Responsive Frontend Development

THIS IS NOT
THE WEB.
Sun
bradfrostweb.com

THIS IS THE WEB.
WEB
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WEB
WEB
bradfrostweb.com

THIS WILL BE THE WEB.
WEB
bradfrostweb.com

Fixed VS Fluid Layouts

- Fixed Layout ?
- Fluid/Elastic Layout ?

Fixed VS Fluid Layouts

- Fixed Layout
  - Many Absolute Pixel Heights/Widths/Margins
- Liquid/Fluid/Elastic Layout
  - Many Percentages, Auto Heights/Widths/Margins

Responsive VS Adaptive

- Responsive?
- Adaptive?

Responsive VS Adaptive

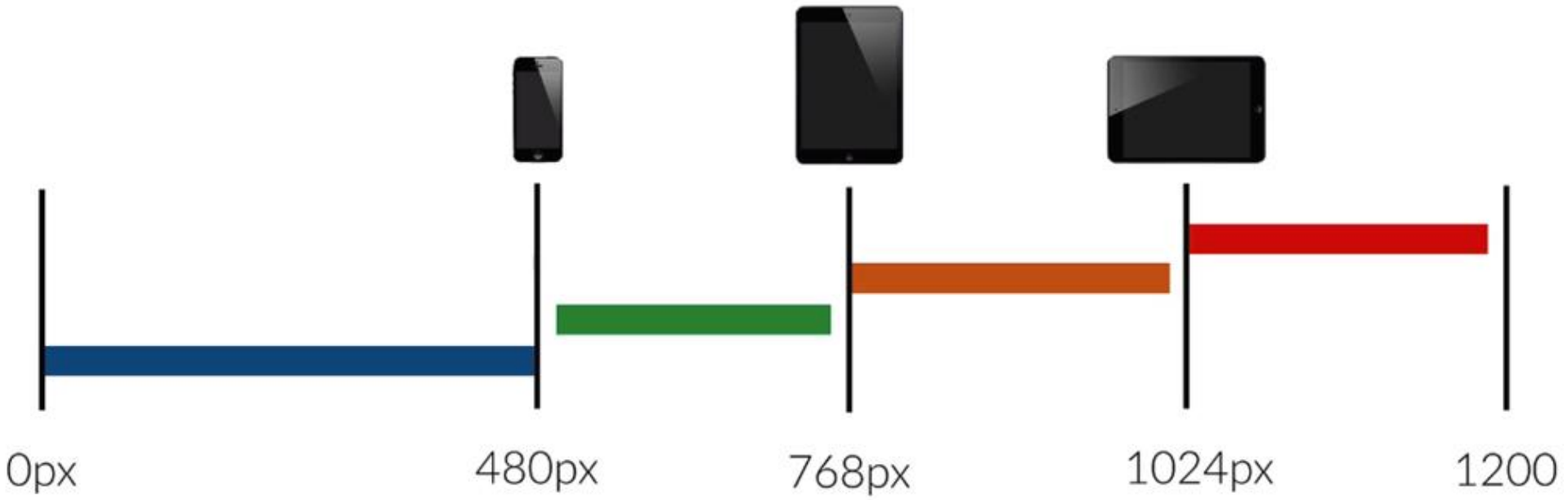
- Responsive
  - One **fluid** Layout for multiple viewport sizes
- Adaptive
  - Multiple **fixed** Layouts for multiple viewport sizes

Responsive Web Development

- Looks great on
  - Mobile devices
  - Desktop devices
- Responsive

  = <u>Different CSS declarations for different browser widths</u>
- Media Query find out, what browser width is being used

MEDIA QUERIES AND BREAKPOINTS



Media Types

Screen:

Desktop, Tablet, Smartphone

Print:

Printed Versions – also print preview of a site

TV:

Television, Smart-TV

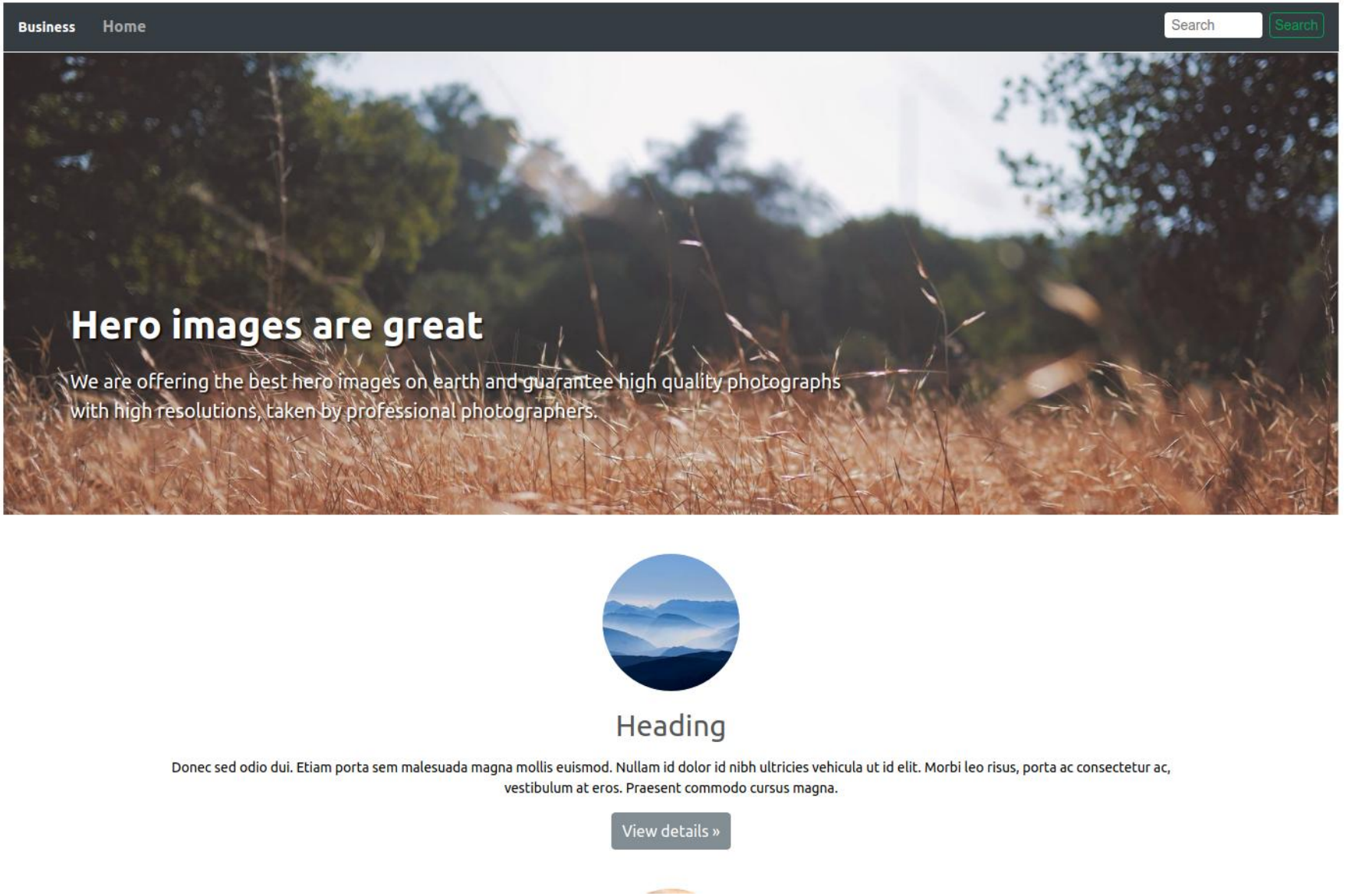
Handheld:

Monochrome Handhelds

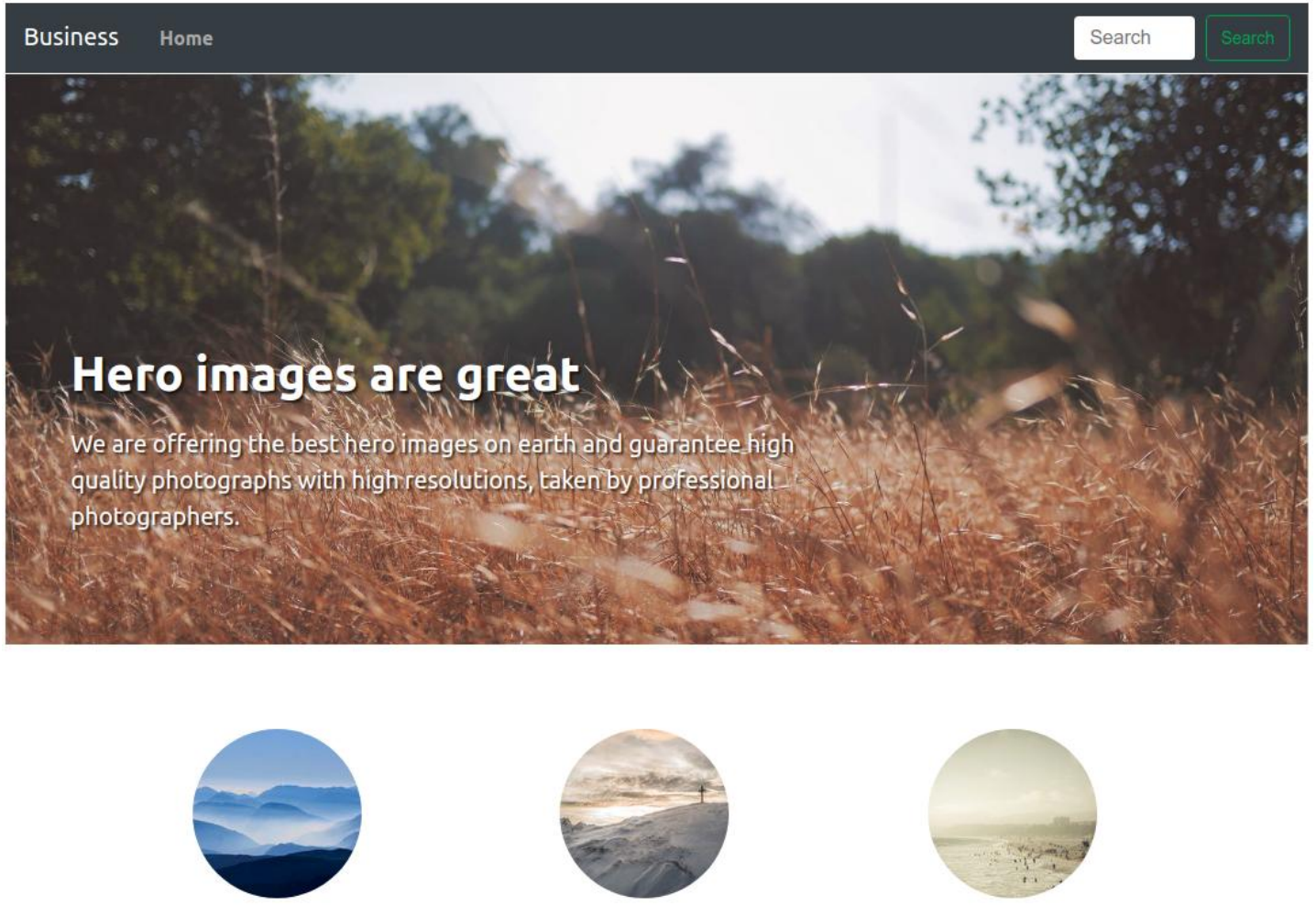
Braille, Embossed

For blind people devices

Task: Make this design responsive



Projections:



Desktop / Big Tablet
(1/2)

Projections:

Desktop / Big Tablet
(2/2)

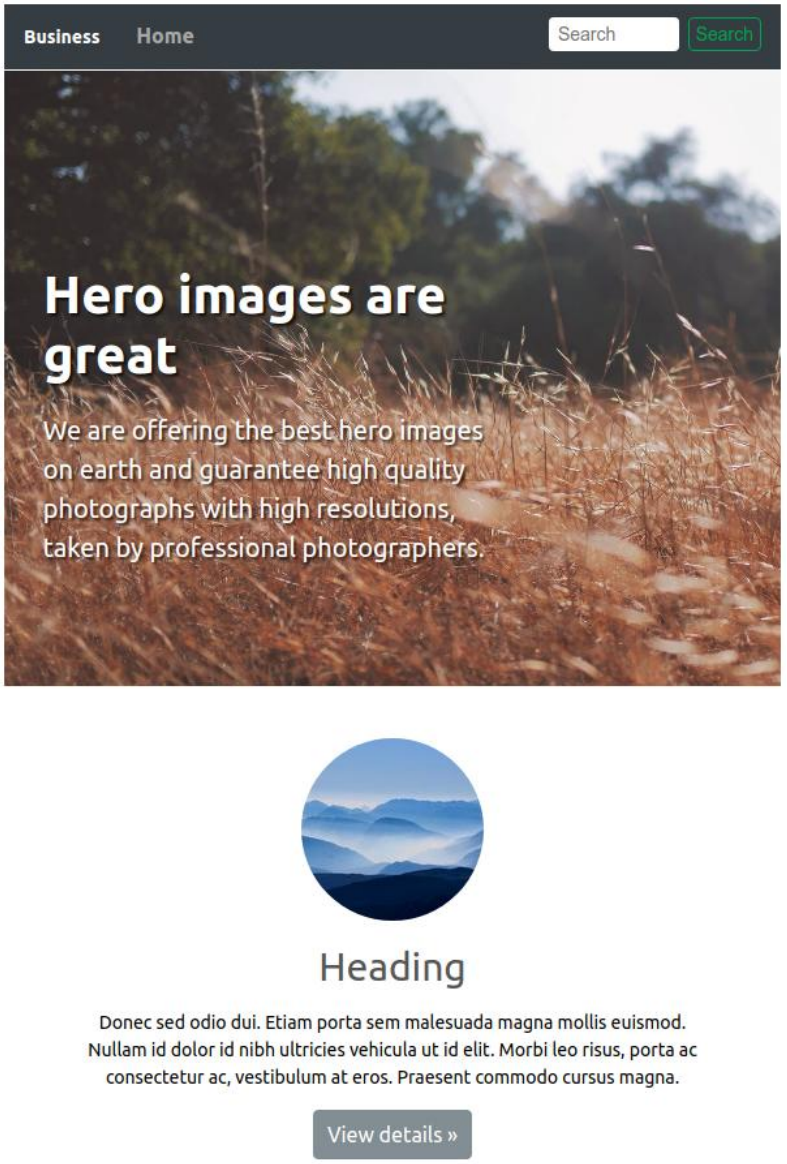
First featurette heading. It'll blow your mind.

Donec ullamcorper nulla non metus auctor fringilla. Vestibulum id ligula porta felis euismod semper. Praesent commodo cursus magna, vel scelerisque nisl consectetur. Fusce dapibus, tellus ac cursus commodo.

Oh yeah, it's that good. See for yourself.

Donec ullamcorper nulla non metus auctor fringilla. Vestibulum id ligula porta felis euismod semper. Praesent

Projections:



Big Phone / Small Tablet (1/2)

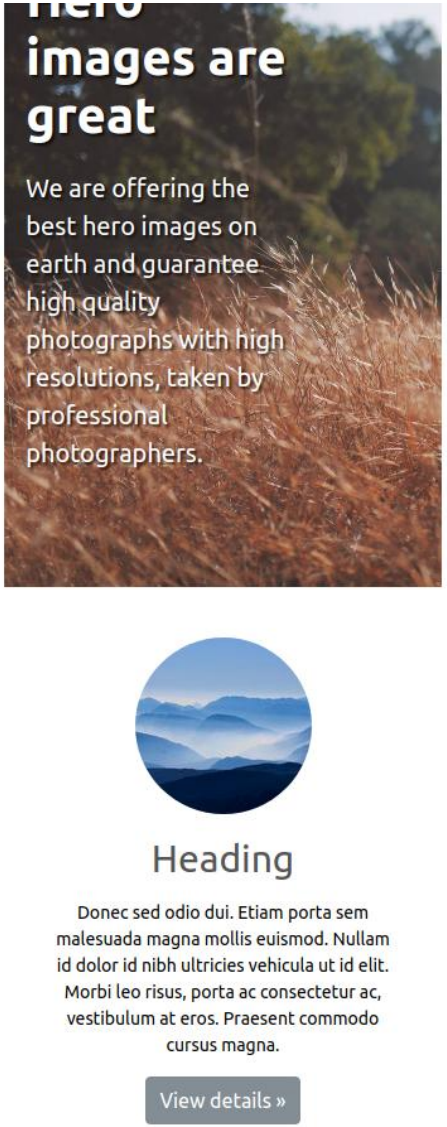
Projections:

First featurette heading. It'll blow your mind.

Donec ullamcorper nulla non metus auctor fringilla. Vestibulum id ligula porta felis euismod semper. Praesent commodo cursus magna, vel scelerisque nisl consectetur. Fusce dapibus, tellus ac cursus commodo.

Big Phone / Small Tablet (2/2)

Projections:



Small Phone (1/2)

Projections:

First featurette heading. It'll blow your mind.

Donec ullamcorper nulla non metus auctor fringilla. Vestibulum id ligula porta felis euismod semper. Praesent commodo cursus magna, vel scelerisque nisl consectetur. Fusce dapibus, tellus ac cursus commodo.

Small Phone (2/2)