

**PARUL UNIVERSITY**

- **B.Tech 5<sup>th</sup> Semester Minor project presentation**

## **Home Automation Website**

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# Content of Presentation



- Abstract
- Introduction
- Problem Statement
- Literature Review (if any)
- Proposed Methodology
- Project Module
- Use case diagram/ER diagram/Flow diagram
- Hardware and software
- Requirement
- Expected Outcome of the Project Limitation
- Conclusion
- Future Work
- References

# Abstract



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- 1. A Platform for brands who has home automation services.
- 2. People will be able to interact with the latest Brands with latest technology.



# Introduction

- 1. **Automation Tools:** These website may offer a wide range of automation tools, such as workflow automation, task automation, data automation, email automation and social media automation.
- 2. **Web Scraping:** Some automation websites provide web scraping services, allowing users to extract data from websites automatically. Web scraping is useful for gathering information, market research, and competitor analysis.



# Introduction

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- 3. **Chatbots:** Websites may offer chatbot building platforms that enable businesses to create AI-powered chatbots for customer support or lead generation. These chatbots can engage with website visitors and answer frequently asked questions.
- 4. **Test Automation:** Automation websites also cater to software developers and testers by offering tools for automating the testing process. Test automation helps ensure software quality and reduces the time required for repetitive testing tasks.

# Introduction



**5. E-commerce Automation:** For online businesses, automation websites may provide solutions to automate tasks related to e-commerce platforms, such as order processing, inventory management, and shipping notifications.

**6. Marketing Automation:** These websites often feature marketing automation tools that assist in automating email campaigns, lead nurturing, social media posting, and analytics tracking.

# Aim and Objective



## **Aim:**

The primary goal or aim of an automation website is to provide efficient and effective automation solutions to its users, simplifying tasks, optimizing processes, and saving time and effort.

## **Objectives:**

- Offer Automation Tools
- Improve Efficiency
- Reduce Errors
- Time and Cost Savings

# System Architecture

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# Problem Statement

- **Limited Access to Fair Pricing**
- **Lack of awareness related home automation.**

# System Requirements



## Hardware requirements:

- SmartPhones
- PCs
- Laptops
- Tablet
- any other devices which contains Browser.

## Software requirements:

- MacOS
- Windows 7/8/10/11
- Linux



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Our platform eliminates the need for intermediaries, connecting company directly with buyers.

By bypassing middlemen, we enable company to have greater control over the pricing and sale of their part.



## **Enhanced Market Reach :**

Our platform expands the market reach for company, enabling them to connect with buyers beyond their local area.

Buyers gain access to a diverse range of automation varieties directly from the company, promoting biodiversity and choice.

## **Secure and Convenient Transactions :**

We provide a secure and seamless transaction process, facilitating smooth automation purchases between company and buyers.

Our platform incorporates trusted payment gateways to ensure reliable and hassle-free transactions.

# Proposed Methodology



- ☐ Requirement Analysis
- ☐ Iterative Planning
- ☐ User-Centric Design
- ☐ Database Design
- ☐ Development & Testing
- ☐ Regular Updates
- ☐ Stakeholder Collaboration
- ☐ Quality Assurance
- ☐ Training & Support
- ☐ Deployment & Launch

# Limitations of Project as Beginner



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- Time Constraints**
- Limited Market Reach**
- Scalability Challenges**
- Technical Support and Maintenance**

# Expected Outcome



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- ☐ **Streamlined automation Product Trading**
- ☐ **Increased Market Reach**
- ☐ **Diverse Selection of Affordable Products**
- ☐ **Continuous Platform Improvement**
- ☐ **Optimal product Preservation**
- ☐ **Positive Impact on automation Sector**

# Conclusion



Our e-commerce platform for Automation products is a significant step forward in revolutionizing the market. With an iterative approach, we ensure continuous improvement and responsiveness. company gain direct access to a wider customer base, while buyers benefit from affordable, high-quality products. Transparency and security foster trust, promoting lasting collaborations. Regular updates and feedback drive a seamless user experience.



# Future work



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## Future:

- The purpose of this project is to directly connect our customers with automation parts manufacturing companies as per their requirements.
- Making a list of products according to the customer's budget.

# References



- - chatGPT
  - YouTube videos

**Thank  
You**