

List of Figures

Figure 1	Basic components of SHMS	9
Figure 1	System architecture	11
Figure 3	Temperature sensor	13
Figure 4	Heart Rate Sensor	13
Figure 5	Arduino Uno	14
Figure 6	EKG/EMG shield	15
Figure 7	Bluetooth module	15
Figure 8	Bluetooth module with arduino uno	15
Figure 9	Arduino with temperature sensor	16
Figure 10	block diagram of entire circuit setup	17
Figure 11	Workflow in hardware	18
Figure 12	Attribute of Patient table	22
Figure 13	Attribute of Doctor's table	23
Figure 14	ER Model of doctor patient relation	23
Figure 15	Relational data model for patient and doctor	24
Figure 16	FCM	27
Figure 17	Android OS architecture	32
Figure 18	patient's application lifecycle	33
Figure 19	login and registration activity and first activity	34
Figure 20	data upload activity	35
Figure 21	message sending activity	35
Figure 22	previous message showing activity	36
Figure 23	Sign in Activity	37
Figure 24	Home activity	37
Figure 25	message activity	38
Figure 26	previous message showing activity	38
Figure 27	sending message to patient activity	39