

Smart Home Management System



Demo GitHub

Introduction

SHMS uses scenarios created by the user and smart devices to create an individualized wake-up experience that encourages a seamless start to the day.

- SHMS COMMUNICATES WITH CHATGPT API FOR TAILORED SCENARIOS
- NARRATIVES ARE BROUGHT TO LIFE THROUGH THE WEBUI
- WEBUI DISPLAYS UPDATES AND SCENARIO STATUSES
- THE 'WORKER' COORDINATES WITH WEBUI AND MYSQL DATABASE
- MYSQL DATABASE STORES DEVICE STATES AND USER PREFERENCES
- WORKER EXECUTES COMMANDS AND UPDATES THE INTERFACE
- SECURITY IS INTEGRATED INTO EVERY INTERACTION



PERFORMANCE & WORKFLOW





