ID	Risk Description	Likelihood	Impact	Severity	Mitigating action	Progress on action
1	Insufficient market research	3	5	15	Research review literature	Completing literature research
2	Limited budget	4	5	20	Buy critical/expensive equipment first	Ordered camera
3	Resource constraints	2	5	10	Design the device for available resources	Purchased camera
4	Insufficient user feedback	3	5	15	Experiential simulation throughout the design process	Plan to test on subjects
5	Competition in the market	3	4	12	Design a new product	Thorough market research – ensure unique design
6	Ethical concerns	2	5	10	Conduct ethical impact assessment	Plan to conduct IA
7	Lack of clear vision	2	4	8	Create a clear project plan with milestones and goals	Structured plan for the project
8	User ergonomics	2	4	8	Test using a diverse range of people + CAD simulations	Scored devices against design specifications
9	Environmental factors	4	1	4	Dispose of batteries properly, make the device rechargeable	Design device incorporating rechargeable battery
10	Technological complexity	3	4	12	Use a modular design prototype to understand the technology	Practiced mapping a room using robot car
11	Project timeline delay	4	5	20	Identify bottlenecks early – ordering equipment	Gantt chart followed
12	Regulatory compliance	3	5	15	Research laws, policies and regulations	Following ISO 14971
13	User safety	2	5	10	Rigorously test the device and include a fail-safe mechanism	Designed products with user safety in mind
14	Electrical safety issues	3	5	15	Comply with safety standards, safety testing, work in electrical lab	Lab induction competed