



CIM 545: Managing Interactive Media Projects

Spring 2016 – Professor Jacqueline Stetson Pastore

# Design Documentation

Week 5: February 10, 2016

# Assignments Due Today

---

- Reading:
  - A Project Guide to UX Design (Unger)
    - Ch11 Site Maps and Task Flows (pg219-236)
    - Ch 12 Wireframes and Annotations (pg237-258)

# Topics To Cover Today

---

- Guest Speaker – Daniel Hettrick
  - Case Study
  - JIRA Demo
  - Q&A
- Break
- Present Plans to date
- Design Documentation
  - Annotations
  - Axure Demo

# Assignments For Next Class

---

- Deliverable:
  - First draft of Design Documentation
    - Sitemap
    - Task Flow(s)
  - Start working on... (present final versions on 2/24)
    - Interactive wireframes with annotations
    - Static Annotation (key pages)
    - Thumbnail / Screen Flow (key user story)

# Guest Speaker – Daniel Hettrick

---



15 minutes



2 people (who haven't gone yet) –  
present your project plans so far

# Annotations

---



# Functional Specification

Project Name

Functional Specification

## Table of Contents

[Right click on the table to update the table of contents]

Table of Contents .....	2
Document References .....	4
Glossary of Terms .....	4
1 Global Comments .....	4
1.1 Limitations / Non-Requirements .....	5
2 Functional Design: Workflow & Navigation .....	5
2.1 Workflow Diagram .....	5
3 Functional Design: User Interface .....	6
3.1 [Screen Name] [List new or legacy screen number or name] .....	6
3.1.1 Description .....	6
3.1.2 Screen .....	6
3.1.3 Business / Functional logic .....	6
3.1.4 Alternative page content .....	6
3.1.5 Screen objects .....	6
3.1.6 Error messages / Validations .....	7
3.1.7 Path / Template & Widgets .....	7
3.2 Page Name .....	9
3.2.1 Description .....	9
3.2.2 Screen .....	9
3.2.3 Business / Functional logic .....	9
3.2.4 Alternative page content .....	9
3.2.5 Screen objects .....	9
3.2.6 Error messages / Validations .....	10
3.2.7 Path / Template & Widgets .....	10

Company Name - Proprietary and Confidential

Page 2 of 9

- Word documents that can be hundreds of pages long.
- Typically written by the Business Analyst / Project Manager / UX Designer.
- Documents all pages and functionality of the website or application.

Project Name

Functional Specification

3.2.8 10 .....	
3.2.9 Path / Template & Widgets .....	10
4 Appendix 1 – Help Content .....	12
4.1 Glossaries / Hyperlinks .....	12
4.2 FAQs .....	17
4.3 Drop-Down List Members .....	29

Spec Template Example:

<https://drive.google.com/open?id=0Bw0n8dh5J1JiYnhLdnhGUVV6M00>

# Functional Specification

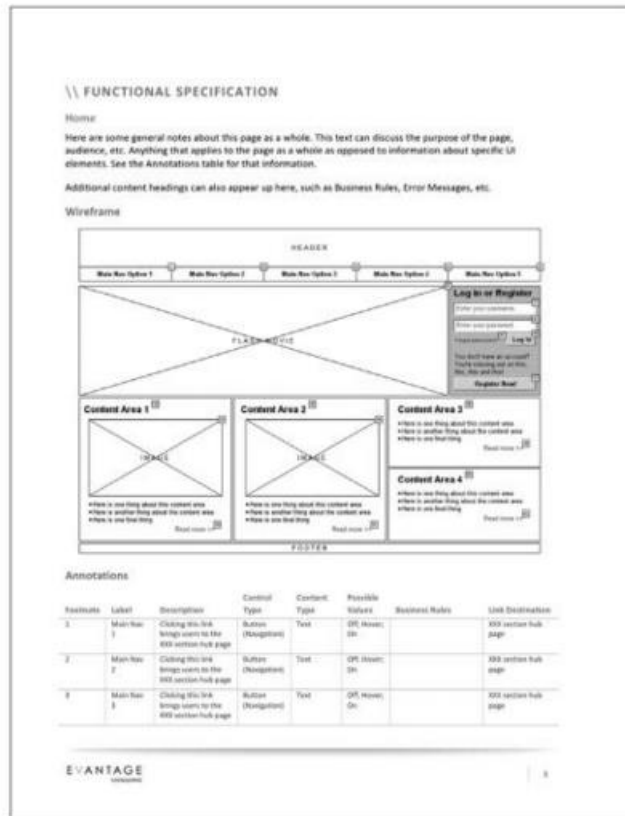


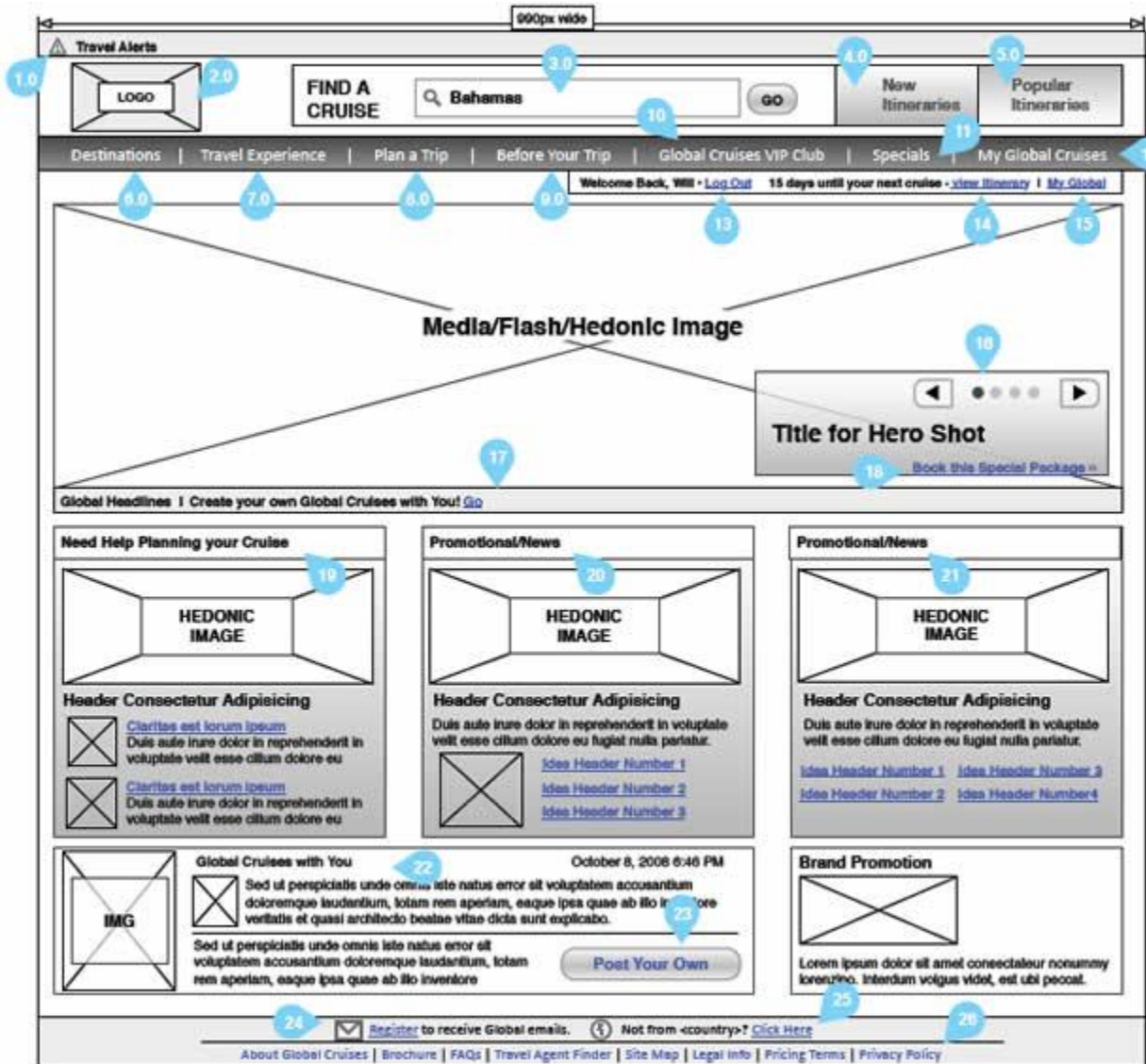
Figure 12.5 A wireframe with annotations, created in Axure

Unger, pg248

Each page of the UI includes:

- Description of the page
- Screenshot of the page
- Business / Functional Logic
- Alternative page content
- Screen objects
- Error messages / Validations
- Path / Template Widgets

# Static Annotations

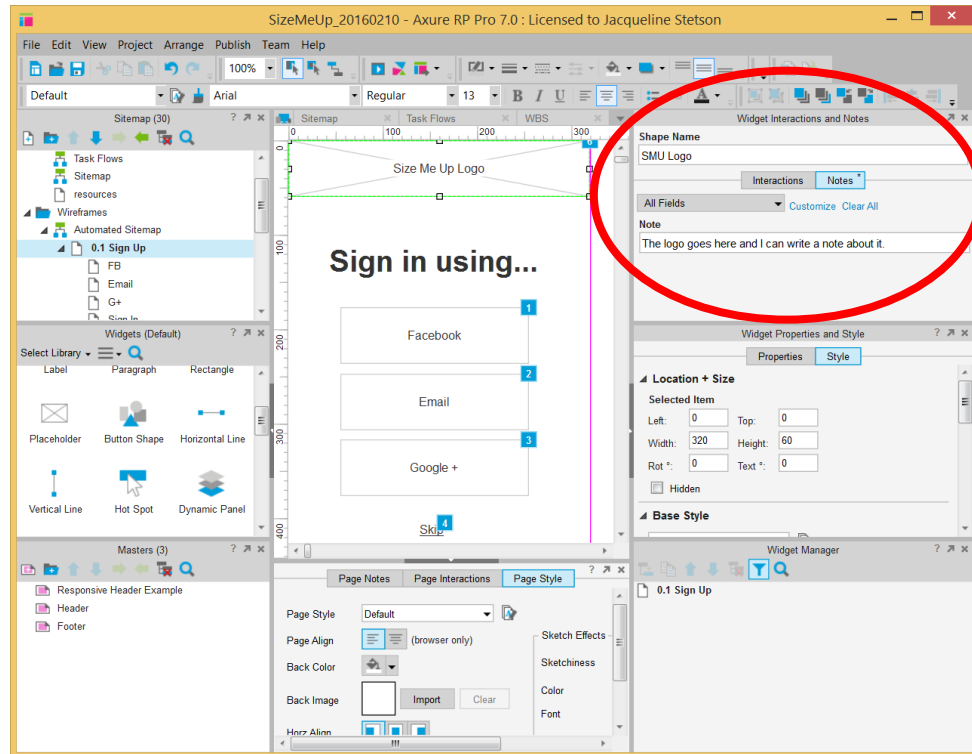


Annotated Notes	
1.0	Travel Alerts: link through to 0.2.0.0
2.0	Branding/Logo links Home Page
3.0	Search with predictive suggestion defined user scenario 3.X
4.0	New Itineraries drop down with link: display Itinerary w/link to section 4.x
5.0	Popular Itineraries - dropdown showing top 5 most popular Itineraries
6.0	Destinations Link: goes to section X.0
7.0	Travel Experience Link: goes to section X.0
8.0	Plan a Trip Link: goes to section X.0
9.0	Before Your Trip Link: goes to section X.0
10	Global Cruises VIP Club Link: goes to section X.0
11	Specials Link: goes to section X.0
12	My Global Cruises Link: goes to section X.0
13	Logout Link: logs user out of session
14	View Itinerary Link: Goes to My Global/View my Itineraries page.
15	My Global Link: Goes to personalized page
16	Carousel of specials/packages image
17	Starring You Moment Crowdsourcing link
18	Link to Book Specials tied to the Image in the large Hero shot.
19	Need Help Planning your Cruise
20/21	Promotional CTAs/Partner Promotions
22	Global Cruises With You
23	Post your own Starring Your Moments link to crowdsourcing page.
24	Sign up to receive emails
25	Change Country link
26	Global Footer Links

- Screenshot of the wireframe
- Every element is numbered
- Panel on right side of page that defines every element
- Include CTA, logic, and what happens next

Page: 2

# Interactive Wireframes (Axure)



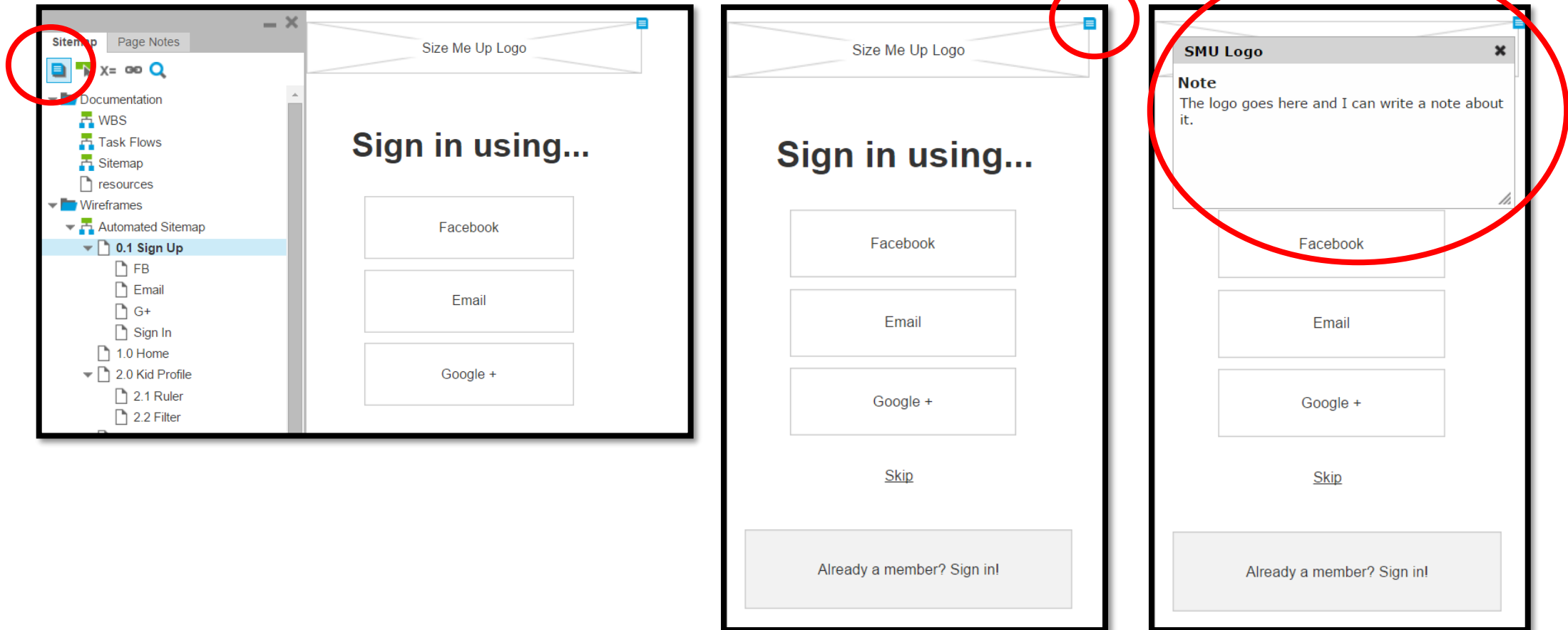
- Widget Interactions and Notes
- Label each screen element
- Write notes as needed for each element

Axure File: <https://drive.google.com/open?id=0Bw0n8dh5J1JiMW9lQUVpLUx0Y00>

Wireframe URL: <http://3kttkn.axshare.com/>

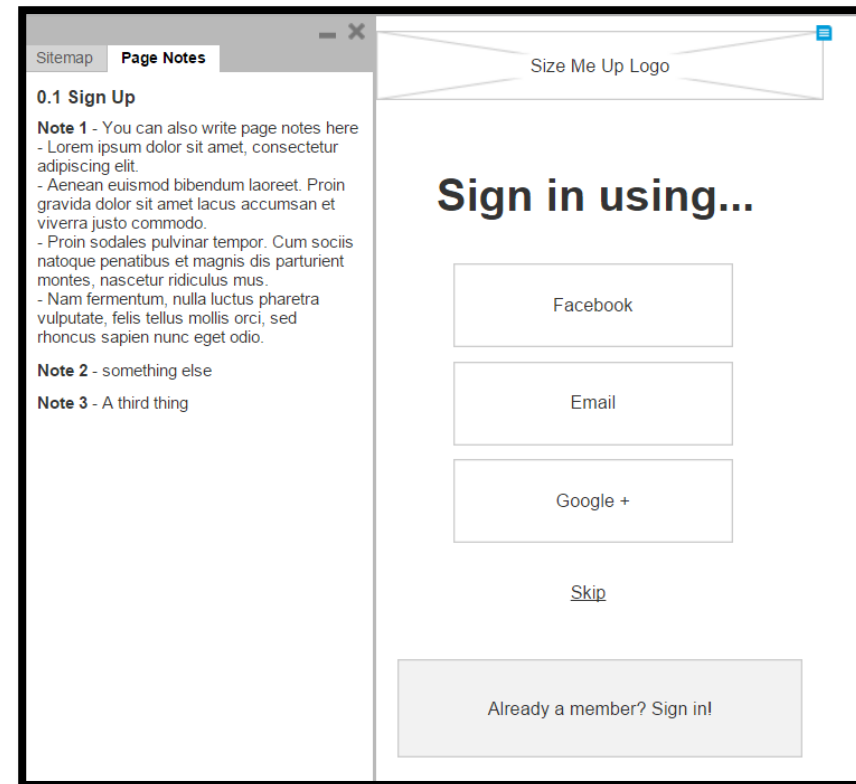
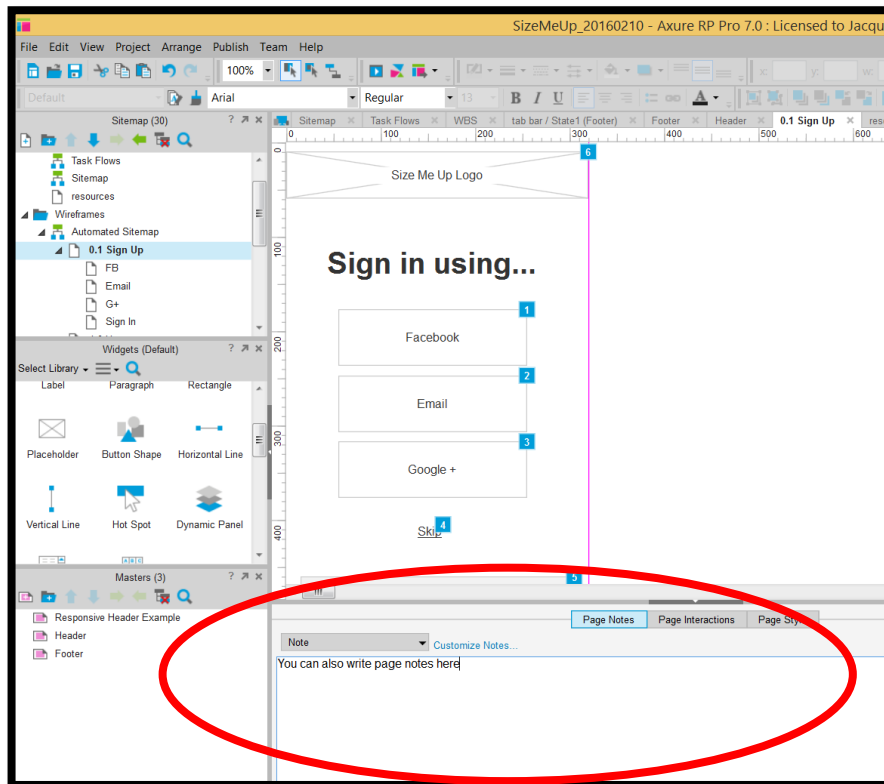
# Interactive Wireframes (Axure)

- View notes by clicking on blue icon
- Turn on / off notes in prototype within Sitemap panel



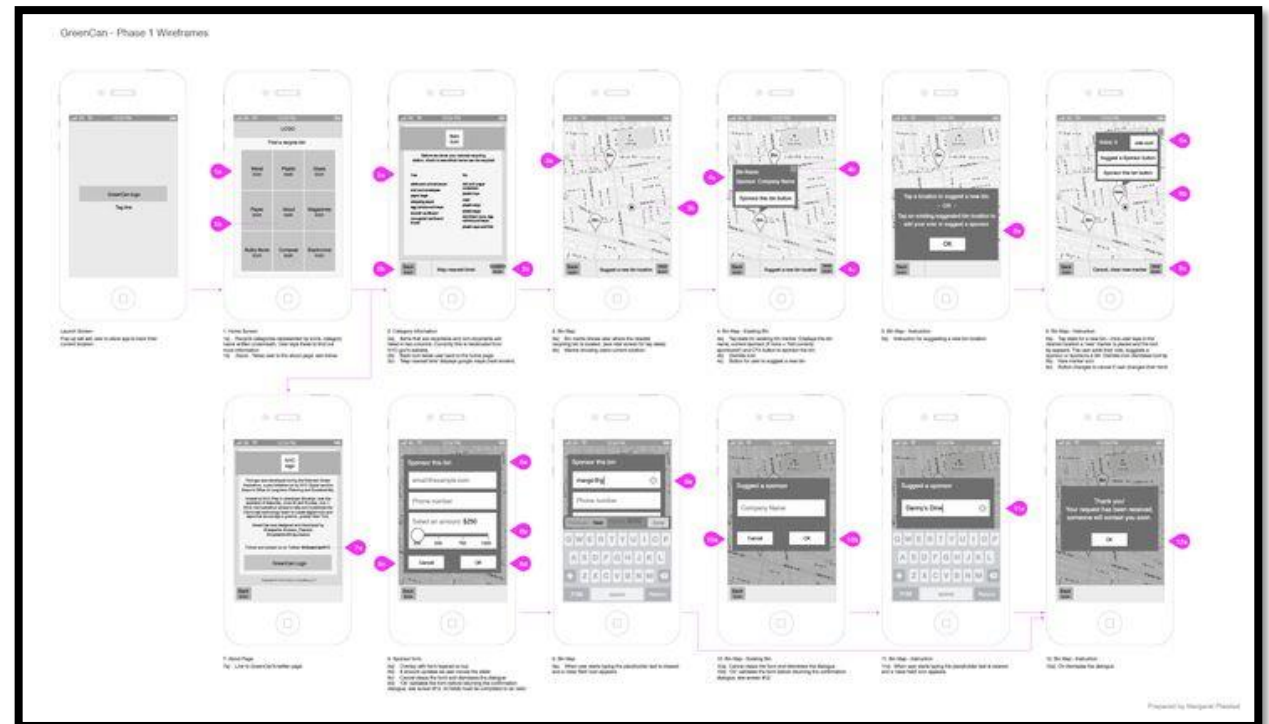
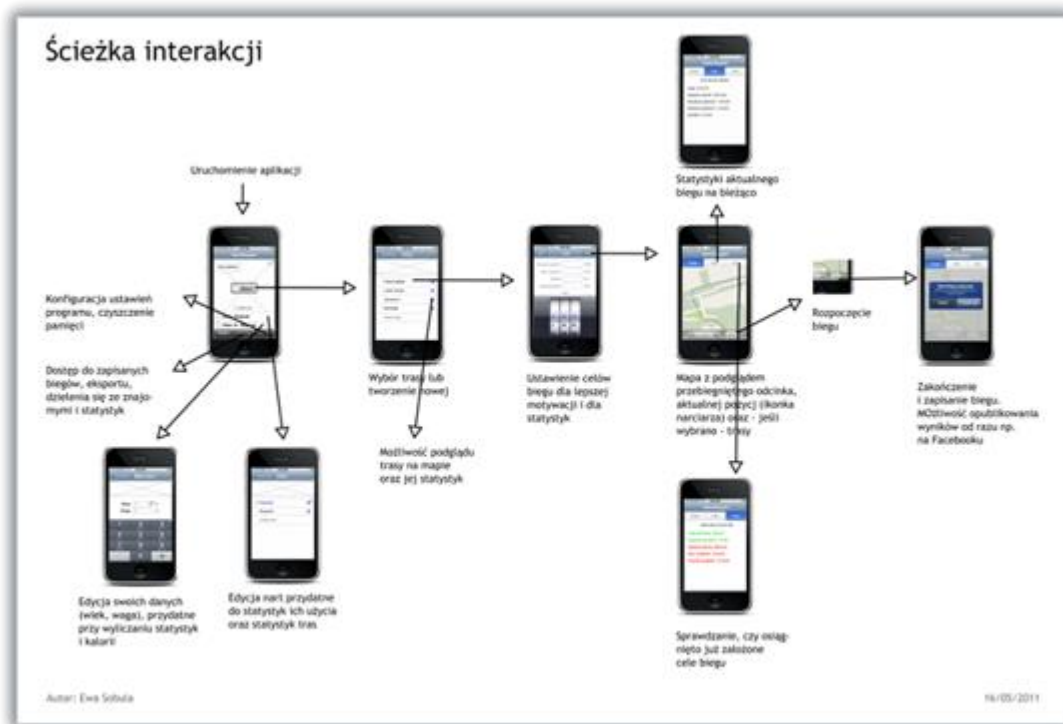
# Interactive Wireframes (Axure)

- Create page-level notes
- Add multiple notes if needed
- View Page Notes within the Page Notes panel



# Thumbnail / Screen Flows

- Screenshots are inserted within the phone frame
- Task flows are visually mapped out
- Annotations are beneath each image





# Axure Demo

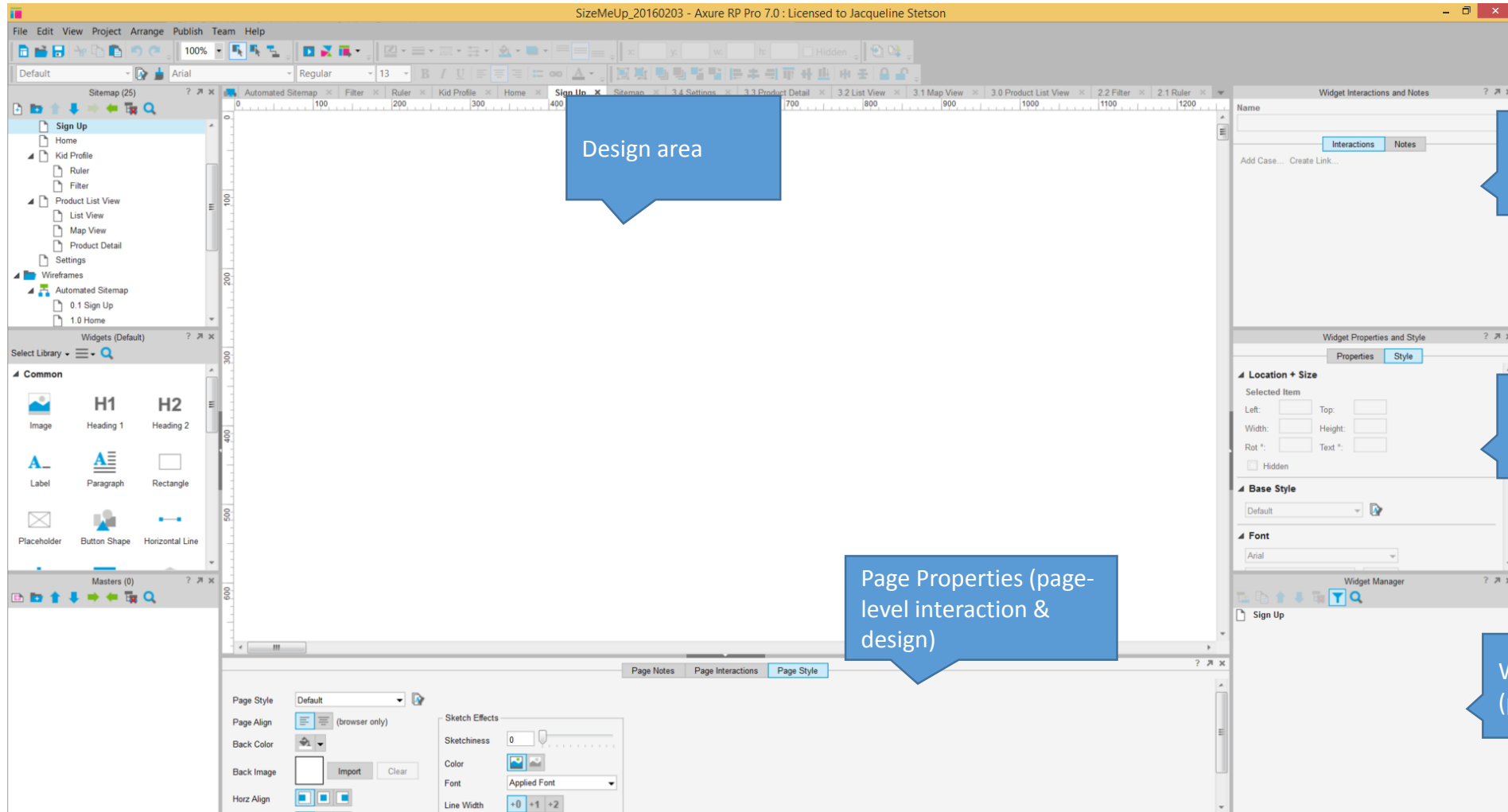
---

# Step 1: Download

---

- Software: <http://www.axure.com/>
- Font Awesome: <http://www.axure.com/c/forum/tips-tricks-examples/8732-font-awesome-widget-library-v7-icon-fonts.html>
- Widgets: <http://www.axure.com/community/widget-libraries>

# Step 2: Review Layout



Sitemap (Page VS Flow)

Design area

Widgets (install or make your own)

Masters (things that repeat)

Page Properties (page-level interaction & design)

Widget Interaction (on-click)

Widget Properties (visual design)

Widget Manager (panel states)

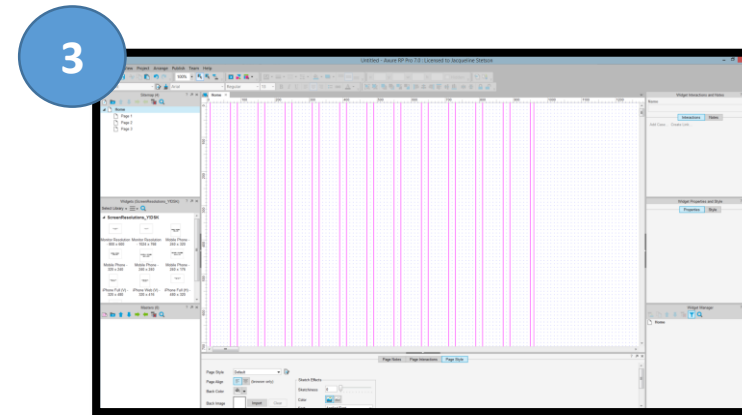
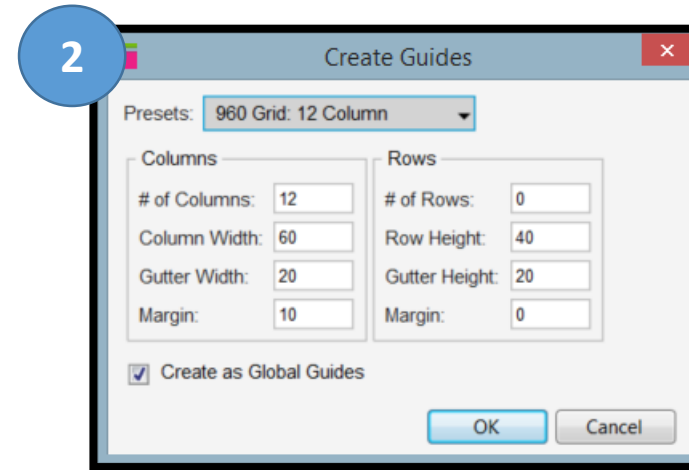
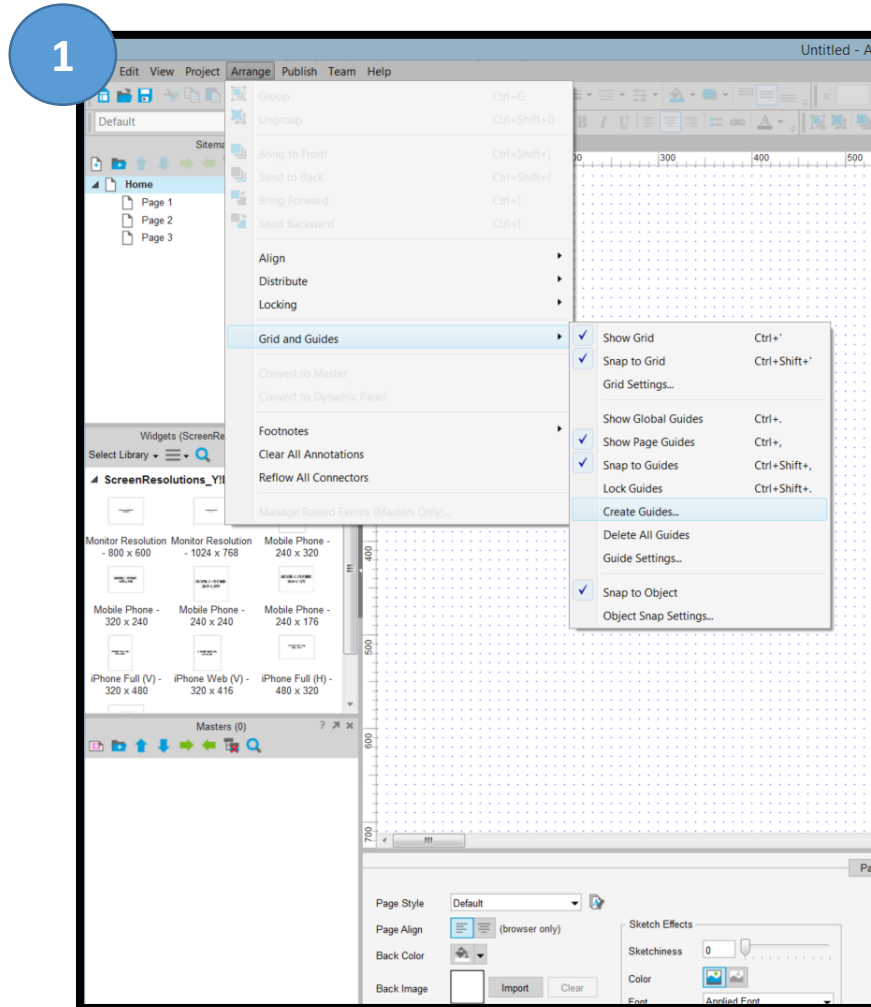
# Step 3: Set Up Your RP File

---

- Save! EX: ProjectName\_20160210.rp
  - It's a good idea to save the date into the filename so you can go back to a previous version.
- Website
  - Guides
  - Adaptive Views
- Mobile App
  - Viewport
  - Tab Bar

# Website - Grids & Guides

Arrange > Grid and Guides > Create Guides > Select Preset

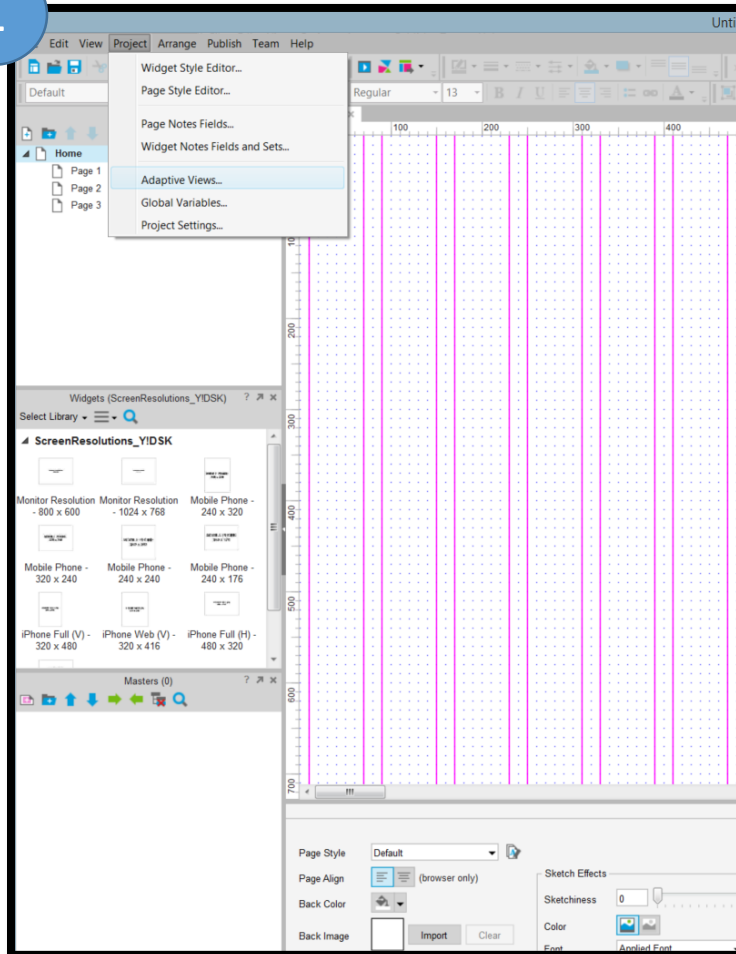


# Website - Adaptive Views

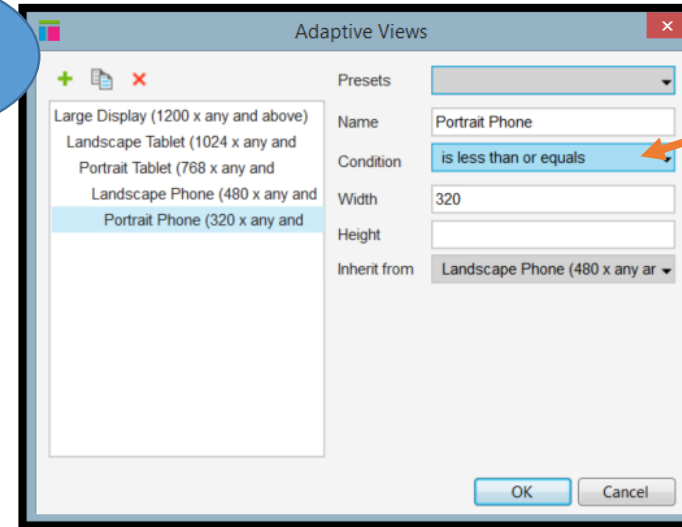
Project > Adaptive Views > “+” > select desired view > build up or down from that view

1

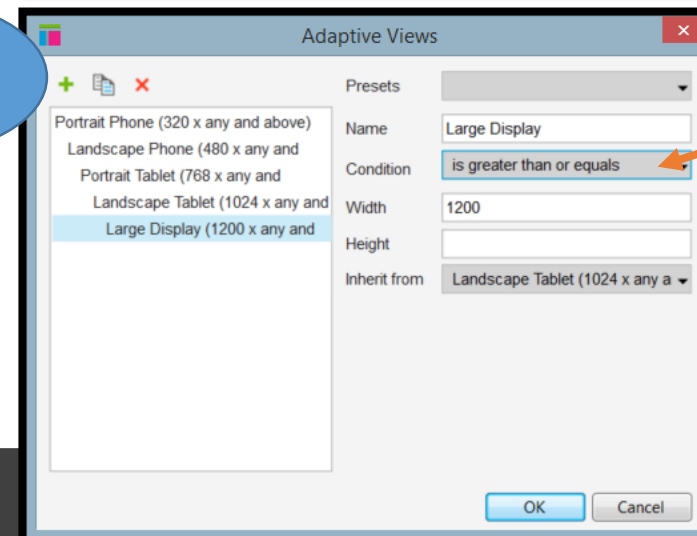
Hint: Do this last  
after your design  
for your default  
resolution is  
complete.



Web  
First



Mobile  
First

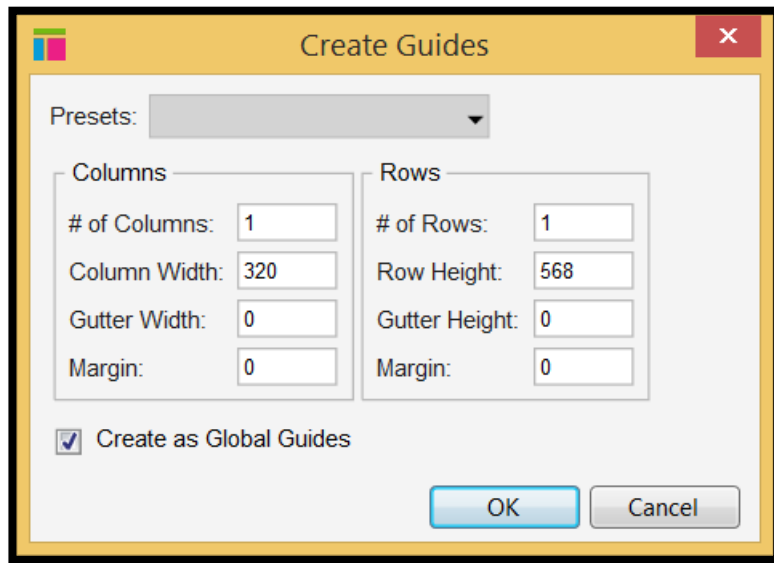


# Mobile App – Create Guides

- Look up resolutions for your default device

<http://www.paintcodeapp.com/news/ultimate-guide-to-iphone-resolutions>

- Create guides (320 x 568 for iPhone 5 & 6)





# Mobile App – Set up viewing

- Publish > Generate HTML Files > Mobile/Device
  - Select “Include Viewport Tag”
  - Select “Hide browser nav”

Generate HTML (HTML 1)

General  
Pages  
Page Notes  
Widget Notes  
Interactions  
Logo  
Web Fonts  
Font Mappings  
**Mobile/Device**  
Advanced  
Discuss

Mobile/Device

☒ Include Viewport Tag

Width (px or device-width)

Height (px or device-height)

Initial Scale (0 - 10.0)

Minimum Scale (0 - 10.0)

Maximum Scale (0 - 10.0)

User Scalable (no or blank)

☐ Prevent vertical page scrolling (blocks elastic scrolling)

☒ Auto detect and link phone numbers (iOS)

Home Screen Icon (recommended 114x114px png)

iOS Splash Screens

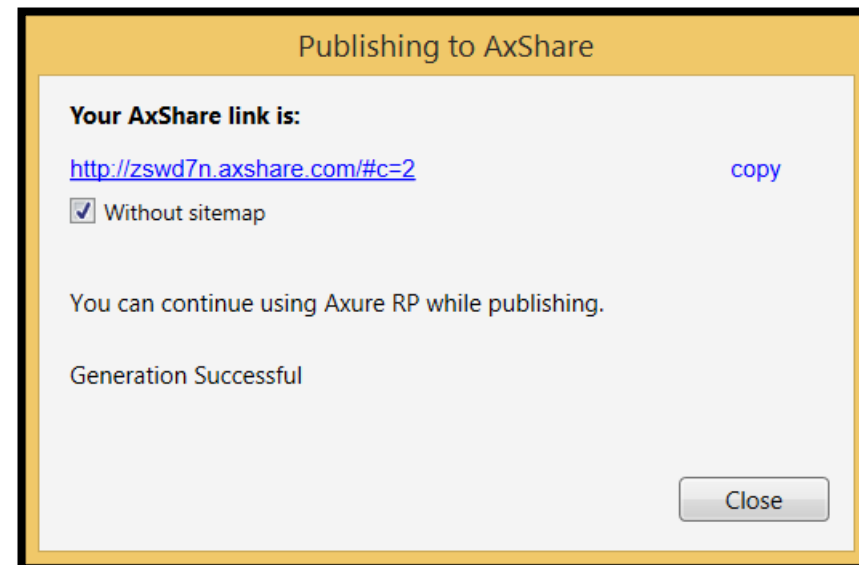
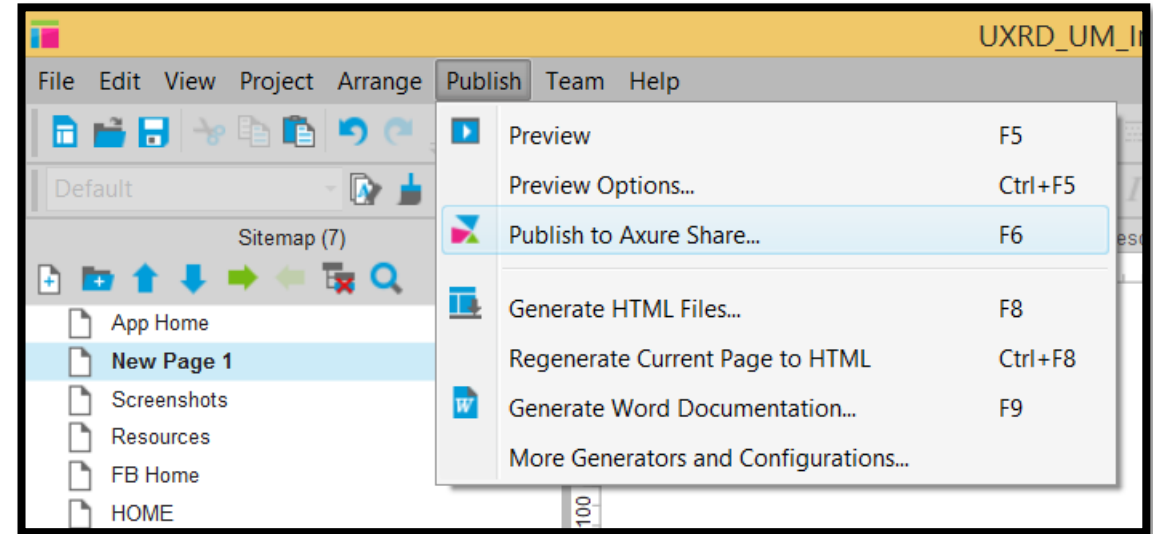
iPhone 320x460px png	iPad Portrait 768x1004px png	iPad Landscape 748x1024px png
<input type="text"/> <input type="button" value="Import"/> <input type="button" value="Remove"/>	<input type="text"/> <input type="button" value="Import"/> <input type="button" value="Remove"/>	<input type="text"/> <input type="button" value="Import"/> <input type="button" value="Remove"/>

☒ Hide browser nav (when launched from iOS home screen)

iOS Status Bar   
(default, black or black-translucent)

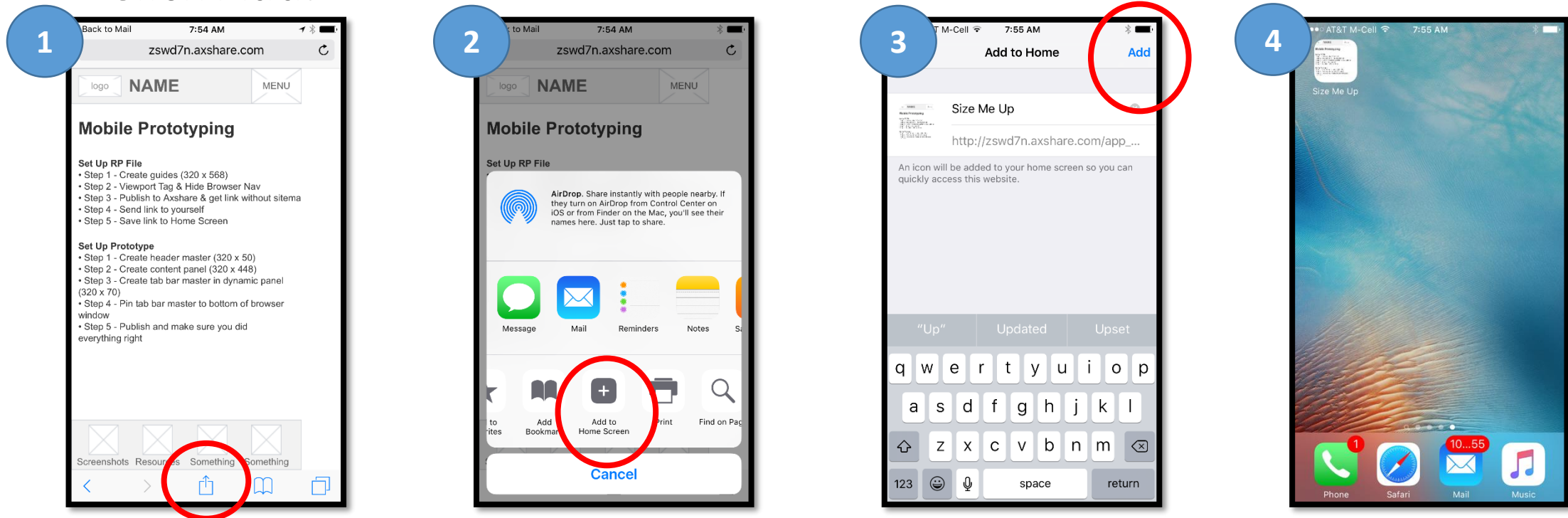
# Mobile App – Get Link

- Publish > Publish to Axure Share
- Copy URL without sitemap
- Email the URL to yourself



# Mobile App – Save to phone

- Open email. Click on link.
- Click share icon in browser.
- Click Add to Home Screen.
- Click Add.



# Set up framework

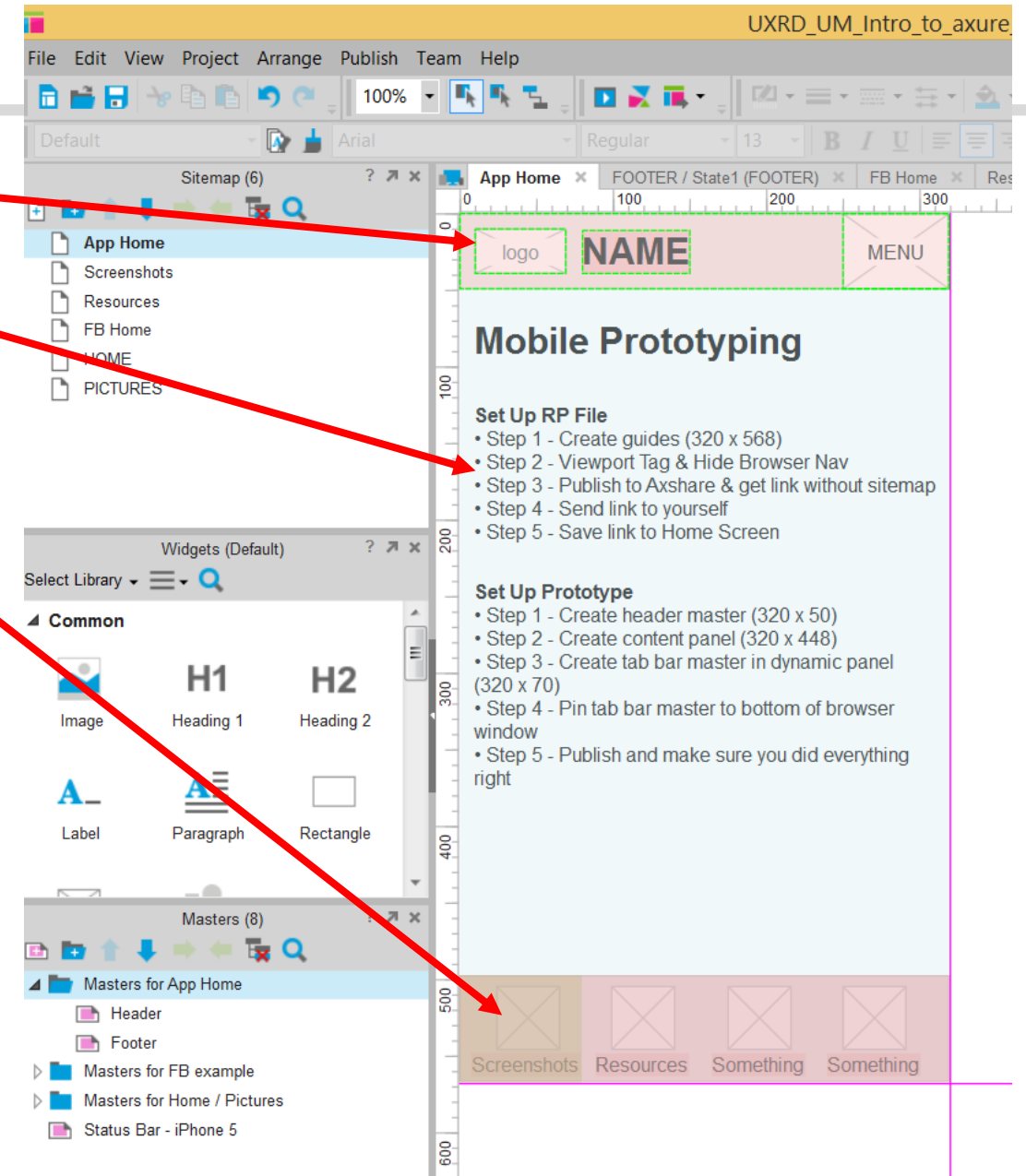
- Create header as a Master (320x50)
- Create content panel (320x448)
- Create tab bar as a Master

## Set Up RP File

- Step 1 - Create guides (320 x 568)
- Step 2 - Viewport Tag & Hide Browser Nav
- Step 3 - Publish to Axshare & get link without sitemap
- Step 4 - Send link to yourself
- Step 5 - Save link to Home Screen

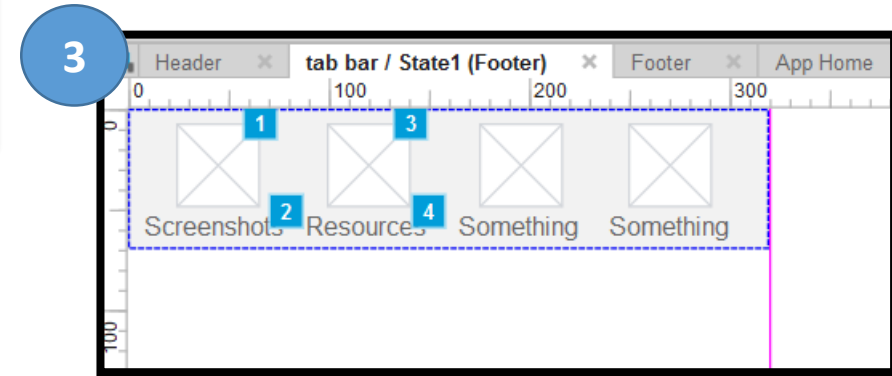
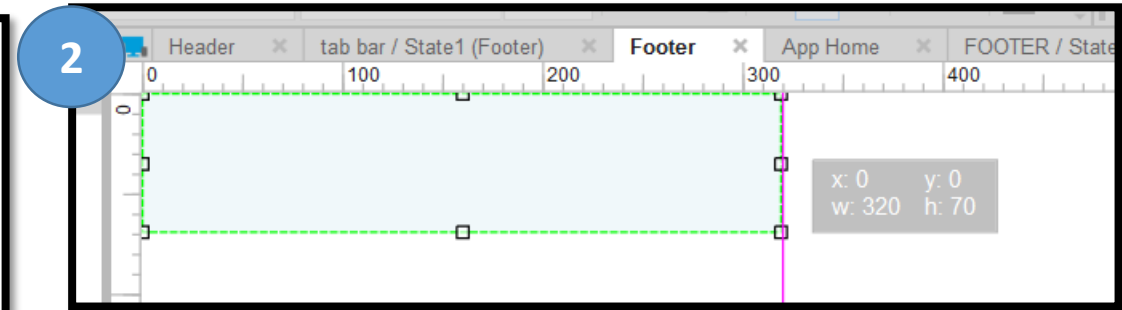
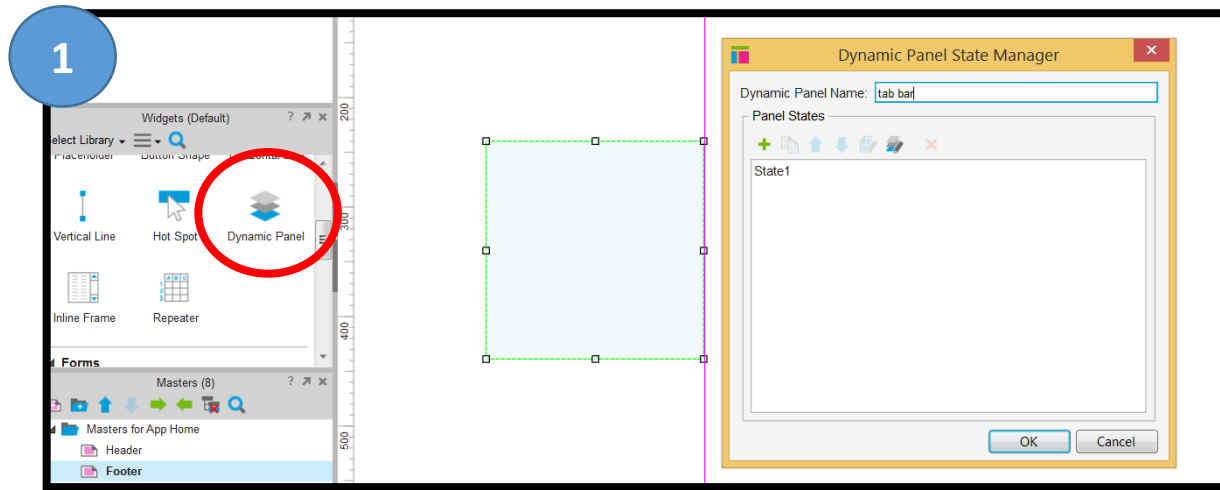
## Set Up Prototype

- Step 1 - Create header master (320 x 50)
- Step 2 - Create content panel (320 x 448)
- Step 3 - Create tab bar master in dynamic panel (320 x 70)
- Step 4 - Pin tab bar master to bottom of browser window
- Step 5 - Publish and make sure you did everything right



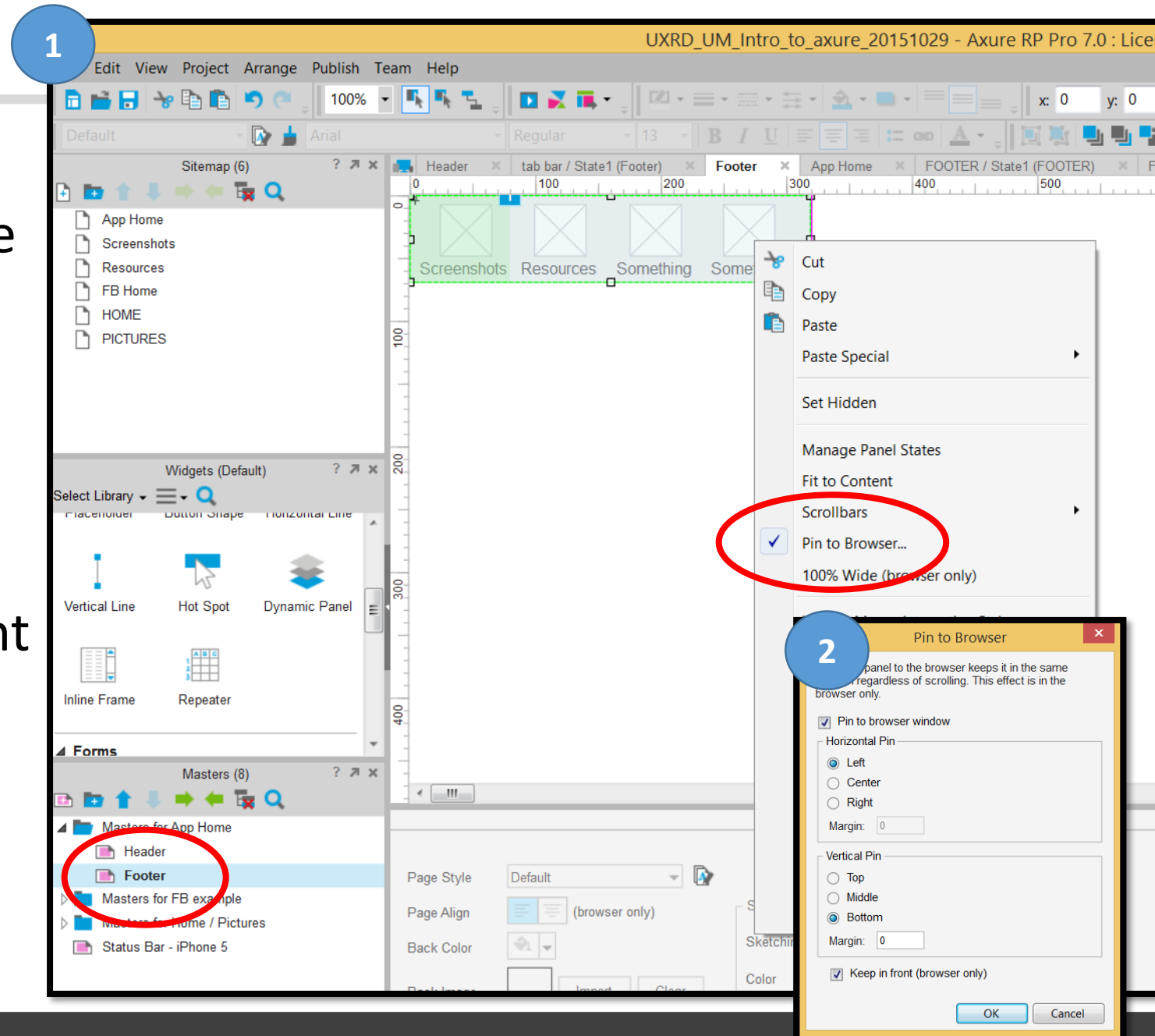
# Create Tab Bar within Dynamic Panel

- Create a dynamic panel called “tab bar” that is (320x70)
- Within State 1, create your tab bar.
- Add on-click links.



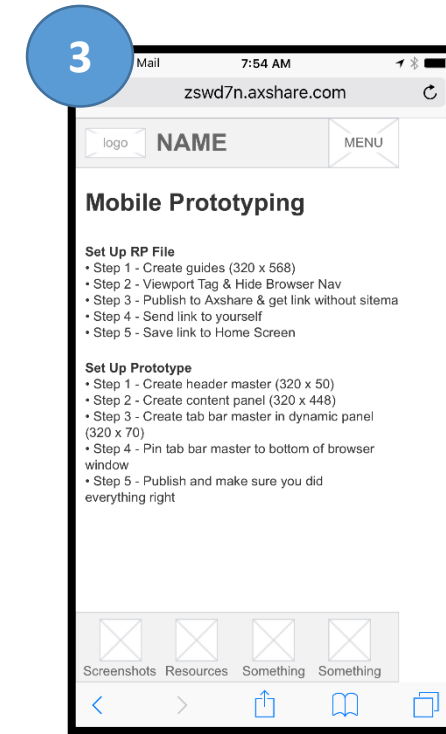
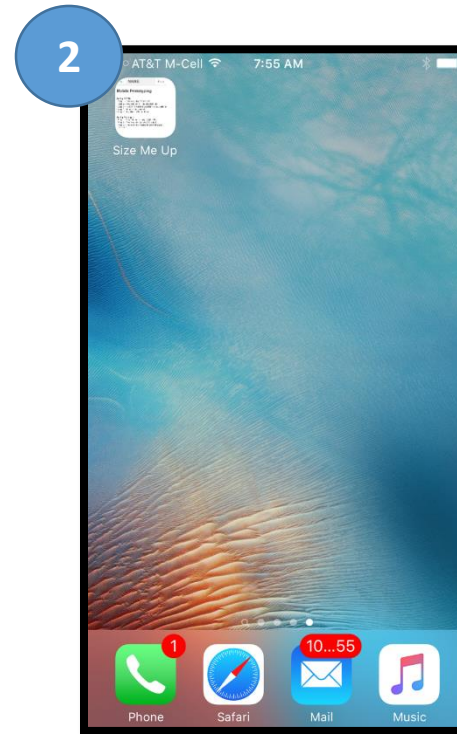
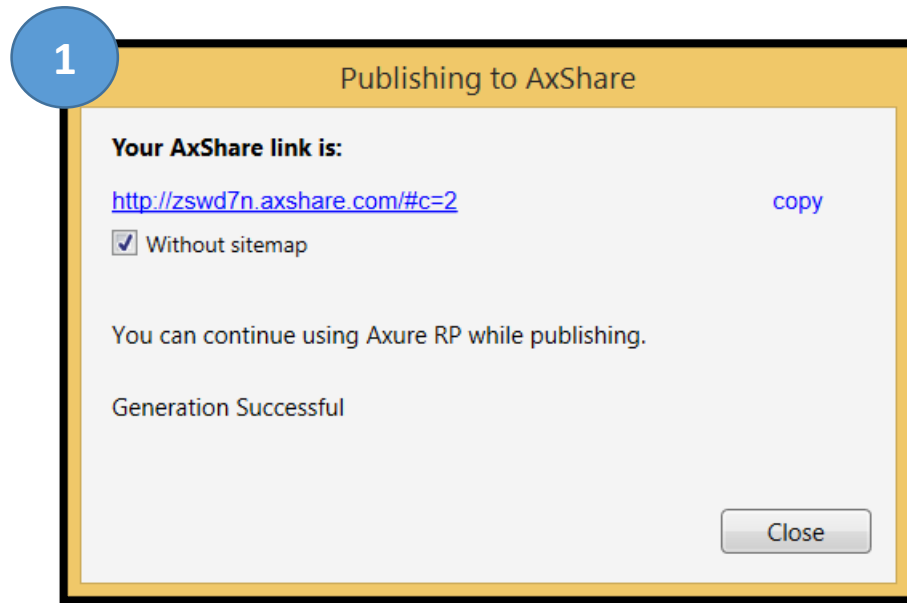
# Pin Tab Bar

- Click on the “Footer” Master in the Masters pane
- Click on the “Tab Bar” dynamic panel
- Right Click
- Select “Pin to Browser”
- Select Bottom, Keep in front



# Dummy Check!

- Publish to AxShare
- Click the shortcut on your phone's home screen
- Click around your prototype







Questions?