## **List of Figures**

Figure No.	Figure Name	Page No.
2.1	System Architecture for Face Recognition Technology	4
2.2	Flow of proposed system	6
2.3	Biometric face recognition payment system	7
4.1	Use Case for Cab Transaction using facial recognition	10
4.2	Data Flow Diagram for Cab Transaction using facial recognition	11
4.3	Sequence Diagram for Cab Transaction using facial recognition	12
4.4	Activity Diagram for Cab Transaction using facial recognition	13
5.1	System Architecture	15
5.2	Image showing the variance extracted from a list of faces	17
5.3	Image of principal components using Fisherface algorithm	18
5.4	LBPH Face recognizer Process	19
5.5	LBPH Histogram	19
5.6	Directory structure tree for training data	21
5.7	Data preparations for face recognition	22
5.8	Data preparations for face recognition	22
5.9	UI of present system	23
5.10	Successful face recognition	23