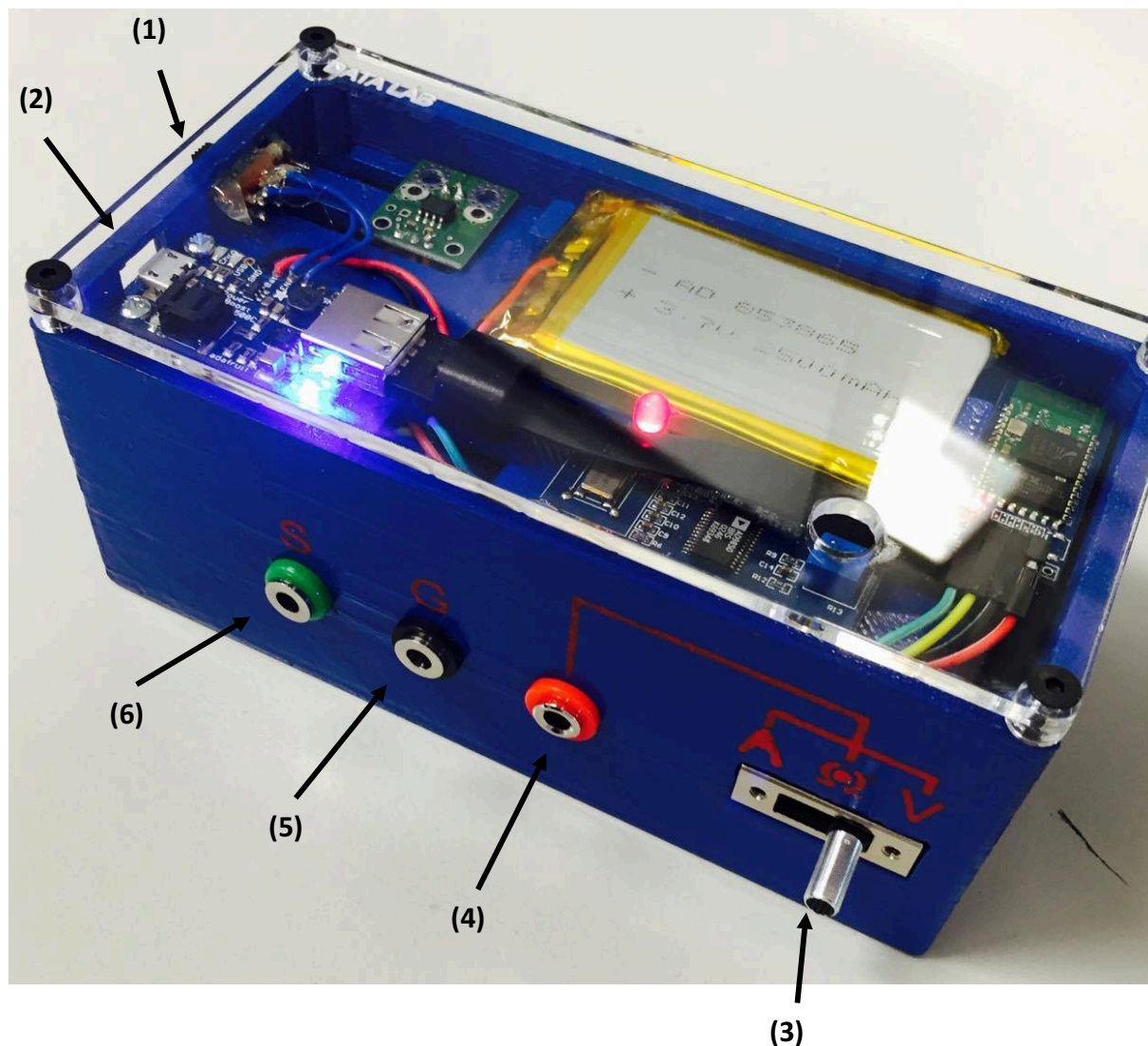
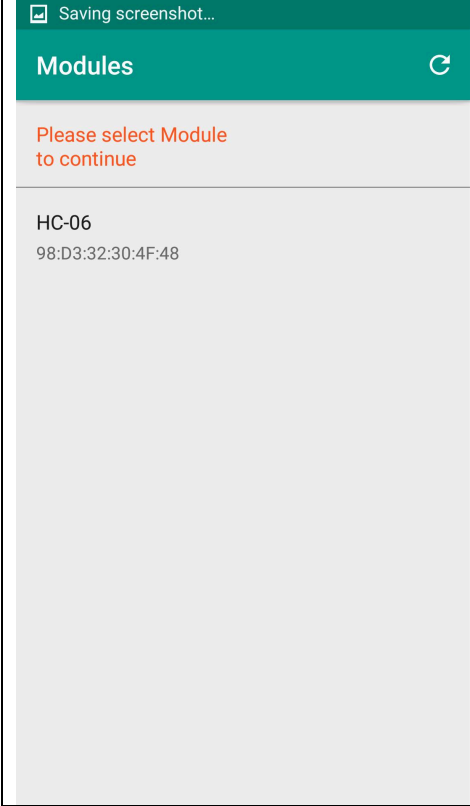
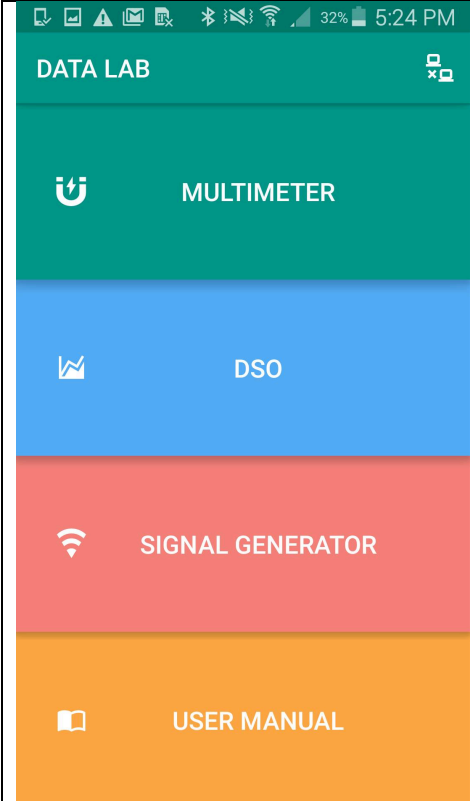



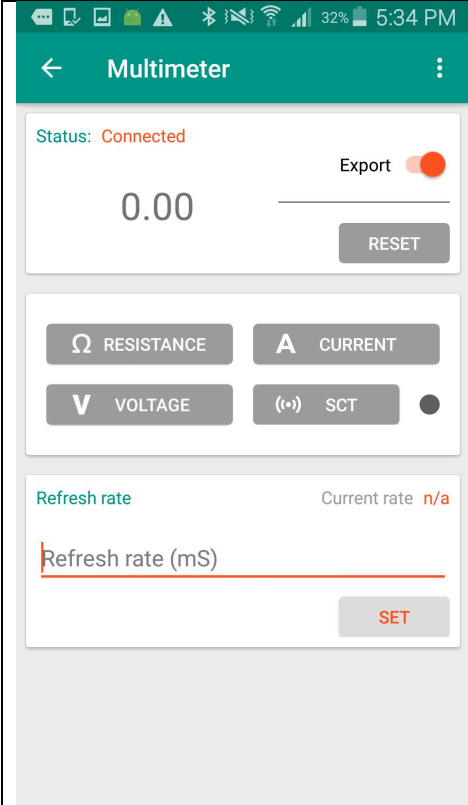
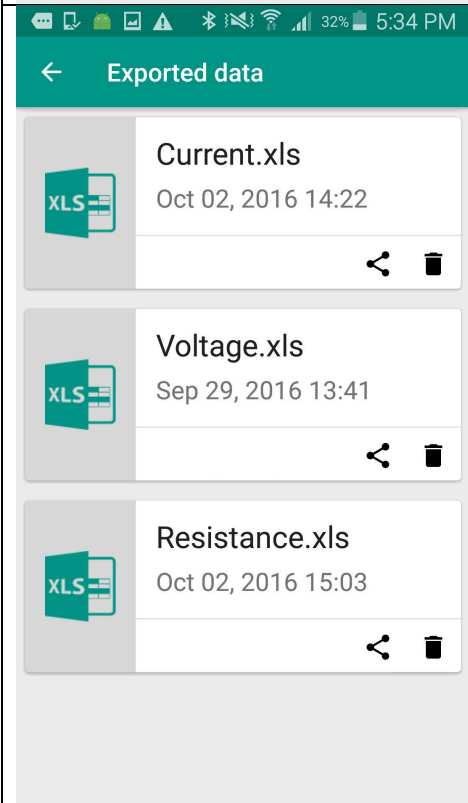
DATA LAB

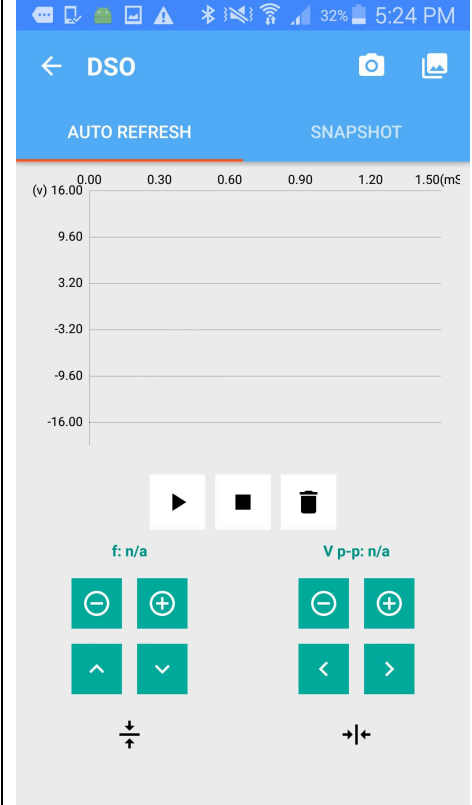
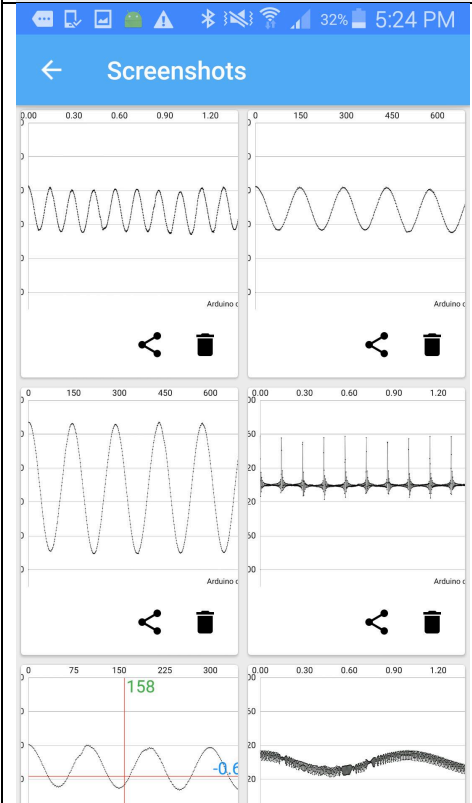
User Manual

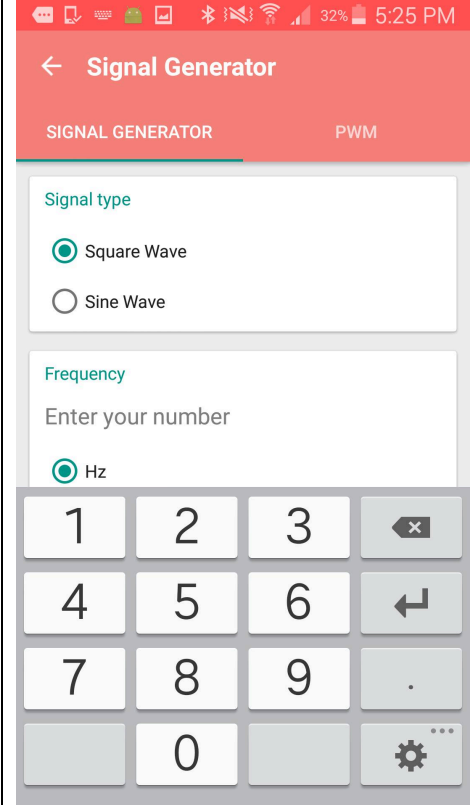
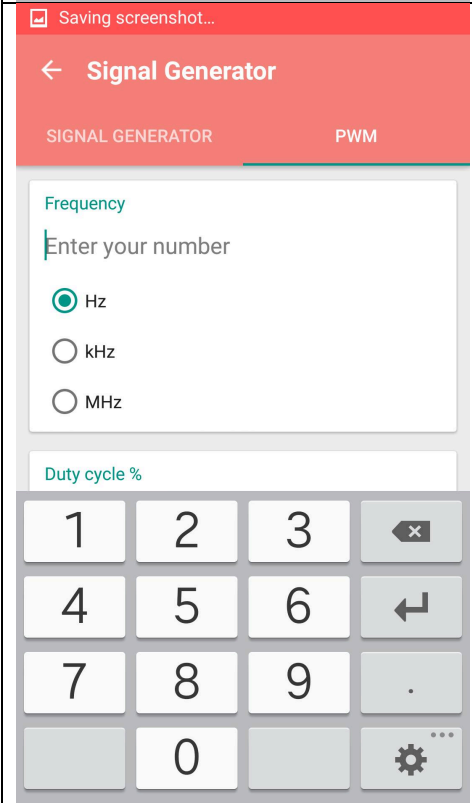


- 1) On/Off switch
- 2) Micro-USB Charging port
- 3) DMM switch to select between:
 - a. Voltage (V)
 - b. Resistance (Ω)
 - c. Current (A)
- 4) DMM probe
- 5) Ground probe
- 6) Signal Generator probe

	<p>Select the DATA LAB module from the discoverable devices list to connect via Bluetooth.</p>
	<p><u>Main Menu</u></p> <p>Select between</p> <ul style="list-style-type: none"> • Multimeter • DSO • Signal Generator <p>Access User Manual</p> <p>Disconnect from the DATA LAB module </p>

	<h3><u>Multimeter Screen</u></h3> <p>Select between</p> <ul style="list-style-type: none"> • Voltage • Resistance • Current • Short Circuit Test (SCT) <p>Set Refresh Rate</p> <p>Enable Data Export</p>
	<h3><u>Exported Data Screen</u></h3> <p>Access and view Exported data on Excel</p> <p>Share Exported data files via DropBox & Google Drive</p>

	<h2><u>DSO</u></h2> <p>Plot waveforms in real time</p> <p>Additional functionality</p> <ul style="list-style-type: none"> • Pause plotting • Clear graph area • Zoom in/out both X & Y axis • Move the plot area • X & Y Trace • Screenshot graph <p>Displays <i>frequency</i> and <i>Vp-p</i></p>
	<h2><u>DSO Gallery</u></h2> <p>View/delete all the DSO graph screenshots</p> <p>Share the DSO plots via DropBox & Google Drive</p>

	<h2><u>Signal Generator</u></h2> <p>Select between</p> <ul style="list-style-type: none"> • Square wave • Sine wave <p>Enter any frequency up to 1MHz</p>
	<h2><u>PWM</u></h2> <p>Enter any frequency up to 1MHz</p> <p>Enter a Duty Cycle from 0-100%</p>