

Smartphone Apps: The Engineering Process

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Purpose Of Study

The purpose of our study is to learn how to make a smartphone app and learn about how smartphone apps help other people.

Introduction

- An App is short for a mobile application which runs on your smartphone
- In America 3/4ths of the US population has smartphones
- This poster is to show the steps needed to make an App

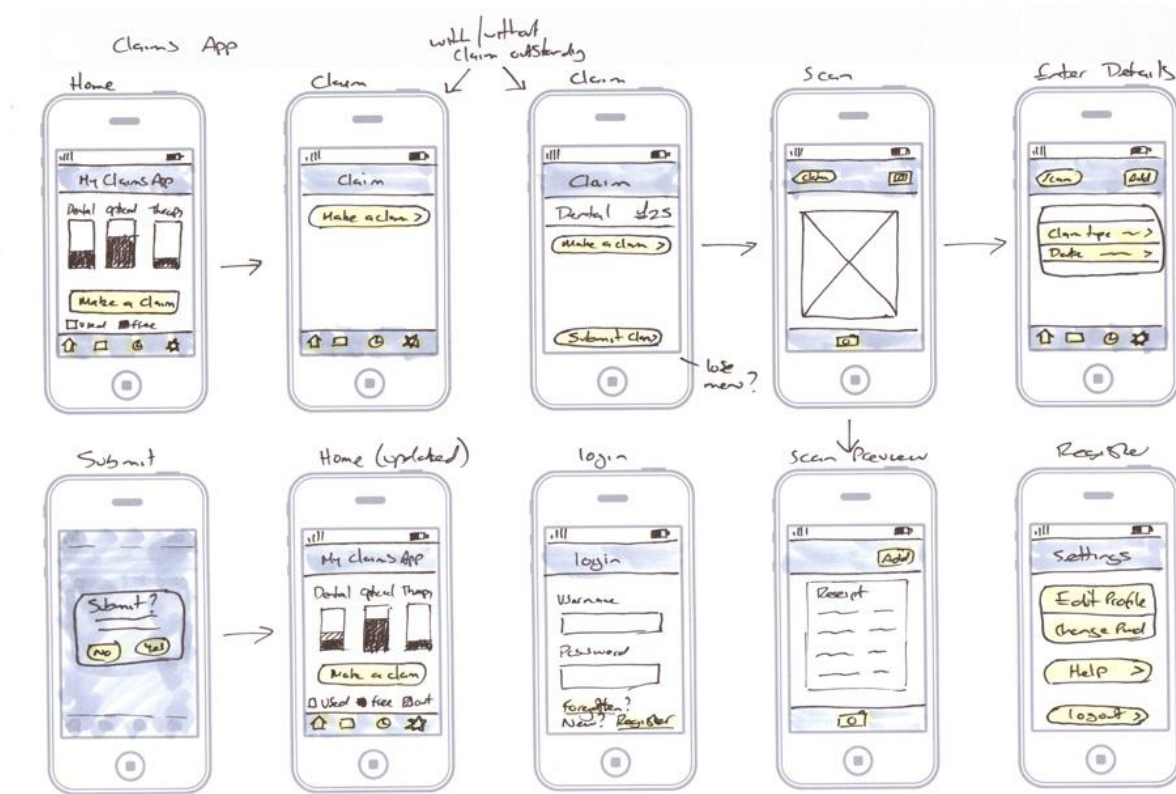
How To Make An App

- An App is a computer program and requires knowledge of coding
- For an iOS App people generally use Xcode
- Android can also use Xcode or other sources such as Android studio
- There are also some websites which you can use if you do not know how to code

Steps To Making An App

Steps:	Example:
1) Define your goal	A photosharing app for kids: Kidstagram
2) Sketch it	Draw your app out on paper.
3) Prototype	Design it on a computer
4) Test/Revise	Test with others and revise your app
5) Program it	Use coding language
6) Release	Upload to the app or play store

Sketching an app



How Much Does It Cost?

Smartphone apps cost money to get put on the App Store & Play Store
Play Store: 1 time fee of \$25
App Store: \$99 per year

Prototyping

Prototyping is a mock-up app before you make a real app. When you prototype you basically make an example app and have others test it out before putting it on the App Store or Play Store.

How Apps Help Others

Apps can help with anything. Apps help with donations, fundraisers, health (mental health, fitness, and diets), environmental causes, educational apps, and connecting with others.

Sources

- www.allbusiness.com
- www.abc.net.au
- <https://www.statista.com>