# List of Figures

Figure 2.1 flying camera (page 5)

Figure 2.2 Mega Spy Copter Camera 3.5CH RC Helicopter (page 6)

Figure 2.3 Nixie (page 8)

Figure 2.4 Lily camera (page 9)

Figure 3.1 Functional Diagram (page 10)

Figure 3.2 Flow Chart Diagram (page 11)

Figure 3.3 Context Diagram (page 12)

Figure 3.4 Data flow Diagram (page 13)

Figure 3.5 DFD for process 2 (page 14)

Figure 3.6 Sequence Diagram (page 15)

Figure 3.7 use-case Diagram (page 16)

Figure 4.1 plane first sketch (page 18)

Figure 4.2 blades sketch (page 19)

Figure 4.3 final Horizontal view of helicopter (page19)

Figure 4.4 final vertical view of helicopter (page 20)

Figure 4.5 sketch of helicopter (page 20)

Figure 4.6 final view of helicopter (page 21)

Figure 4.7 Design of controlling system (page 22)

Figure 5.1 First Snapshot (page 23)

Figure 5.2 Main Motor (page 23)

Figure 5.3 Side Snapshot (page 24)

Figure 5.4 Tail View (page 25)

Figure 5.5 Tail Gear (page 25)

Figure 5.6 View of Camera (page 26)

Figure 5.7 Microscope Camera (page 26)

Figure 5.8 UNO (page 27)

Figure 5.9 MDD10A (page 28)

Figure 5.10 L9110 (page 28)

Figure 5.11 Bluetooth Module (page 29)

Figure 5.12 S2 Mobile Phone (page 30)

Figure 5.13 AWG 16A (page 30)

Figure 5.14 OTG Cable (page 31)

Figure 5.15 Lithium polymer battery (page 31)

Figure 5.16 VNC Droid (page 32)

Figure 5.17 Bluetooth spp pro (page 34)

Figure 5.18 start button (page 35)

Figure 5.19 up button (page 35)

Figure 5.20 Max button (page 36)

Figure 5.21 landing button (page 36)

Figure 5.22 right button (page 37)

Figure 5.23 Left button (page 37)

Figure 5.24 Stop button (page 38)

Figure 5.25 Forward button (page 38)

Figure 5.26 Backward button (page 39)

Figure 5.27 Flight time (page 39)

Figure 5.28 Battery calculates (page 40)

Figure 6.1 Turnigy helidrive sk3 Motor (page 44)

Figure 6.2 Power bank battery (page 45)

Figure 6.3 Dc to dc converter step up volt (page 46)

Figure 6.4 Metal gear axis (page 46)