

# Smart Home Automation

A Business Model Canvas Report

*Submitted by*

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*In fulfilment for the award of the degree*

*Of*

BACHELOR OF ENGINEERING

In

Computer Engineering

Government Engineering college, Modasa

Gujarat Technological University, Ahmadabad

## Objective:

- Business model canvas is used to validate the market significance of products and services which will be of technology nature in this case.
- Technology projects are often solutions or processes that solve a technical problem. This canvas sheet describes how the user interacts with the system.
- For the purpose of increasing the efficiency of smart living system, an IOT based smart Home Automation project using Arduino is proposed. The project consists of multiple sensors for all different type of services, these sensors include a Temperature sensor, Gas sensor, Motion sensor, LDR sensor etc... The project also contains a GSM modem and a WIFI module. The project also includes output devices such as a DC/AC appliance, relays and a buzzer etc.

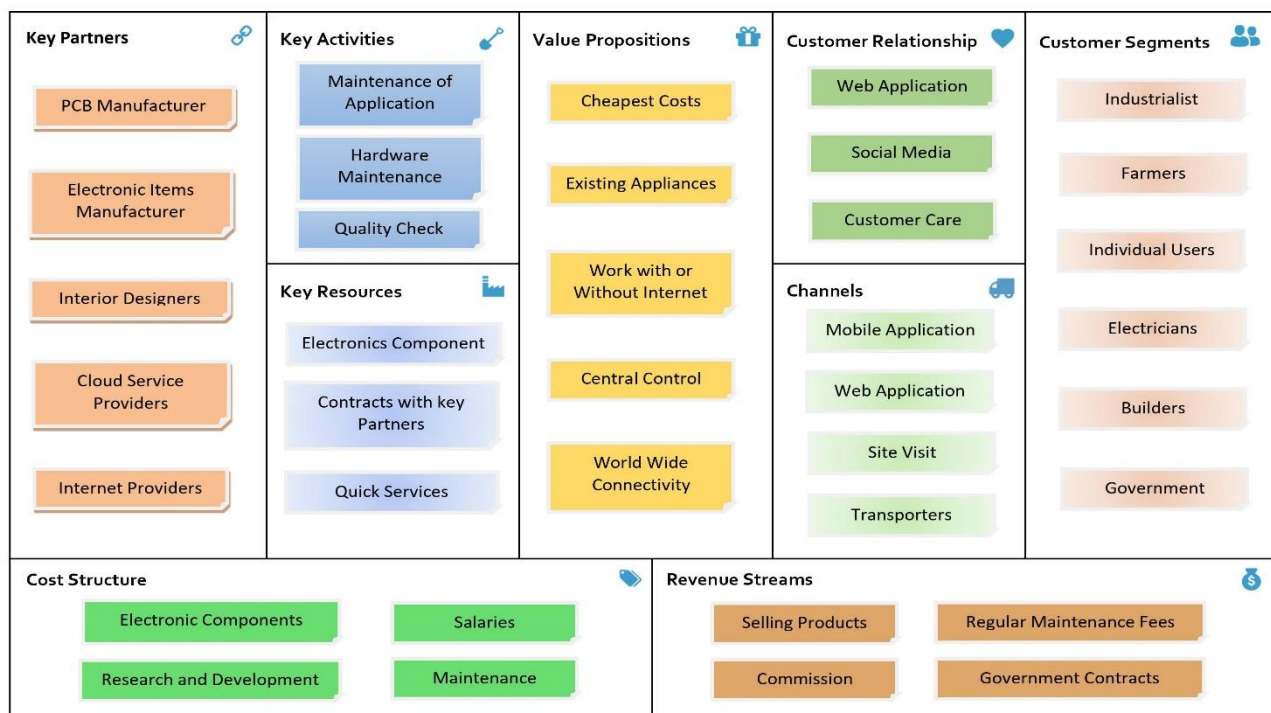
### Business Model Canvas

Designed for: SMART HOME AUTOMATION

Team No.: 125646

Date: Mar-2021

Version:1.0



- **Key Partners:**

This key partner section provides hardware from which the application can be Accessible.

- PCB Manufacture
- Electronic item manufacture
- Interior designer
- Cloud service provider
- Internet Provider

- **Key Activities:**

This key activity section describes the main features of our Application.

- Maintenance of Application
- Hardware maintenance
- Quality check

- **Key Resources:**

- Electronic components
- Contracts with key partners
- Quick services

- **Value Propositions:**

This section describes what value we deliver to the customer.

- Cheapest cost
- Existing appliance
- Work with or without internet
- Central control
- Worldwide connectivity

- **Customer Relationship:**

The customer relationship block provides how the relation with customer is Established.

- Web application
- Social Media
- Customer care

- **Channels:**

- Mobile application
- Web application
- Site visit / Transporter

- **Customer Segment:**

Customer segment block is to present the list of persons, organized by customer segment.

- Farmers
- Industrial
- Builder
- Individual
- Electrician
- Government

- **Cost Structure:**

Cost structure business block provides a list of cost structure elements with notes on their relationship to key Activities.

- Electronic component
- Research and Development
- Salaries
- Maintenance

- **Revenue Streams:**

This Revenue streams describes values that our customers really willing to pay.

- Selling products
- Commission
- Regular maintenance fees
- Government contracts