LEARNING COMPANY

Careers from A to Z:
Selena the Software
Developer

WHO IS SELENA?
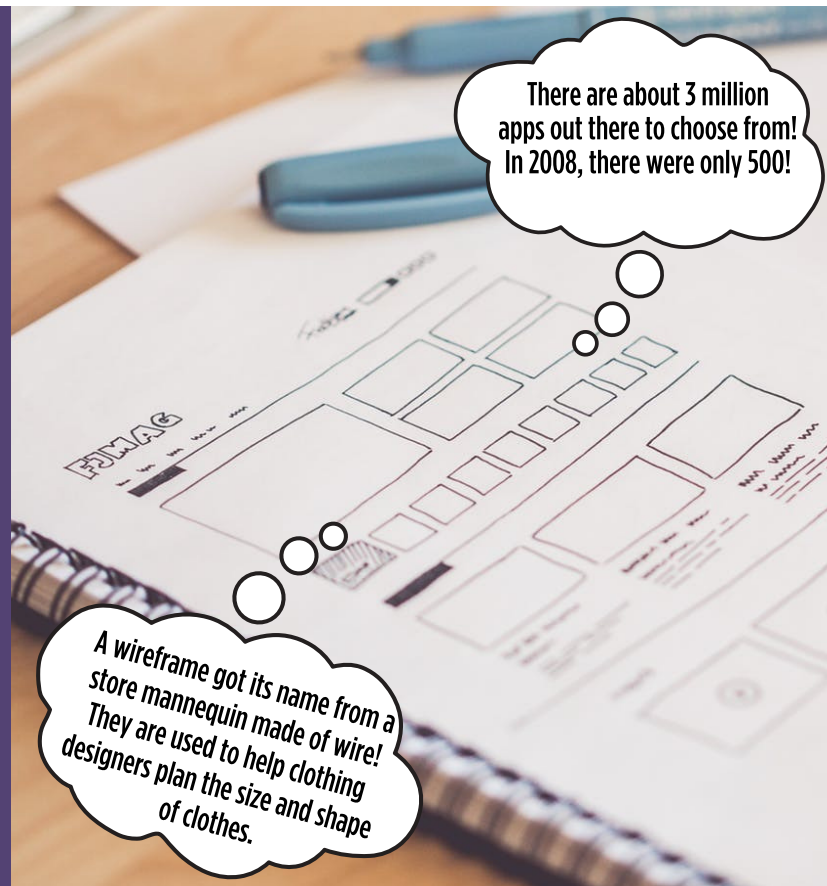
Selena is a **software developer**. Software developers create computer software. **Computer software** are the programs you see on a computer or other devices, like a phone. Have you ever played a video game? Or have a favorite app you enjoy? Software developers are in charge of designing those too! Before software developers create an app, they have to do research. They might talk to kids or adults and ask them what they like or need. After researching, they come up with an idea for new software. Once they have an idea, software developers design games and apps by using computer code. **Computer code** is a language, just like English or Spanish. The code tells the computer or app what to do or look like. It's basically a set of instructions. After creating the new software, software developers test it to make sure the app or game works well.

WHAT IS A WIREFRAME?

A wireframe is a picture of what an app or game will look like before it is created. A wireframe lets software developers plan and sketch out their ideas.

What would happen if software developers didn't make a wireframe? Imagine if you were making cookies and decided not to follow the recipe. Instead, you threw together the ingredients and didn't measure out the flour or sugar! Do you think your cookies would taste good? Probably not! A wireframe is like a recipe. It's a plan for a design. Just like people work on a cookie recipe to make it just right, software developers work on their wireframes. Then, software developers' websites or apps will come out just the way they planned!

There are about 3 million apps out there to choose from! In 2008, there were only 500!

A wireframe got its name from a store mannequin made of wire! They are used to help clothing designers plan the size and shape of clothes.

IT'S YOUR TURN

Create your own wireframe for an app. First, choose one of the following themes for your game. Then, explain the name and purpose of your game. Next, create wireframes for the different levels of your game. In the boxes for the wireframe, create the opening page for the app and levels 1-3 of the game.

Step 1: Pick a theme for a game

- 🔢 Math Game
- 🦈 Shark Game
- 🚗 Car Racing Game
- 🧩 Maze Game

Step 2: Explain your game

📱 The name of your game:

📱 What is the goal of your game?

📱 How can you win the game?

1: Opening Screen

2: Level One

3: Level Two

4: Level Three