Lesson 1: Introduction to Mobile Apps

Scott Morgan

Bridgend College

BTEC Computing: Mobile Apps Development (Unit 8)

Web: scott3142.com

E-mail: MorganSN@cardiff.ac.uk



What is an App?

 Dictionary: A computer program used for a particular type of job or problem.

Who is Building Apps?

Short Answer?

Who is Building Apps?

Short Answer: **Everyone!**

Who is Building Apps?

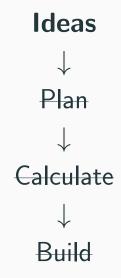
Short Answer: **Everyone!**

Longer Answer: Start-up companies, large companies, big businesses, small businesses, Government, Universities, schools, kids, **you!**

How do Apps get Built?



How do Apps get Built?



- Anyone can have an idea.
- The idea is **not** the app.

- Anyone can have an idea.
- The idea is **not** the app.
- The idea is **not** the product.

- Anyone can have an idea.
- The idea is **not** the app.
- The idea is **not** the product.
- The idea alone will **not** make money.

Ideas represent an opportunity for solving a problem, not the actual solution!

 $\bullet\,$ Every invention we know of comes from an idea.

- Every invention we know of comes from an idea.
- The idea was usually to fill a *niche* in the market.

- Every invention we know of comes from an idea.
- The idea was usually to fill a *niche* in the market.

- Every invention we know of comes from an idea.
- The idea was usually to fill a *niche* in the market.

Facebook	Dropbox	McDonald's
I want to easily stay in touch with my friends after uni.		

- Every invention we know of comes from an idea.
- The idea was usually to fill a *niche* in the market.

Facebook	Dropbox	McDonald's
I want to easily stay in touch with my friends after uni.	I want to access my files away from my computer.	

- Every invention we know of comes from an idea.
- The idea was usually to fill a *niche* in the market.

Facebook	Dropbox	McDonald's
I want to easily stay in touch with my friends	I want to access my files away from my	I don't want to have to use a knife and fork to
after uni.	computer.	eat.

Discussion

Discussion (15 mins)

In small groups, partners or on your own, discuss what makes a good idea. Make some notes to share.

Think about:

- What criteria does the idea have to have to be effective?
- How do you meet these criteria?
- After the idea, how would you implement it?

Experimenting with Exisiting Apps (20 mins)

Follow the instructions for Apps - Lesson 1 at scott3142.com/btec/

Experiment with the app code. Change it, break it, see what happens. Make mistakes and fix them. Remember Read-Search-Ask!