1. Project Definition

The Smart Home Automation System (ST) is designed to provide homeowners with centralized control of appliances, lighting, climate, and security systems using a mobile or web interface. This system aims to increase convenience, energy efficiency, and home security by automating daily routines and enabling remote control and monitoring.

2. Vision Statement

For homeowners and residents seeking convenience, safety, and energy efficiency, **who** need a centralized and remote way to control and monitor their home environment, **the** Smart Home Automation System **is** a comprehensive home automation platform **that** allows seamless control of lighting, appliances, climate, and security through mobile and web applications. **Unlike** traditional manual systems or standalone smart devices that lack integration, **our** product offers a unified, user-friendly interface with automation features, real-time alerts, and voice assistant compatibility—delivering a truly connected and intelligent living experience.