MEDICINE DISPENSOR SYSTEM

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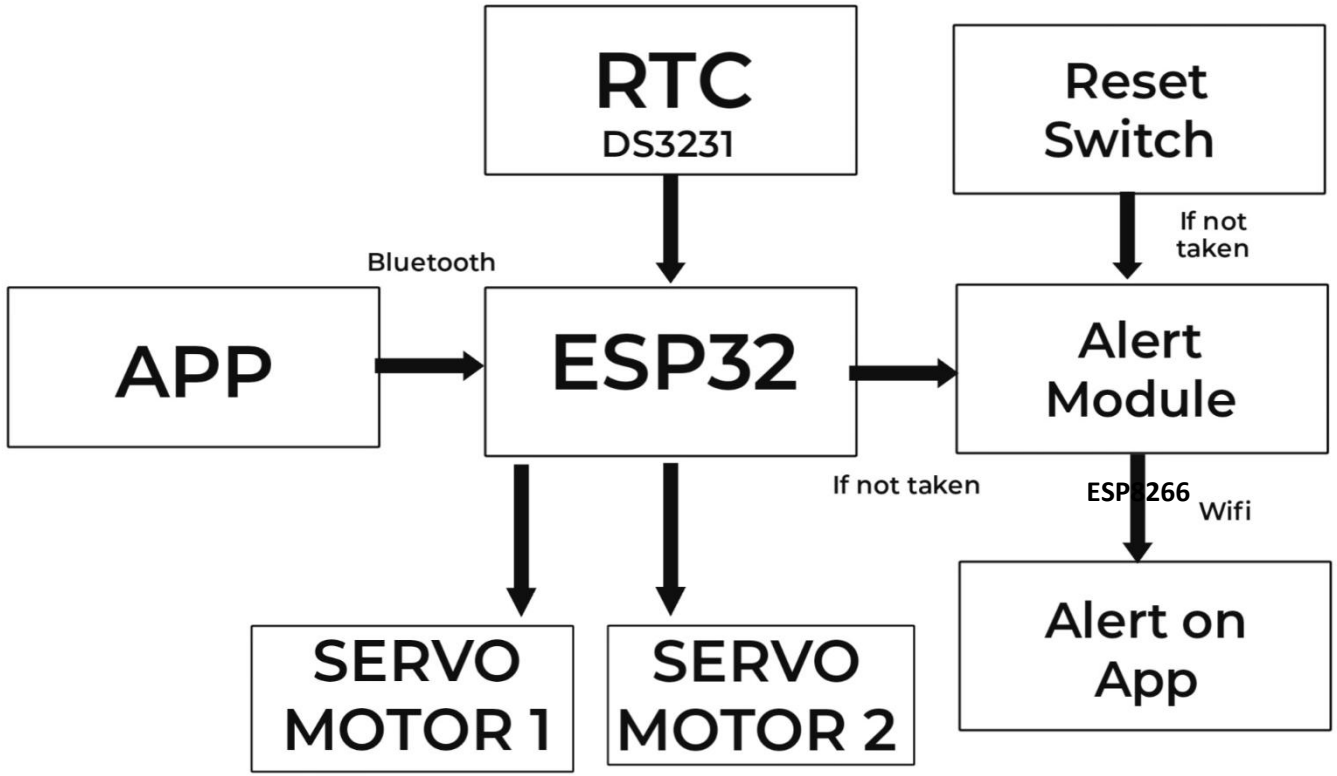
Description

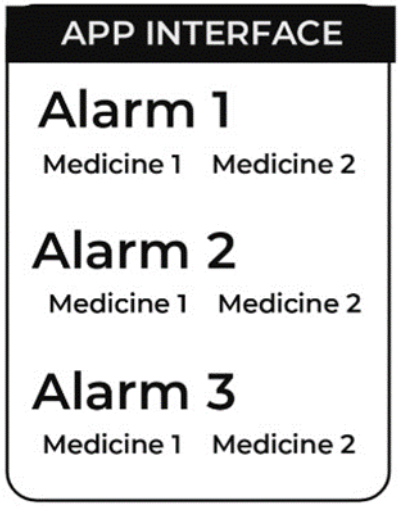
A home medicine dispensor is a device designed to manage and dispense medications for individuals in a home setting. It serves to ensure the correct dosage of medication is taken at the appropriate times, thereby promoting medication adherence, safety, and overall health management.

Also it is designed for the elder people of our home who forgets to take medicine on time

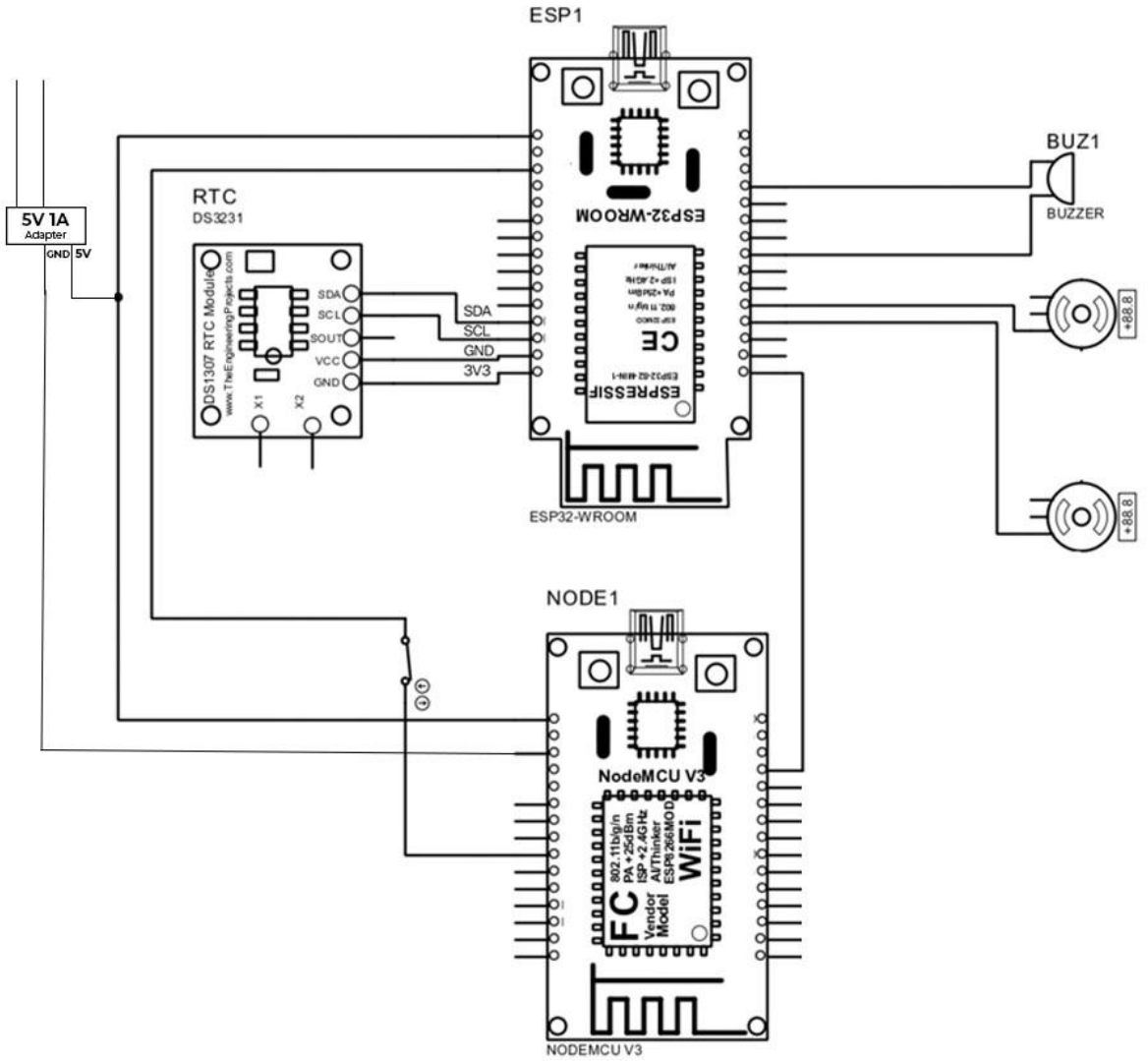
- App interface to setup alarm and medicine
- Alerting system to notify respective time
- Preferred number of medicine will be available at alarm time
- Notification on phone if the medicine is not been taken after a certain time

Block Diagram





Circuit Diagram



Result

Advantages

- Improved Medication Adherence
- Enhanced Convenience
- Customizable Settings
- Comprehensive Solution

Disadvantages

- Technical Complexity
- Dependency on Power Supply
- Initial Setup
- Cost
- Maintenance and Support

Conclusion

- In conclusion, our Medicine Dispenser System represents a significant advancement in medication management technology, offering a comprehensive solution to address the challenges of medication adherence and administration, particularly among elderly individuals and those with complex medication regimens. Throughout the development and implementation of this project, we have strived to create a user-friendly, reliable, and adaptable system that promotes independence, improves health outcomes, and enhances overall quality of life for users and caregivers alike.

Reference

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THANK YOU