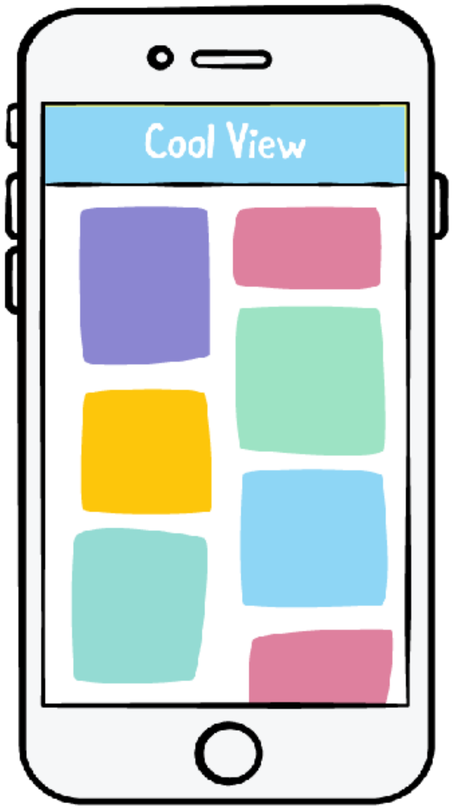
CUSTOM
COLLECTION
VIEW
LAYOUT



Part 11: Mosaic Layout: Cell Content

Carrier
9:15 AM
Red Fire Ant
Not your parents sibling!
This bug spits burning acid!
Obstructed Bear
Does a bear poo in the woods?
It's been days for this grumpy guy!
Zombie Food
Guaranteed to satisfy the most voracious zombie!
Sleepy Cat
He's just not interested.
Daydreaming Crocodile
Constantly stares into the sky!

How we are achieving our results

- Modify the storyboard with label
- Update RoundedCharacterCell class
- Delegate methods return actual heights

```
func AVMakeRect(aspectRatio:insideRect:) -> CGRect
```

  - Returns scaled CGRect maintaining aspect ratio
- Bounding rectangle based on font and size

Xcode Demo

Mosaic Layout Review

- Subclassing UICollectionViewLayout
- Why we chose UICollectionViewLayout
- Custom layout delegate to return heights
- Subclass UICollectionViewLayoutAttributes
- Size cells based on content

Custom Collection View Layouts