



Let's Build a

Responsive Canvas App!

Jonas Rapp – Room 8 – 13:30

#SS2020

/// Sponsor

CloudCall 

 Incremental

 MAXIMUS®

 Redspire

 AGILECADENCE
POWERING INNOVATION. SIMPLIFYING TECHNOLOGY.

 SKYLINES
ACADEMY

 Barracuda®

servent 

CRMCS 

 pointfire
Multilingual SharePoint

data8

#SS2020

/// Jonas Rapp

Twitter:
Email:
Blog:

@rappen
jonas@jonasr.app
jonasr.app

Tech Lead etc. at CRM-Konsulterna, Sweden

Microsoft MVP (2017-)

Open source tools (2014-)

100% MS Dynamics “CRM” (2009-)

Software Developer (1994-)



#SS2020

/// Who are You?

Twitter:

@rappen

Email:

jonas@jonasr.app

Blog:

jonasr.app

Know what a Canvas App is?

Built a Canvas App?

Using it in production?

~~Cursed~~ Complained over UI limitations?

Classic developer?



#SS2020



Emma Cooper

Microsoft, 2019-03-18

this announcement is to say that
creating responsive apps is possible,
unfortunately, not that it is easy

jonasr.app/responsive

#SS2020



Responsive?

Real estate

Information

User Experience





How?

No scaling

Size / Position

Some UX feels

Geometry

/// Default Experience

New app

Phone or Tablet

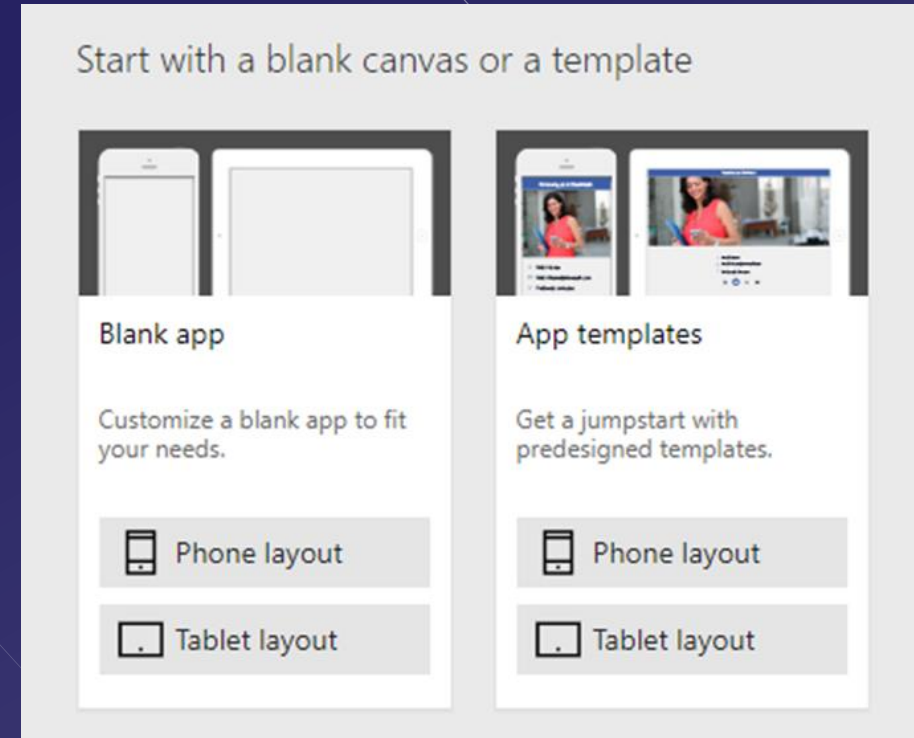
Tablet offers freedom

Not for App From Data

Scaling ON by default

Designer + Preview

Always scale



/// Default App From Data

Accounts

↺ ↻ ↻ ↻

🔍 Search items

Adventure Works (sample)

555-0152

Santa Cruz

>

Alpine Ski House (sample)

555-0157

Missoula

>

Fourth Coffee (sample)

555-0150

Renton

>

Советские ракеты

>

Rockwell

>

Rapp Solutions AB

>

< Accounts

🗑️ ✎️

Address 1: City

Missoula

Main Phone

555-0157

Account Name

Alpine Ski House (sample)

✕ Accounts

✓

Address 1: City

Main Phone

* Account Name

Responsive App From Data

Accounts

↺ ↻ ↻ ↻

🔍 Search items

Adventure Works (sample)

555-0152

Santa Cruz

>

Alpine Ski House (sample)

555-0157

Missoula

>

Fourth Coffee (sample)

555-0150

Renton

>

Советские ракеты

>

Address 1: City

Missoula

Main Phone

555-0157

Account Name

Alpine Ski House (sample)

✕ Accounts

✓

Address 1: City

Missoula

Main Phone

555-0157

* Account Name

Alpine Ski House (sample)

/// Responsive App From Data

Accounts		
Search items		
Adventure Works (sample)		
555-0152		
Santa Cruz	>	Address 1: City Missoula
Alpine Ski House (sample)		
555-0157		
Missoula	>	Main Phone 555-0157
Fourth Coffee (sample)		
555-0150		
Renton	>	Account Name Alpine Ski House (sample)

/// Size Matters





Demo

Time for some live ~~coding~~
formula writing

/// Dos & Don'ts

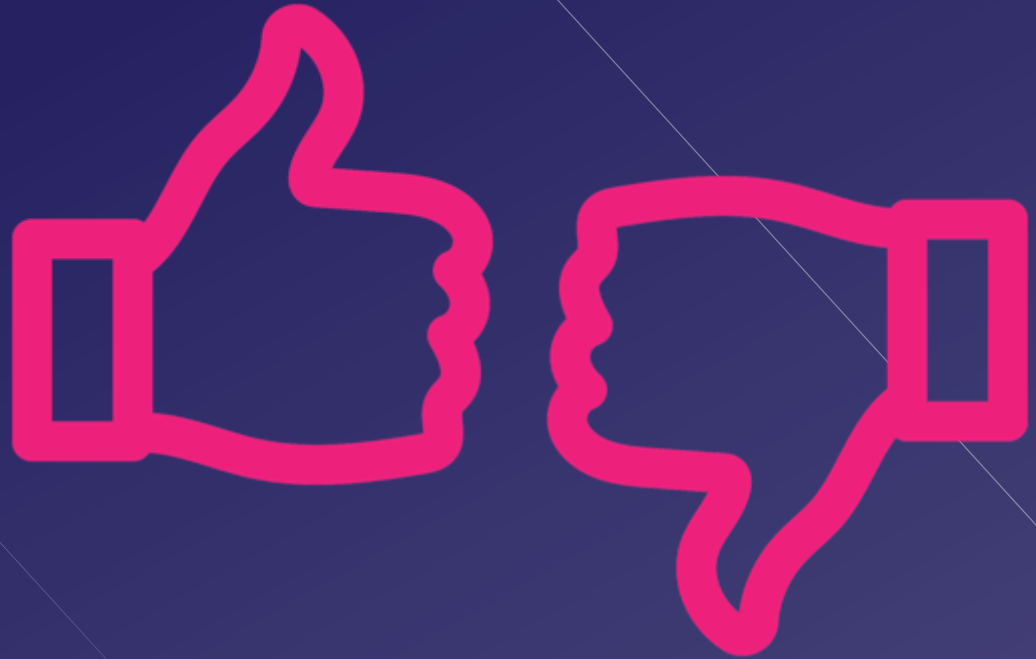
Try, reiterate, try again

Use Containers

Use “variables”

Don't touch!

It kills your formulas...



/// What's coming / Wish list

Anchors

Tables / Grids

Docking

Overflow

Thresholds

Designer awareness

Preview awareness





jonas@jonasr.app



Stockholm, Sweden



twitter.com/rappen



github.com/rappen



youtube.com/JonasRappMVP

#SS2020

/// Sponsor

CloudCall 

 Incremental

 MAXIMUS®

 Redspire

 AGILECADENCE
POWERING INNOVATION. SIMPLIFYING TECHNOLOGY.

 SKYLINES
ACADEMY

 Barracuda®

servent 

CRMCS 

 pointfire
Multilingual SharePoint

data8

#SS2020



Thank You

#SS2020