

**College Name - Lamrin Tech Skills University Punjab**

**Course Name - Design Thinking & Critical Thinking**

**Branch - Btech ( Electrical Engineering )**

**Batch No - 2024**

**Presented by - Sudhir Bhardwaj**

**Roll No - 241001310006**

**Task No - #07**

**Title - Gap analysis for (Smart Home Security Camera )**

Product features	Curent state	GAP	Future state	Action plan
Feature 1	Limited compatibility with others devices	Compatibility issues	Broader compatibility with smart home systems .	collaborate with major smart home ecosystems (google, alexa)
Feature 2	Short battery life, limited compatibility,	Needs improvement	Improve battery life (10+ hours standby)	Use newer lithium-ion battery technology.
Feature 3	No cloud storage for recorded footage.	No storage , limited functionality	Secure and cost - effective cloud storage options.	Offer subscription-based storage plans for affordability.