

## Tradies Toolbox

### UI Design Requirements

#### General requirements

1. Product name is 'Tradies Toolbox' (no punctuation).
2. Graphics to suit iPhone family (may port to Android later) (note, wireframes shown are from iPhone 4s):
  - a. iPhone 4, 4s [640 x 960 rendered pixels]
  - b. iPhone 5, 5s [640 x 1136 rendered pixels]
  - c. iPhone 6 [750 x 1334 rendered pixels]
  - d. iPhone 6 Plus [1080 x 1920 rendered pixels]
3. The application will only display in portrait view.
4. Each function screen has a Help button and drop down menus, which will use default iOS theme.
5. Consistent look and feel for all screens and branding elements. Interface design should be simple and intuitive (eg, no textured backgrounds, no tacky 3D representations of real tools).

#### Deliverables

6. Application icons:
  - a. Application icons – 180 x 180, 120 x 120
  - b. App Store icon – 1024 x 1024
  - c. Spotlight search results icons – 120 x 120, 80 x 80
  - d. Settings icons – 87 x 87, 58 x 58
7. Launch screen. Displayed when the application is loading. Should blend with main menu screen.
8. Menu screens x 3 (illustrated in wireframes).
9. Function screens x 9 (illustrated in wireframes).
10. Contact Us screen (illustrated in wireframes).

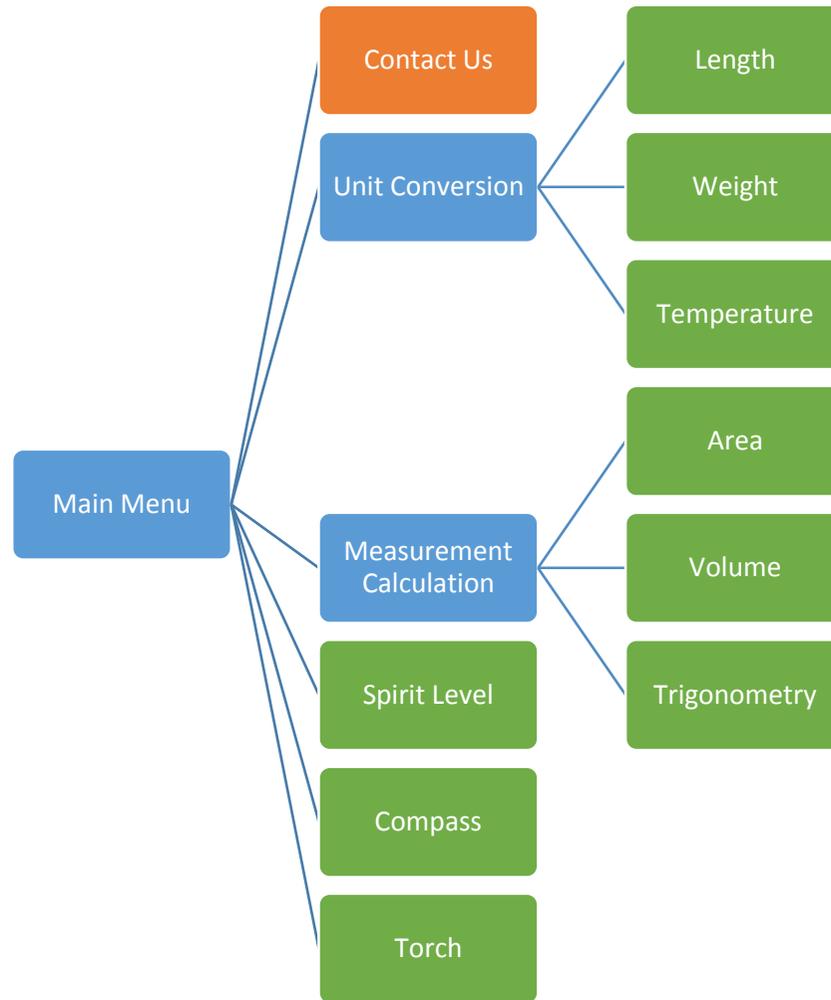
## Screen flow

### Key

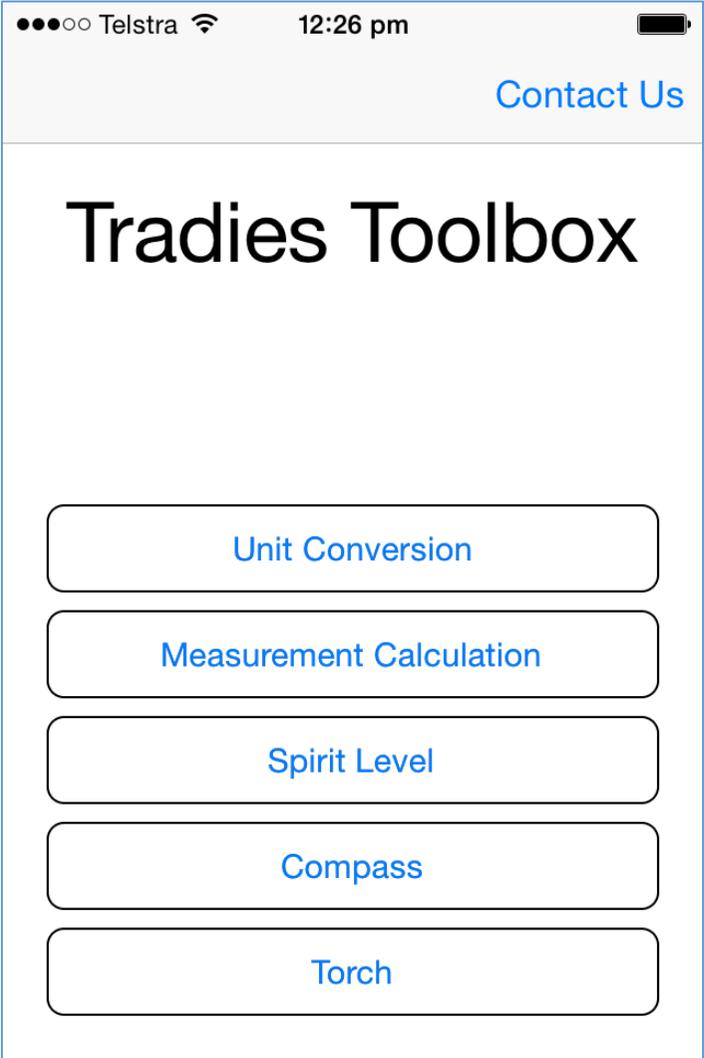
Menu screen

Function screen

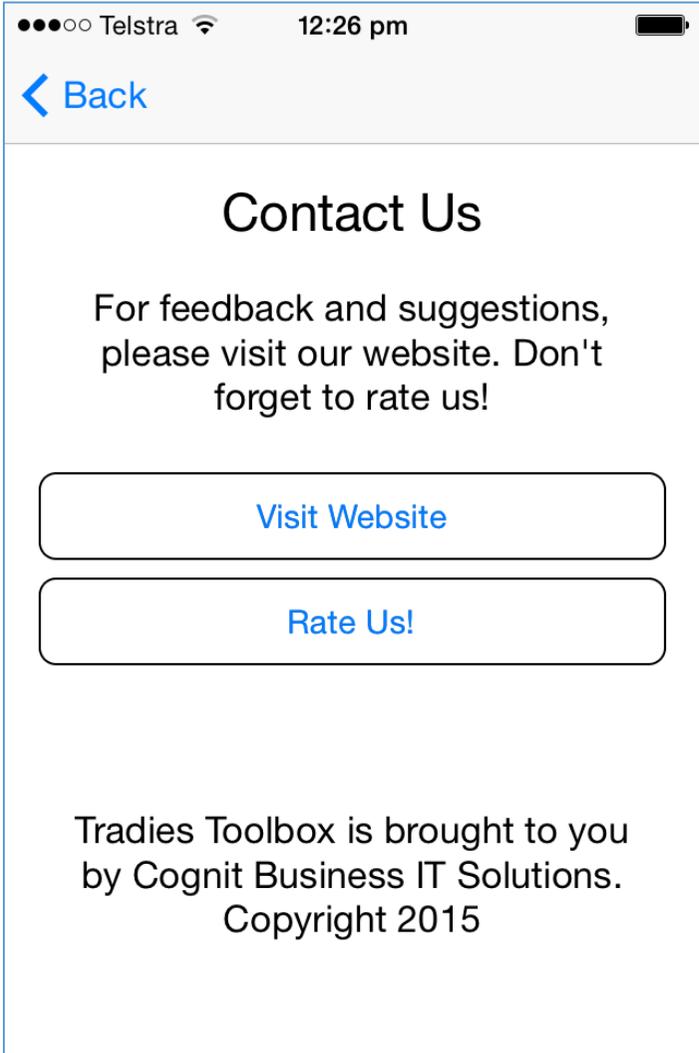
Other



## Main menu screen

Notes	Wireframe
<ul style="list-style-type: none"><li>11. Application title as the brand logo.</li><li>12. Buttons will have text labels, but can have background image.</li><li>13. Default navigation bar theme (Contact Us)</li></ul>	 <p>The wireframe shows a mobile application screen for 'Tradies Toolbox'. At the top, there is a status bar with signal strength, the carrier 'Telstra', Wi-Fi, and the time '12:26 pm'. A 'Contact Us' link is positioned in the top right corner. The main title 'Tradies Toolbox' is centered on the screen. Below the title, there are five stacked buttons, each with a blue text label: 'Unit Conversion', 'Measurement Calculation', 'Spirit Level', 'Compass', and 'Torch'.</p>

## Contact Us screen

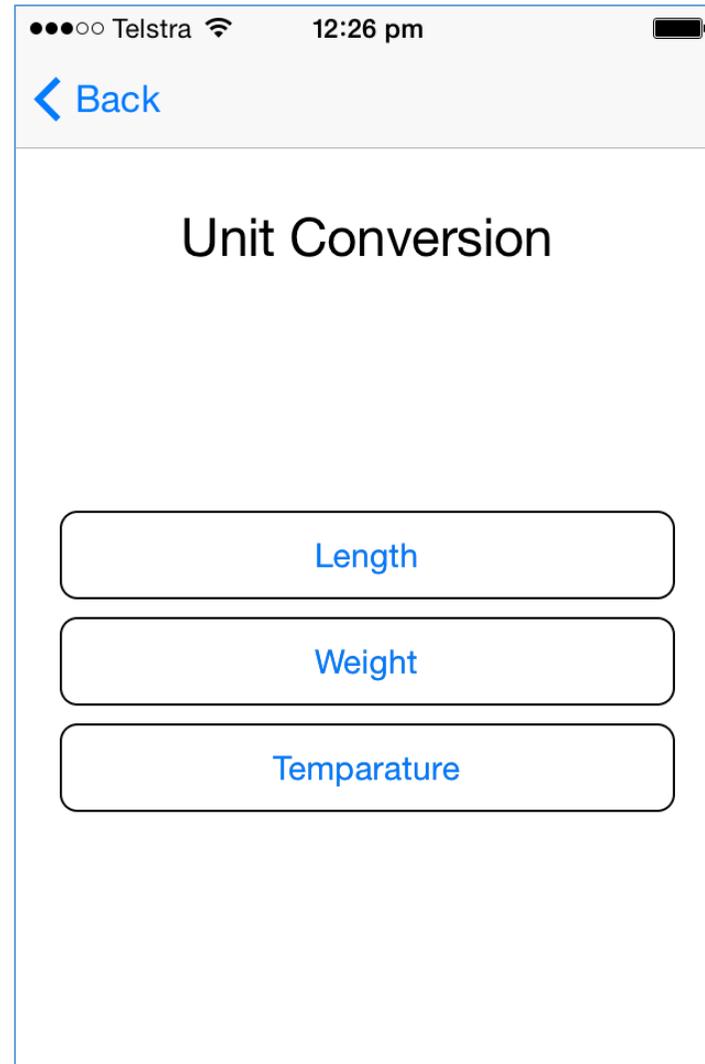
Notes	Wireframe
<ul style="list-style-type: none"><li>14. 'Contact Us' heading can be image or text label.</li><li>15. Other text will be text labels.</li><li>16. Buttons will have text labels, but can have background image.</li><li>17. Default navigation bar theme (Back).</li><li>18. Cognit Business IT Solutions branding optional</li></ul>  <p>The logo for Cognit Business IT Solutions features a stylized orange and grey circular graphic on the left, followed by the word 'cognit' in a bold, lowercase sans-serif font, and 'Business IT Solutions' in a smaller, uppercase sans-serif font below it.</p>	 <p>The wireframe shows a mobile app screen with a status bar at the top displaying 'Telstra', signal strength, Wi-Fi, and the time '12:26 pm'. A blue back arrow and the text 'Back' are in the top left. The main heading is 'Contact Us'. Below it is the text: 'For feedback and suggestions, please visit our website. Don't forget to rate us!'. There are two rounded rectangular buttons: 'Visit Website' and 'Rate Us!'. At the bottom, it says: 'Tradies Toolbox is brought to you by Cognit Business IT Solutions. Copyright 2015'.</p>

## Unit Conversion menu screen

### Notes

19. 'Unit Conversion' heading can be image or text label.
20. Buttons will have text labels, but can have background image.
21. Default navigation bar theme (Back).

### Wireframe

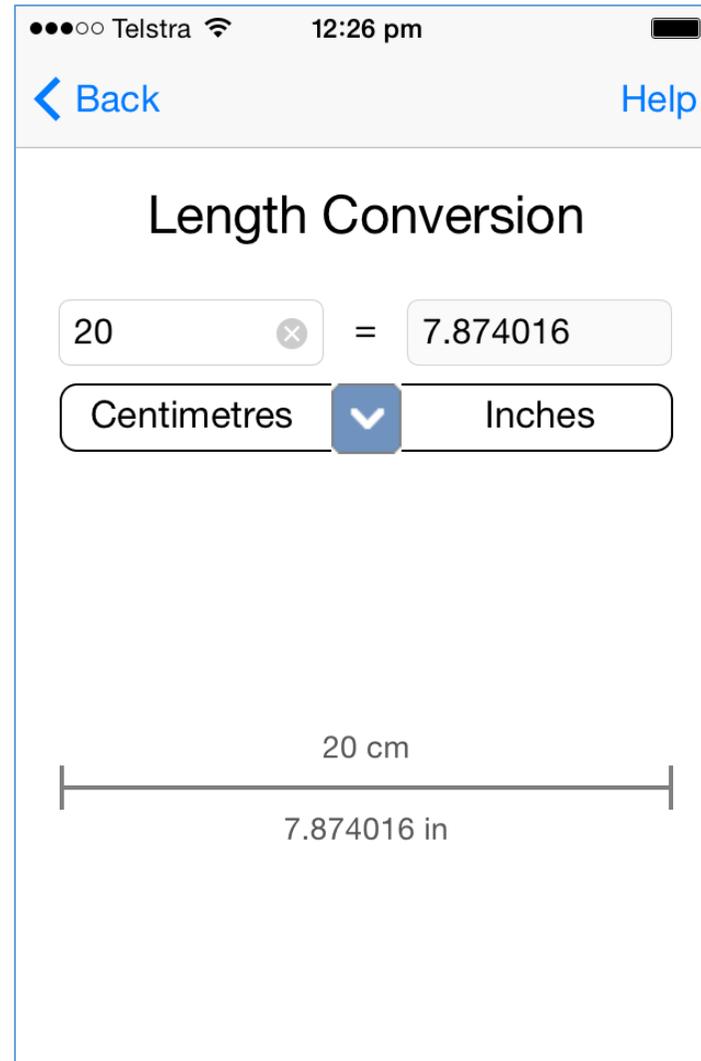


## Length Conversion function screen

### Notes

- 22. 'Length Conversion' heading can be image or text label.
- 23. Buttons will have text labels, but can have background image.
- 24. Length bar is static image with overlaid text labels.
- 25. Default navigation bar theme (Back, Help).

### Wireframe

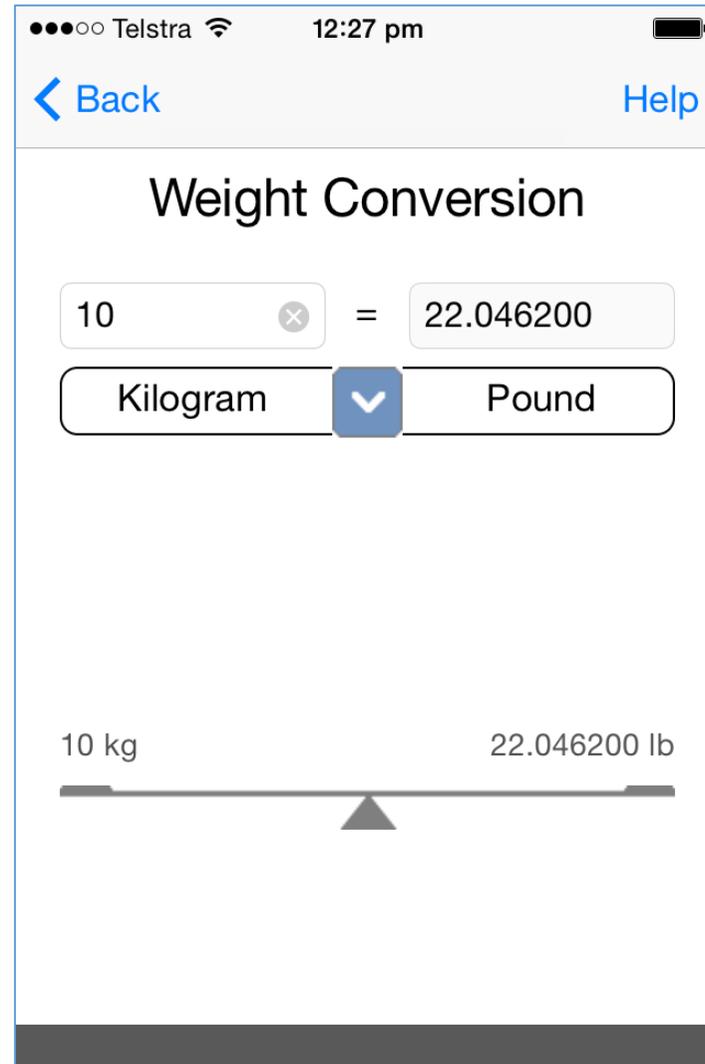


## Weight Conversion function screen

### Notes

- 26. 'Weight Conversion' heading can be image or text label.
- 27. Buttons will have text labels, but can have background image.
- 28. Weight scale is static image with overlaid text labels.
- 29. Default navigation bar theme (Back, Help).

### Wireframe

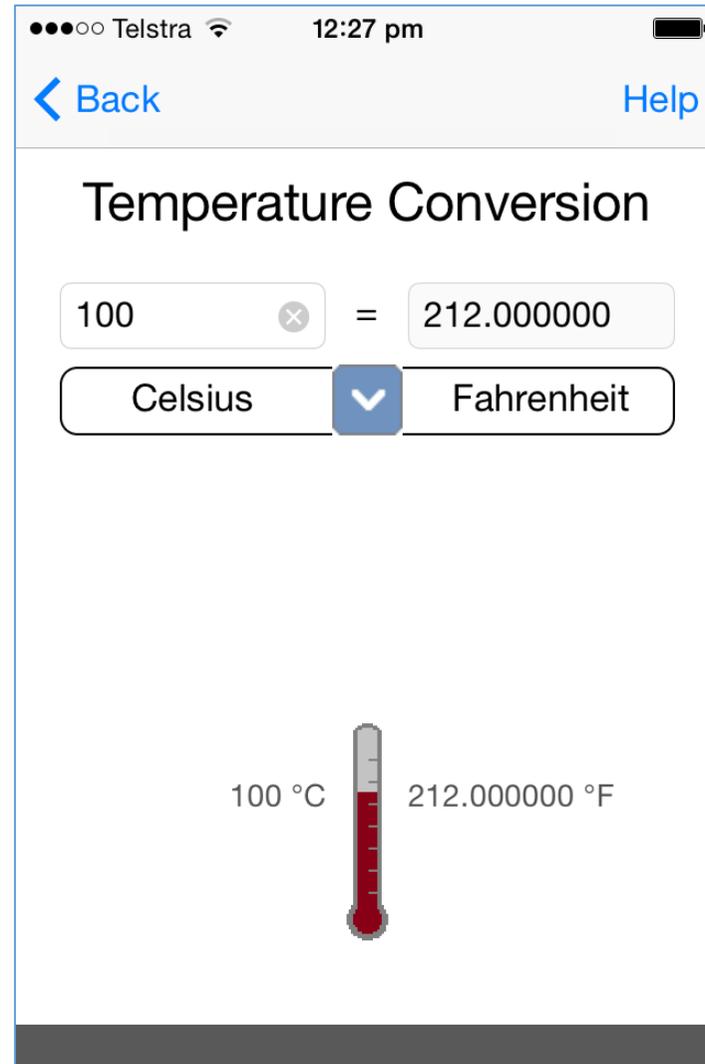


## Temperature Conversion function screen

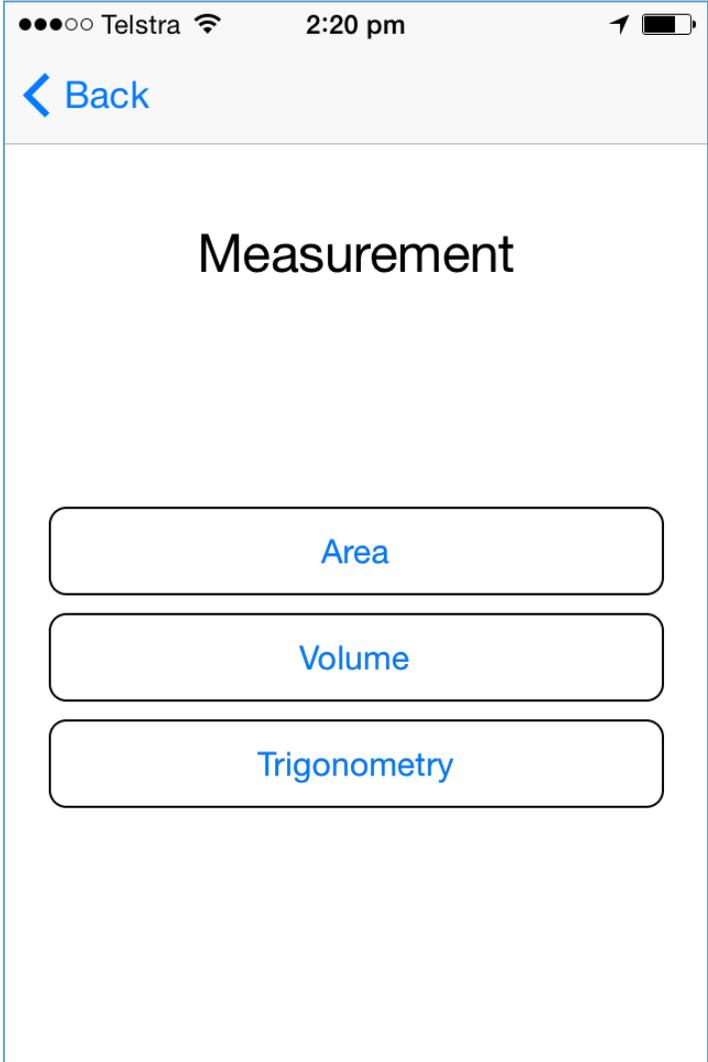
### Notes

30. 'Temperature Conversion' heading can be image or text label.
31. Buttons will have text labels, but can have background image.
32. Thermometer is static image with overlaid text labels.
33. Default navigation bar theme (Back, Help).

### Wireframe



## Measurement Calculation menu screen

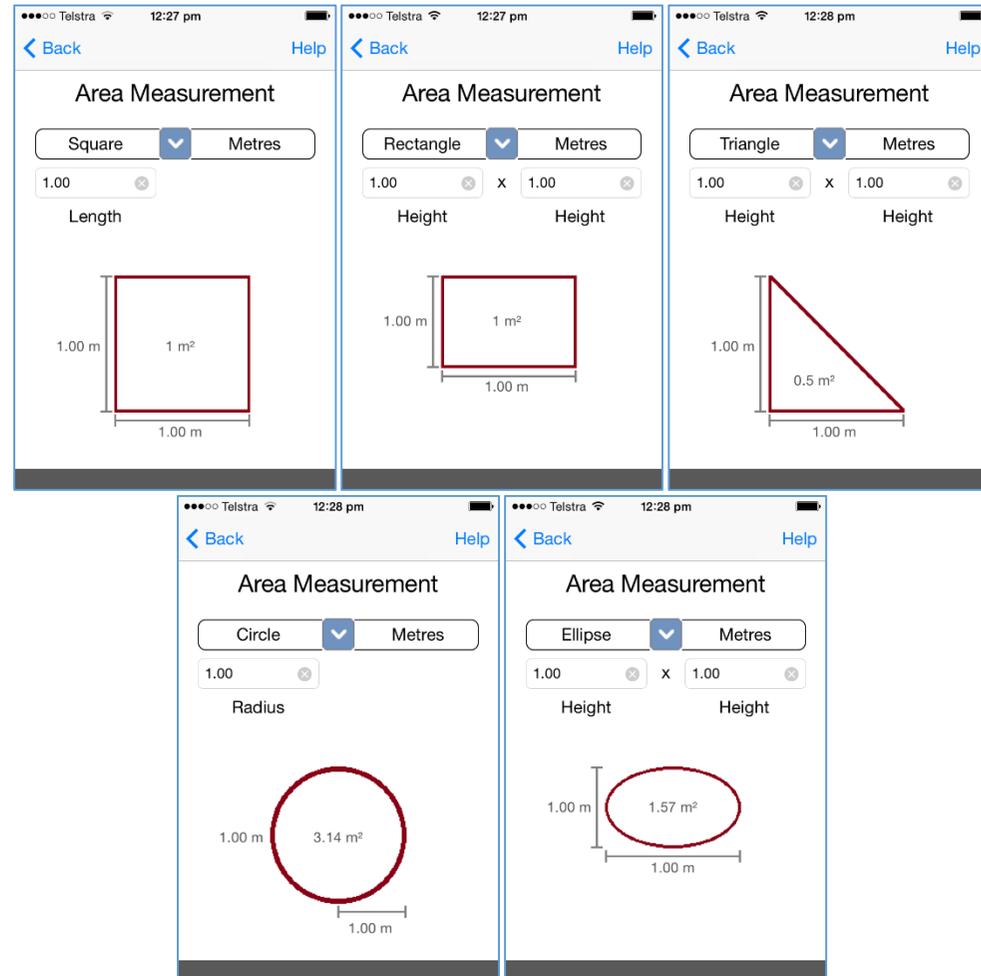
Notes	Wireframe
<ul style="list-style-type: none"><li>34. 'Measurement' heading can be image or text label.</li><li>35. Buttons will have text labels, but can have background image.</li><li>36. Default navigation bar theme (Back).</li></ul>	 <p>The wireframe shows a mobile application screen for a 'Measurement' menu. At the top, there is a status bar with 'Telstra' as the carrier, a Wi-Fi icon, the time '2:20 pm', and a battery icon. Below the status bar is a navigation bar with a blue back arrow and the text 'Back'. The main content area features the heading 'Measurement' in a large, black, sans-serif font. Below the heading are three vertically stacked, rounded rectangular buttons with black outlines and blue text. The buttons are labeled 'Area', 'Volume', and 'Trigonometry' from top to bottom.</p>

## Area Measurement function screen

### Notes

37. 'Area Measurement' heading can be image or text label.
38. Buttons will have text labels, but can have background image.
39. Input labels (Length, Height, Width, Radius) are text labels.
40. Shape is static image (matches the shape selected) with overlaid text labels:
  - a. Square
  - b. Rectangle
  - c. Triangle
  - d. Circle
  - e. Ellipse
41. Default navigation bar theme (Back, Help).

### Wireframe

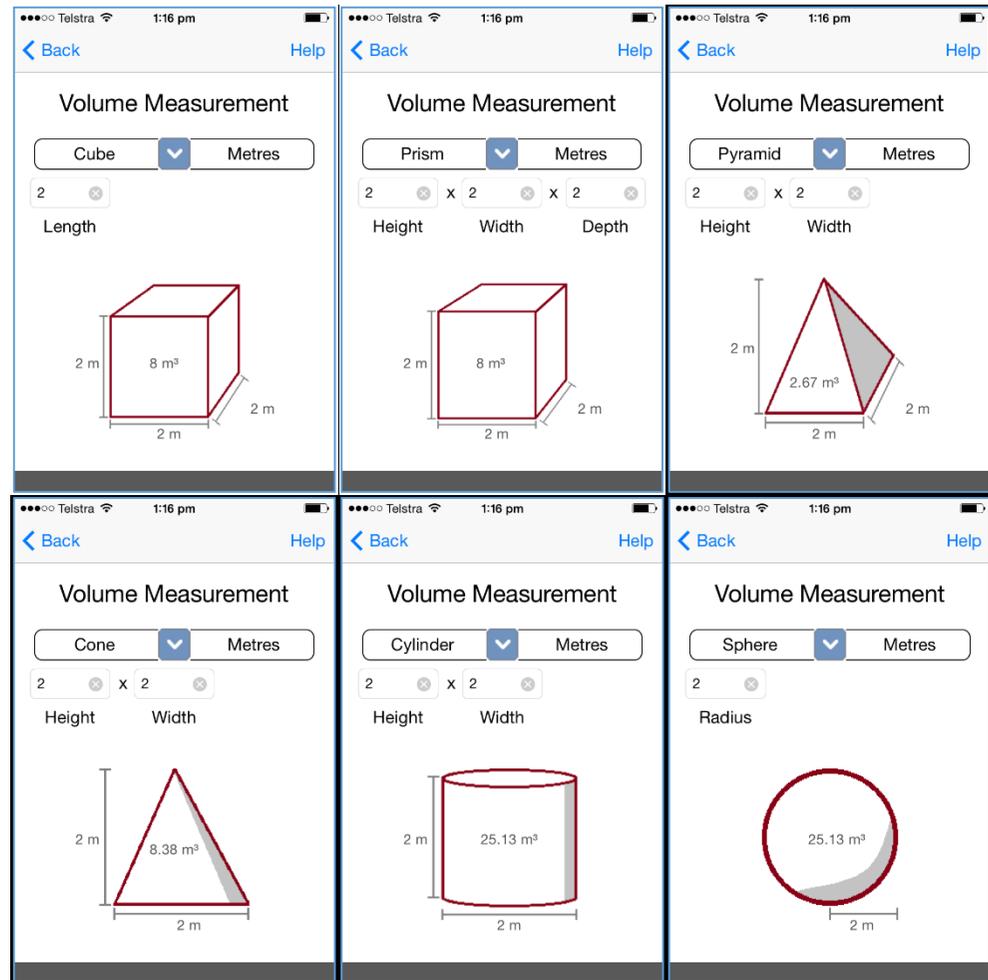


## Volume Measurement function screen

### Notes

42. 'Volume Measurement' heading can be image or text label.
43. Buttons will have text labels, but can have background image.
44. Input labels (Length, Height, Width, Radius) are text labels.
45. Shape is static image (matches the shape selected) with overlaid text labels:
  - a. Cube
  - b. Prism
  - c. Pyramid
  - d. Cone
  - e. Cylinder
  - f. Sphere
46. Default navigation bar theme (Back, Help).

### Wireframe

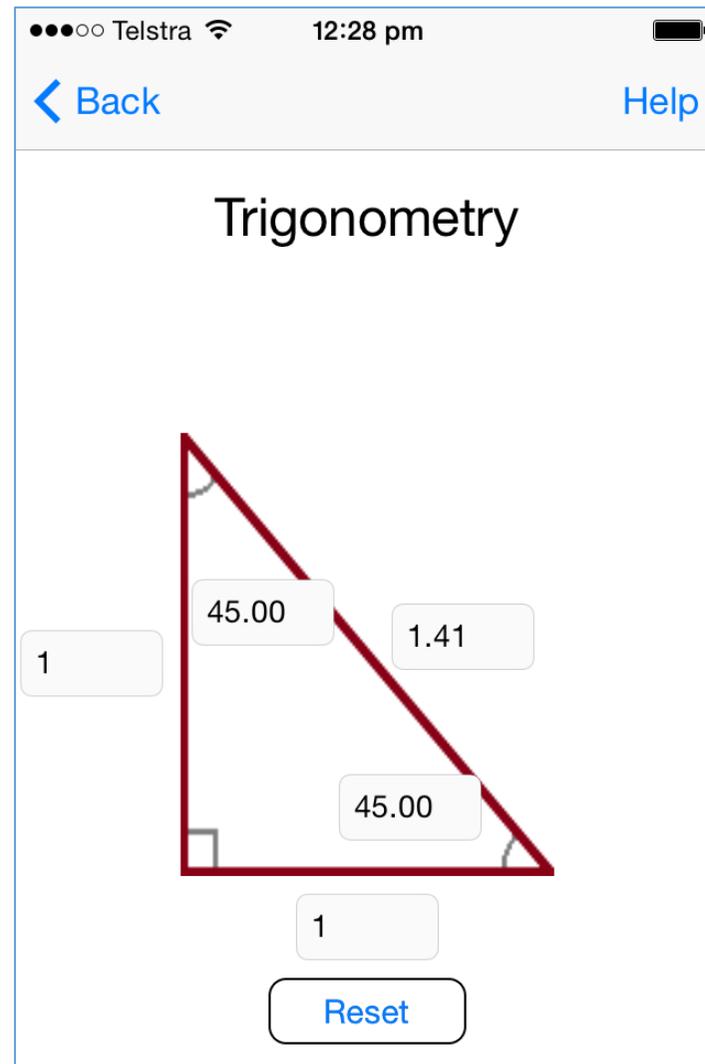


## Trigonometry function screen

### Notes

- 47. 'Trigonometry' heading can be image or text label.
- 48. Reset button will have text labels, but can have background image.
- 49. Triangle is static image with overlaid text input boxes.
- 50. Default navigation bar theme (Back, Help).

### Wireframe

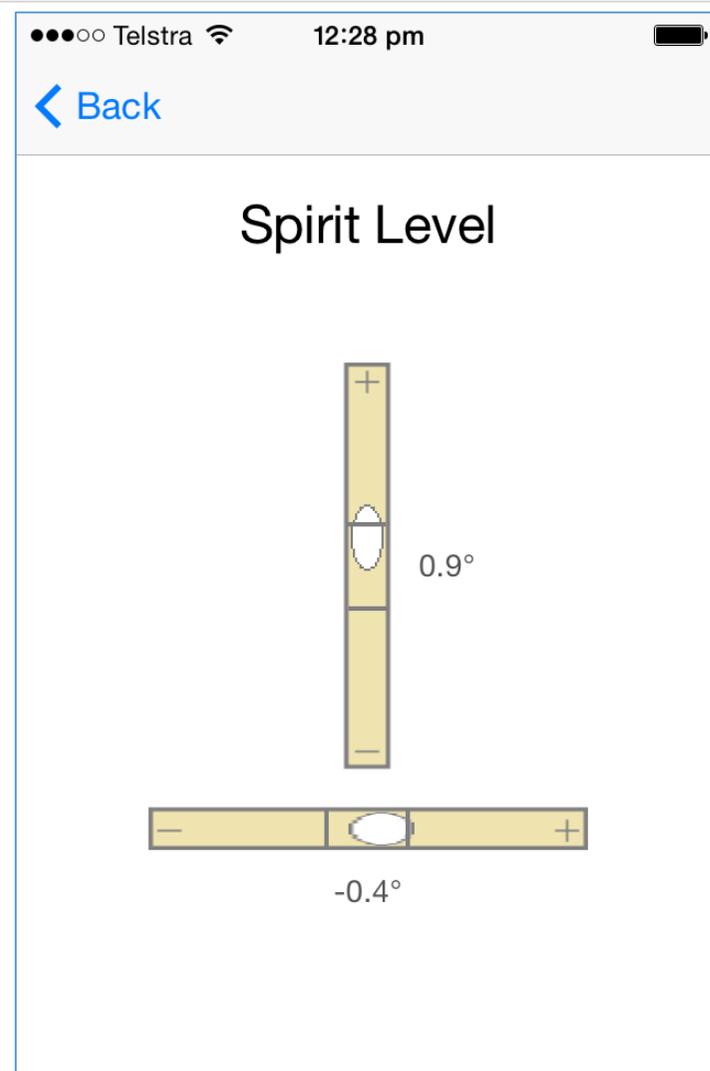


## Spirit Level function screen

### Notes

1. 'Spirit Level' heading can be image or text label.
2. The vertical and horizontal spirit level images each consist of 3 layered image components:
  - a. [back] Main spirit level bar
  - b. [mid] Bubble (position changes according to angle value)
  - c. [font] Centre bars appear in front of bubble (has transparency)
3. Default navigation bar theme (Back).

### Wireframe

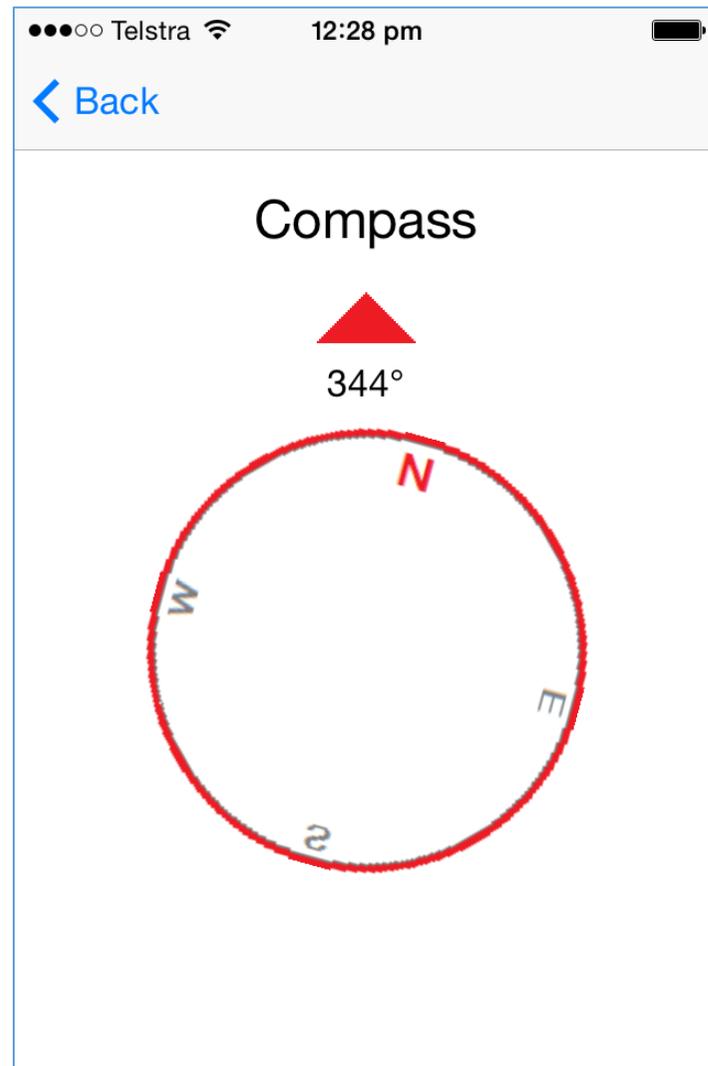


## Compass function screen

### Notes

1. 'Compass' heading can be image or text label.
2. Main compass image rotates according to device heading.
3. Default navigation bar theme (Back).

### Wireframe



## Torch function screen

### Notes

1. 'Torch' heading can be image or text label.
2. Power buttons is image. Text label (on, off) is optional.
3. Default navigation bar theme (Back).

### Wireframe

