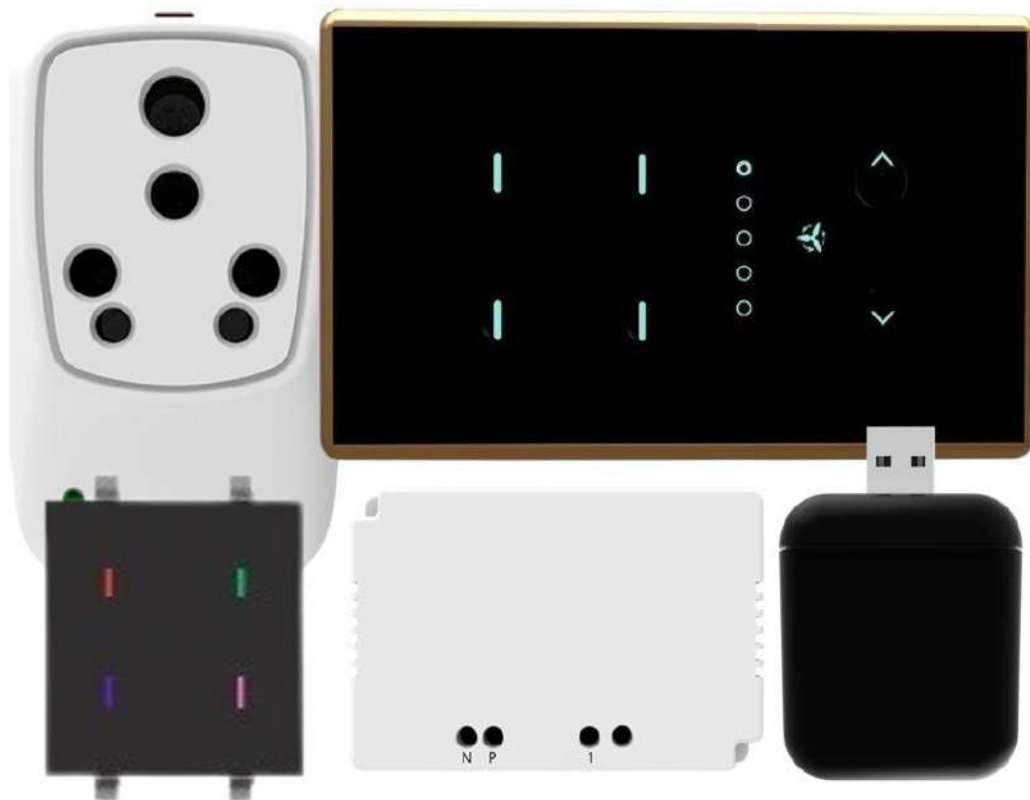# GLOLED HOME AUTOMATION

In an era of technological advancement, the concept of a "smart home" has evolved from a futuristic fantasy into a tangible reality. GLO SMART SOLUTION stands at the forefront of this revolution, offering a comprehensive solution to transform ordinary residences into intelligent, interconnected living spaces. This overview serves as a gateway into understanding the capabilities, features, and benefits of GLO SMART SOLUTION, a cutting-edge smart home app designed to enhance convenience, efficiency, and comfort in everyday life.


Comprehensive Features and Benefits:

With GLOLED home automation, you can control a wide range of devices, including lights, fans, TVs, geysers, air conditioners, refrigerators, and profile lights. It offers a range of features that not only make managing home devices convenient but also elevate energy efficiency and security. Here's a detailed overview of the key features:

1. Scene Creation

With GLOLED, users can create customized scenes to match various activities or moods. For example, a "Movie Night" scene can dim the lights, and turn on specific devices, creating a perfect ambiance with a single tap. These scenes can be tailored for different times of the day, such as a morning routine or a bedtime setup, simplifying everyday tasks.
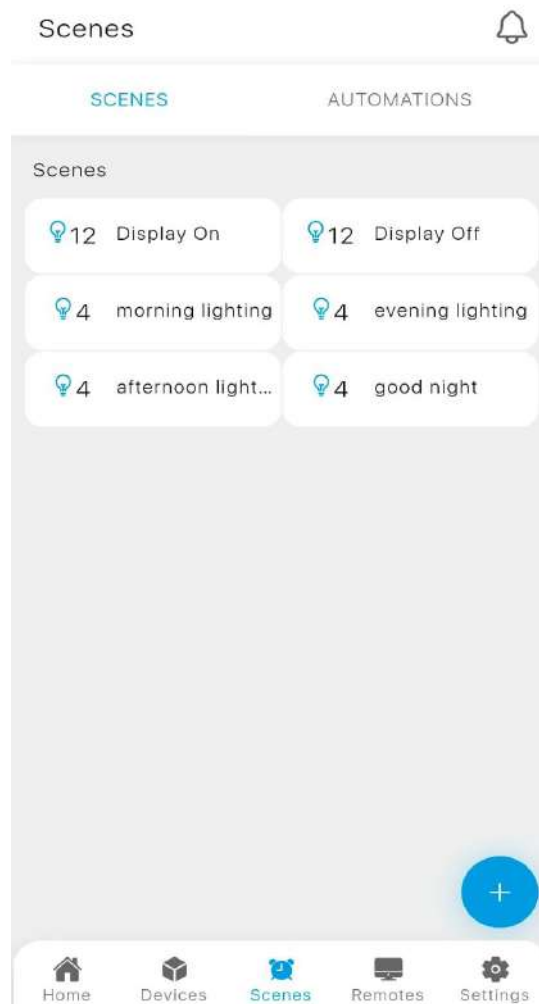

2. Scheduling

GLOLED home automation allows for scheduling devices to turn on or off at predetermined times. This can include turning lights on at sunset, adjusting the thermostat before arrival home, or starting the coffee maker in the morning. This feature

helps in energy management by ensuring devices operate only when needed, reducing unnecessary power consumption.
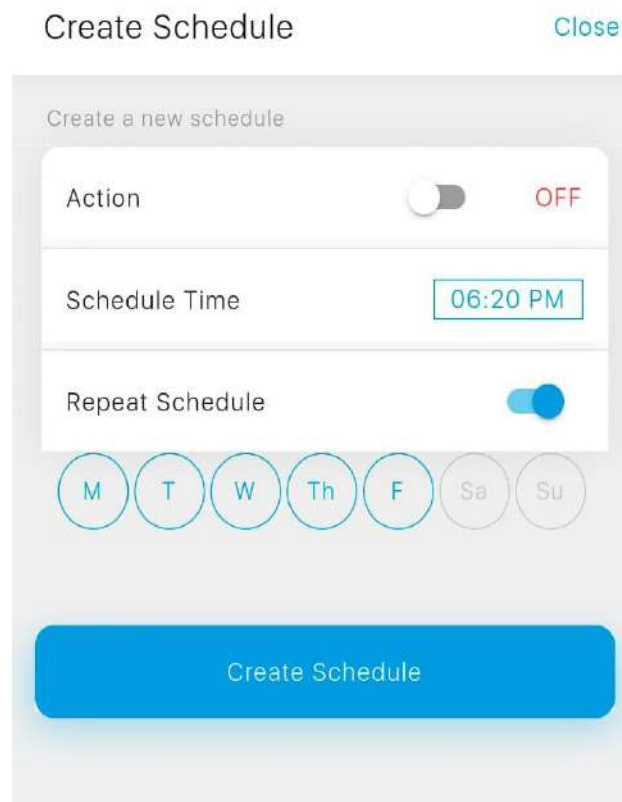

3. Voice Assistant Integration (Alexa, Siri, Google Assistant)

The system is compatible with popular voice assistants like Alexa, Siri, and Google Assistant. This integration enables hands-free control over various smart devices. Users can simply issue voice commands to control lighting, adjust temperatures, or activate specific scenes, offering unmatched convenience and accessibility. This compatibility also makes GLOLED a versatile choice, as it seamlessly fits into different ecosystems.
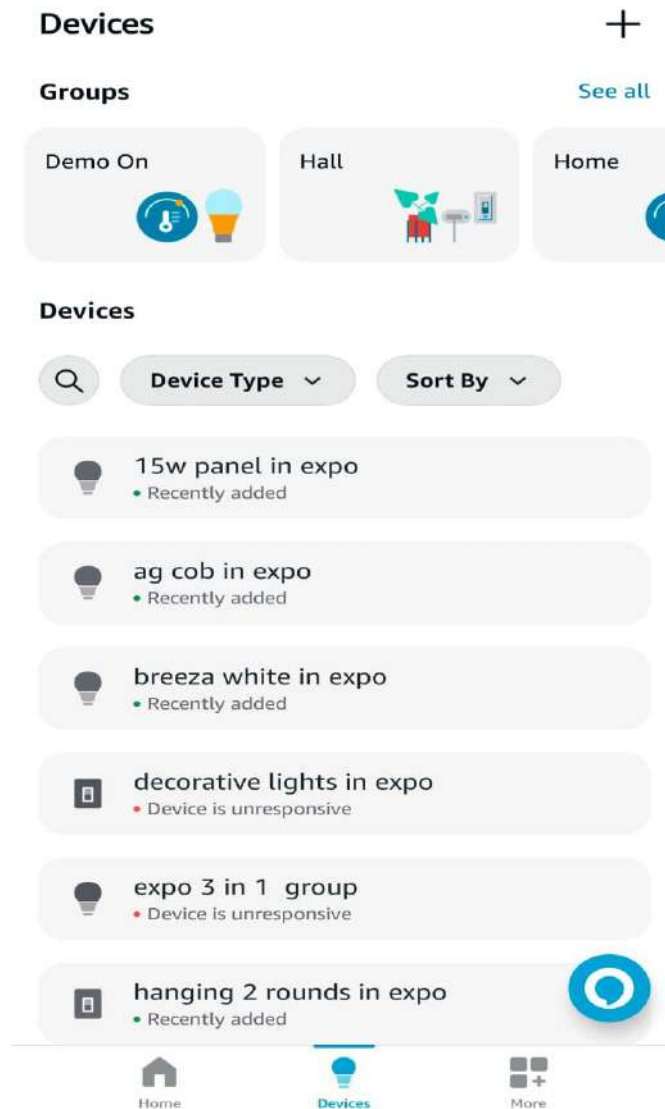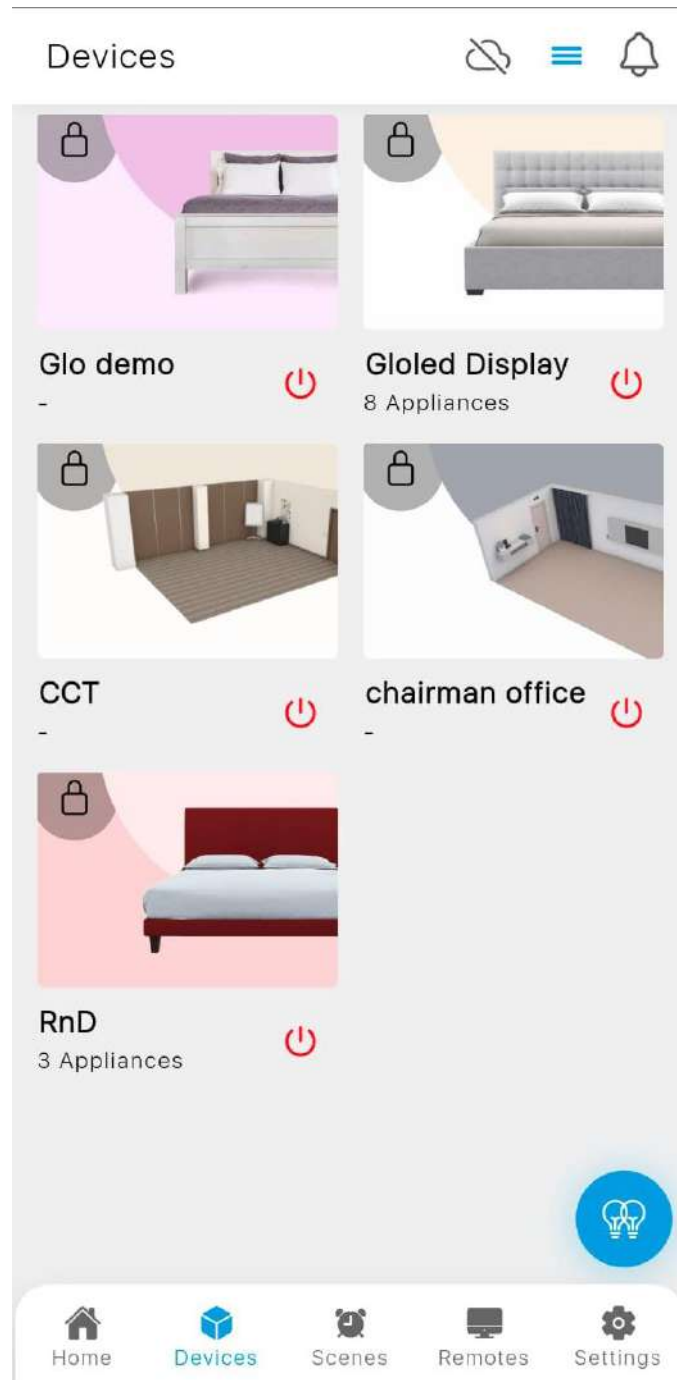
4. Group Controlling

GLOLED enables group control of multiple devices, allowing users to manage several lights or appliances simultaneously. For instance, all living room lights can be grouped together and controlled as a single unit, enhancing efficiency. This feature is particularly useful in larger homes or multi-room settings, where managing each device individually would be time-consuming.
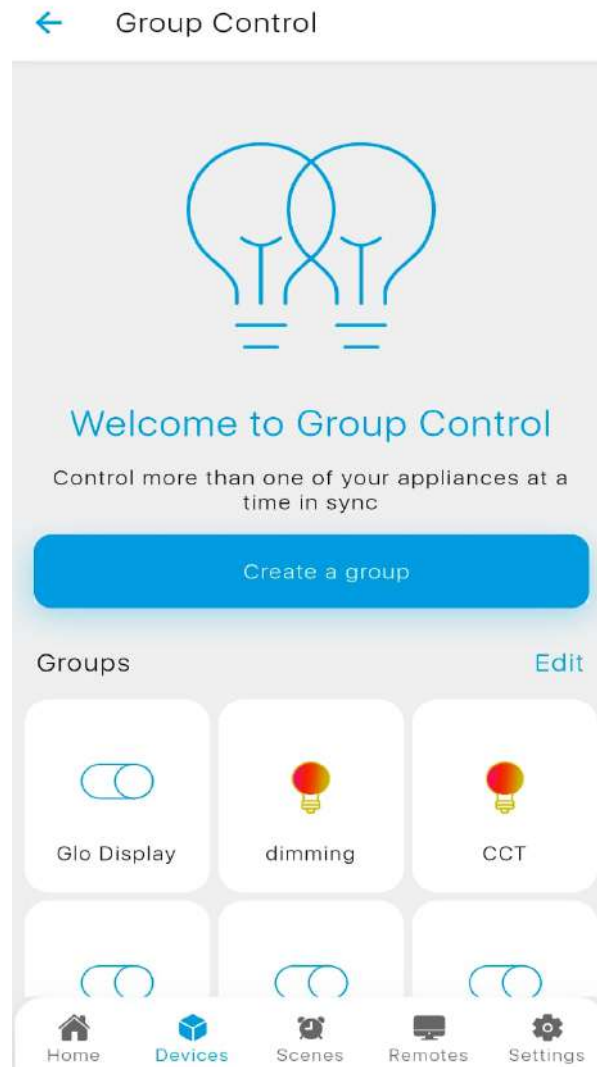
5. User-Friendly App Interface

The GLOLED home automation system comes with an intuitive app interface that simplifies device control. It provides real-time status updates, allowing users to monitor their home environment and make adjustments as needed. The app also facilitates scene creation, scheduling, and integration with voice assistants, all from a central platform.

6. Energy Efficiency

By combining scene creation, scheduling, and group control features, GLOLED's automation system helps optimize energy usage. Automating lights and appliances to operate only when necessary reduces energy wastage, leading to cost savings and a smaller carbon footprint.

7. Enhanced Security

GLOLED's automation can also be tied to security systems. Scheduling lights to turn on and off while away can give the impression that someone is home, deterring potential intruders. Integration with smart locks and cameras adds another layer of security that can be managed remotely.

In summary, GLOLED's home automation system enhances everyday living with its comprehensive features. Scene creation and scheduling bring personalized comfort, while voice assistant integration and group control offer effortless management. This user-friendly system not only maximizes convenience but also improves energy efficiency and security, making it an excellent choice for modern smart homes.

3 BHK Flat Home Automation Overview

Flat Layout:

1. Living Hall

2. Dining Area

3. Kitchen

4. Children's Bedroom (with attached bathroom)

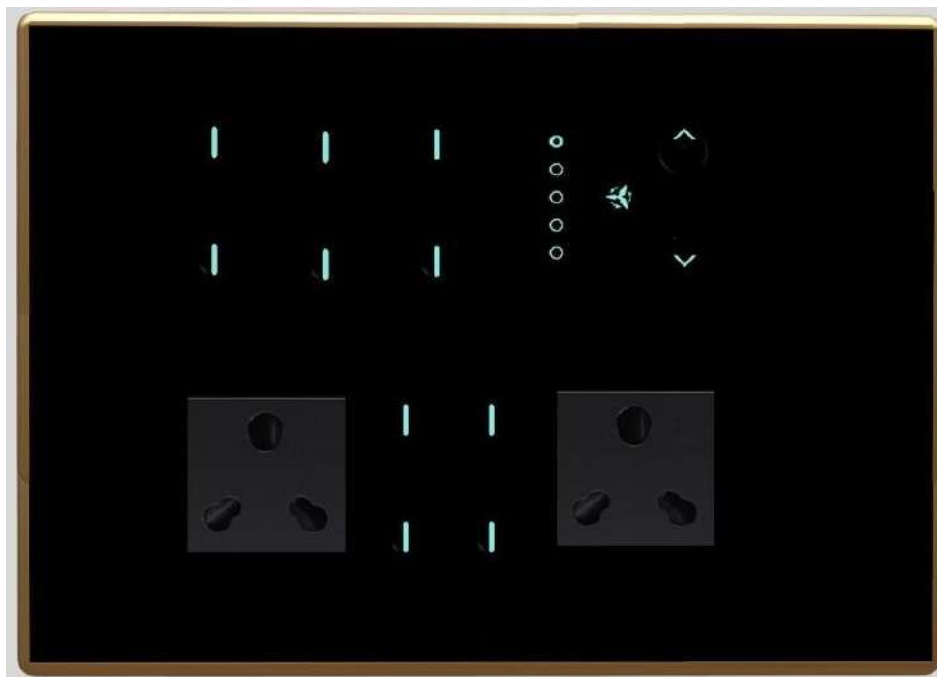5. Master Bedroom (with attached bathroom)

6. Guest Bedroom

1. Living Hall

Installed Electrical Devices:

- 1 Air Conditioner
- 1 Television
- 1 Ceiling Fan
- 4 Panel Lights
- 1 Profile Light
- **Note:** For AC, Geyser, Fridge, Chimney, Mixer Grinder using 25 Amps switch. For TV, Fan, Panel Lights, Profile Lights, Mobile and Laptop Chargers using 10 Amps switch.

Suggestions:

- Additional Power Sockets: Install 2-3 additional plug points for charging electronic devices (e.g., mobile phones, laptops, speakers).
- WiFi Router: Ensure a power socket near the TV or the main entrance for placing a WiFi router.

Tv Unit

2. Dining Area

- 1 Ceiling Fan
- 4 Panel Lights
- 1 Profile Light
- **Note:** For AC, Geyser, Fridge, Chimney, Mixer Grinder using 25 Amps switch. For TV, Fan, Panel Lights, Profile Lights, Mobile and Laptop Chargers using 10 Amps switch.

Suggestions:

- Lighting: Install 1-2 pendant lights or a chandelier for focused lighting over the dining table.
- Power Outlet: Add a power socket nearby for occasional use of small appliances like vacuum cleaners or decorative lighting.

3. Kitchen

Installed Electrical Devices:

- 2 Ceiling Lights
- 1 Refrigerator
- 1 Fan
- 1 Chimney
- **Note:** For AC, Geyser, Fridge, Chimney, Mixer Grinder using 25 Amps switch. For TV, Fan, Panel Lights, Profile Lights, Mobile and Laptop Chargers using 10 Amps switch.

Suggestions:

- Additional Power Sockets: Install 3-4 sockets on the kitchen countertop for using small kitchen appliances (e.g., microwave, mixer-grinder, toaster, electric kettle).
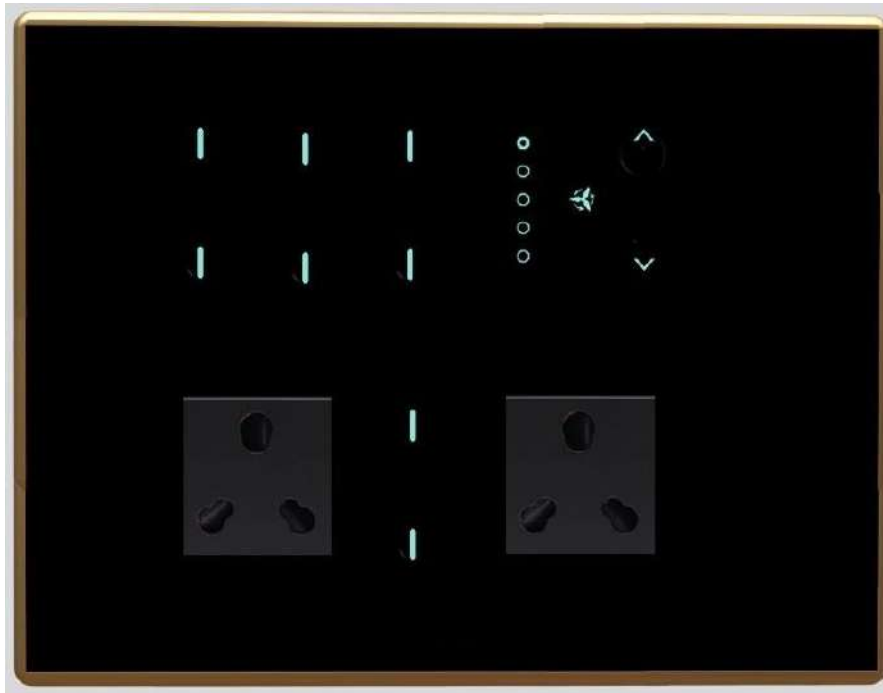

4. Children's Bedroom

Installed Electrical Devices:

- 4 Panel Lights
- 1 Profile Light
- 1 Ceiling Fan
- 1 Air Conditioner
- 1 Foot Lamp
- **Note:** For AC, Geyser, Fridge, Chimney, Mixer Grinder using 25 Amps switch. For TV, Fan, Panel Lights, Profile Lights, Mobile and Laptop Chargers using 10 Amps switch.
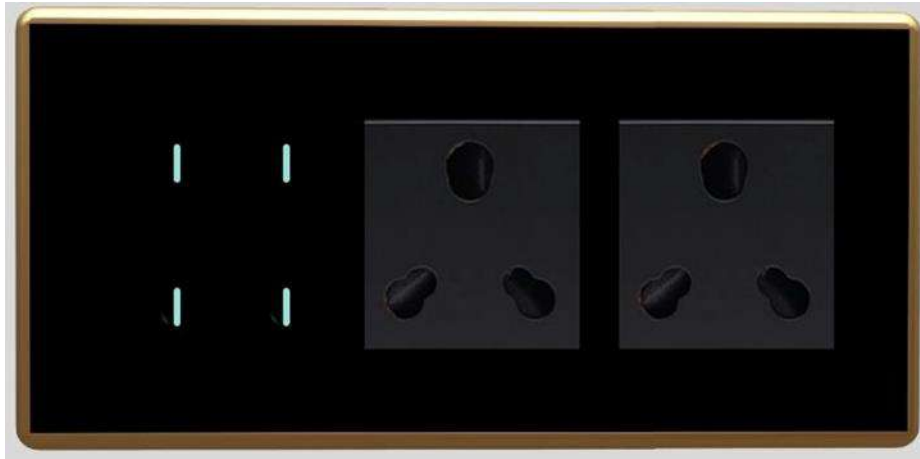
Suggestions:

- Study Area: Provide a power socket at the study table location for desk lamps, laptops, or other study-related electronics.
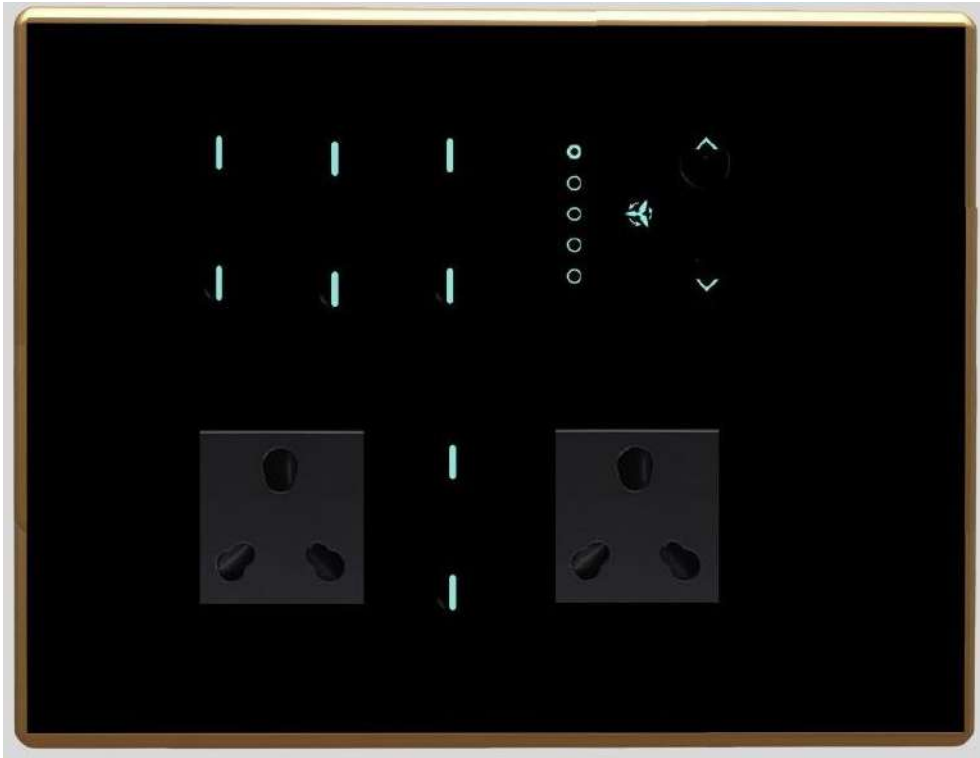
Bedside board

- Attached Bathroom:
  - 1 Geyser
  - 1 Exhaust Fan
  - 1 Light
- Bedside Power Sockets: Add power sockets near the bed for charging mobile devices.

5. Master Bedroom
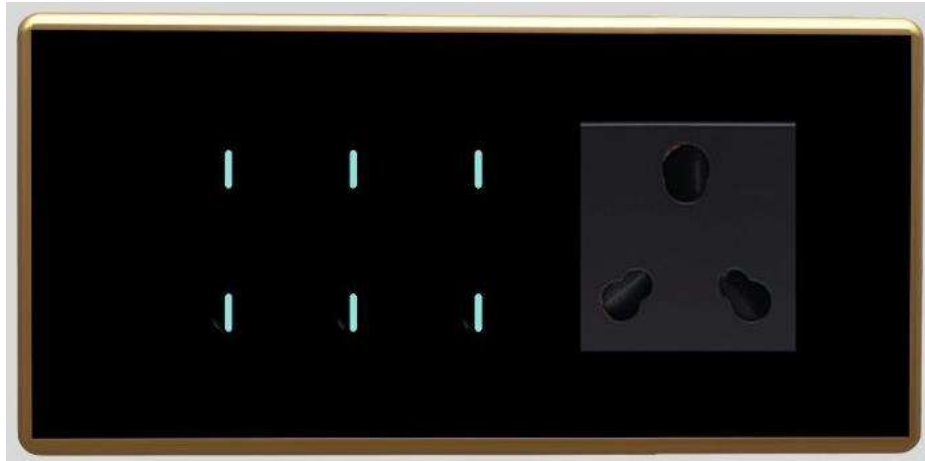
Installed Electrical Devices:

- 4 Panel Lights
- 1 Profile Light
- 1 Ceiling Fan
- 1 Air Conditioner
- 1 Foot Lamp
- **Note:** For AC, Geyser, Fridge, Chimney, Mixer Grinder using 25 Amps switch. For TV, Fan, Panel Lights, Profile Lights, Mobile and Laptop Chargers using 10 Amps switch.

- Bedside Lamps: Include power sockets on both sides of the bed for bedside lamps and mobile chargers.
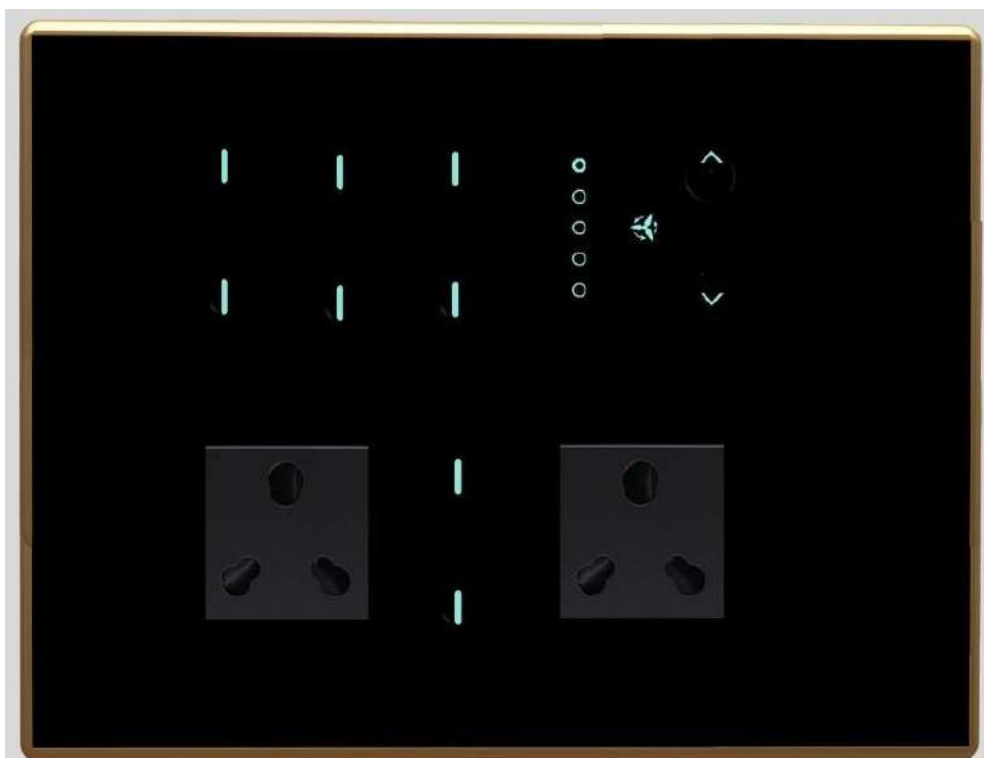

- Attached Bathroom:
    - 1 Geyser
    - 1 Exhaust Fan
    - 1 Light

6. Guest Bedroom

Installed Electrical Devices:

- 4 Panel Lights
- 1 Profile Light
- 1 Ceiling Fan
- 1 Air Conditioner
- 1 Foot Lamp

- Bedside Lamps: Include power sockets on both sides of the bed for bedside lamps and mobile chargers.

- Attached Bathroom:
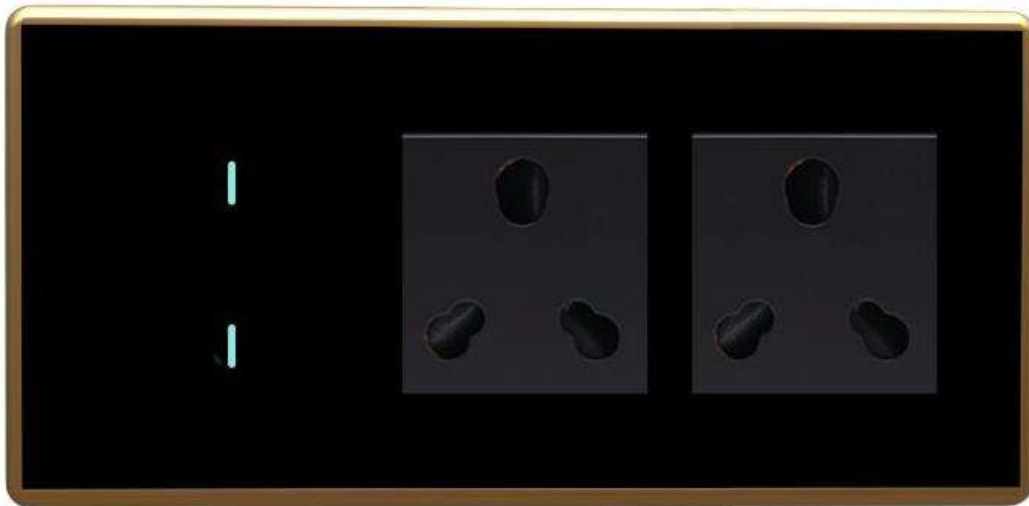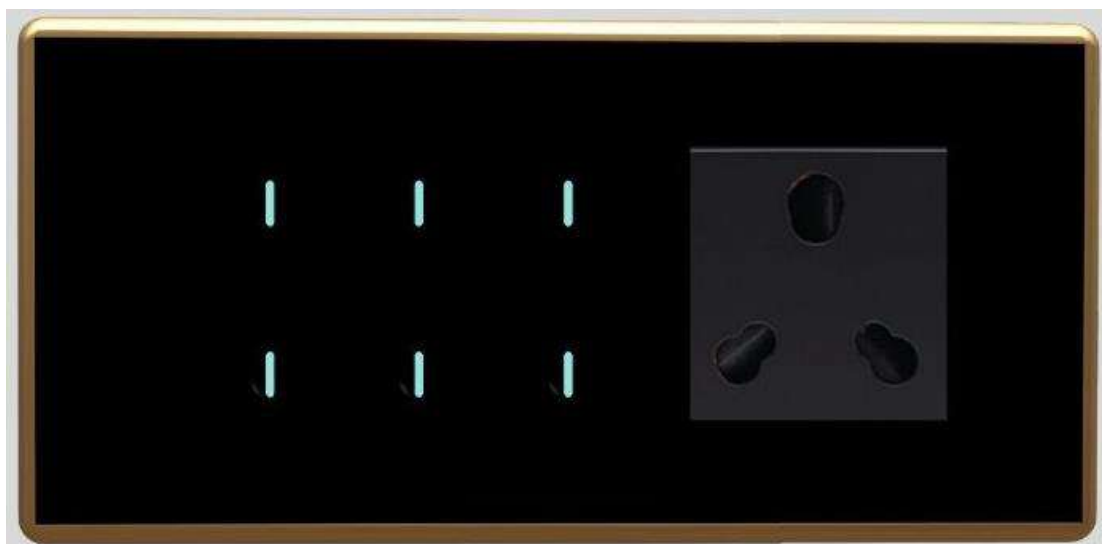 - 1 Geyser
  - 1 Exhaust Fan
  - 1 Light

Note: For AC, Geyser, Fridge, Chimney, Mixer Grinder using 25 Amps switch.

For TV, Fan, Panel Lights, Profile Lights, Mobile and Laptop Chargers using 10 Amps switch.

Budget Estimation:

Area	Product code	Price	Unit	Amount
Living room	1111	7790	1	7790
	1087	2912	1	2912
Washroom	1088	3100	1	3100
Dining Hall	1093	5225	1	5225
Kitchen	1083	4512	1	4512
	1088	3100	1	3100
Master Bedroom	1108	7611	1	7611
	1087	2912	1	2912
Washroom	1088	3100	1	3100
Children Bedroom	1108	7611	1	7611
	1087	2912	1	2912
Washroom	1088	3100	1	3100
Guest Bedroom	1108	7611	1	7611
	1087	2912	1	2912
			Total Amount ------------------- **Including GST**	**64408 Rs** ----------- **76002 Rs**

2 BHK Flat Home Automation Overview
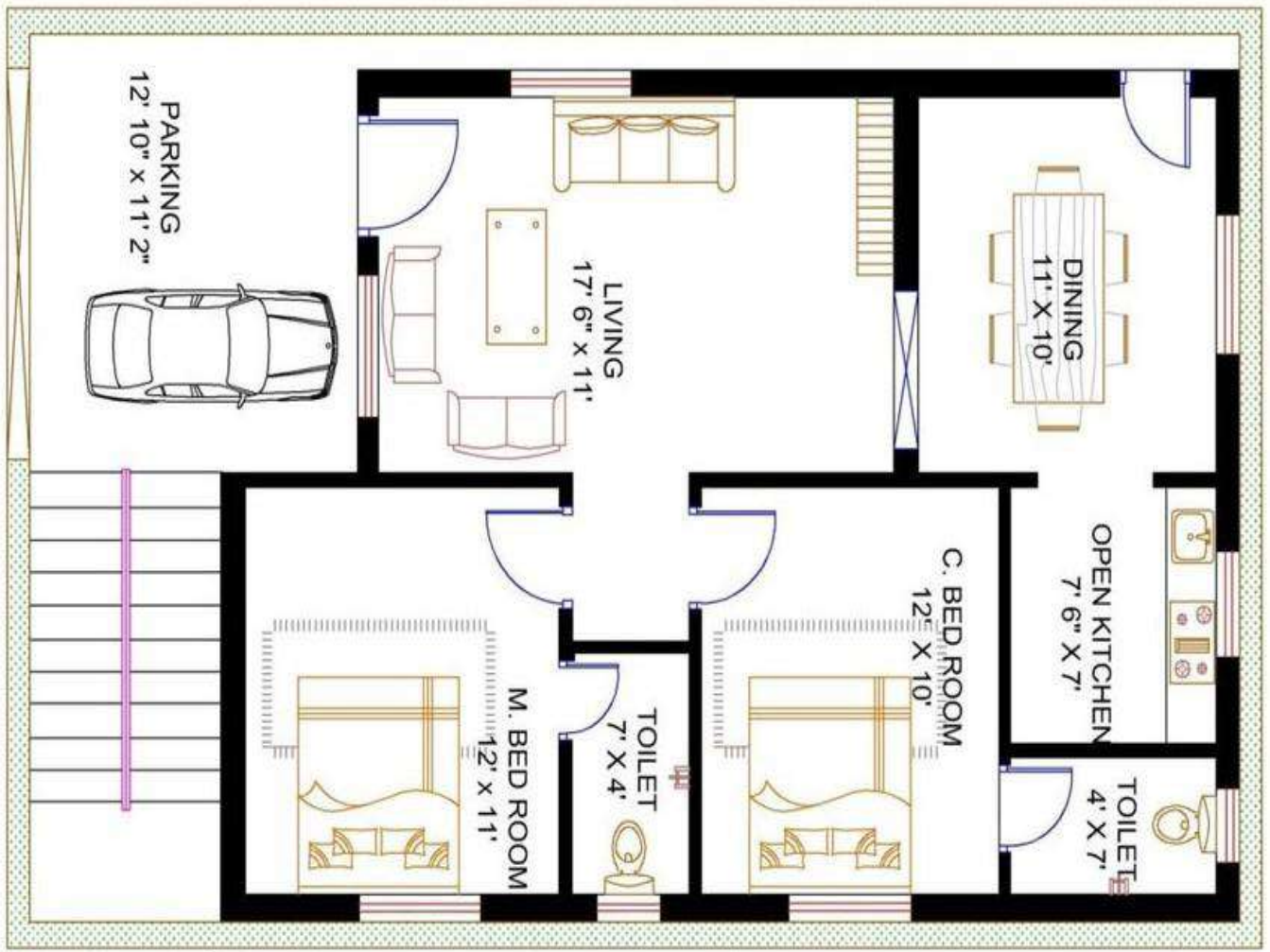
Flat Layout:

1. Living Hall

2. Dining Area

3. Kitchen

4. Children's Bedroom (with attached bathroom)

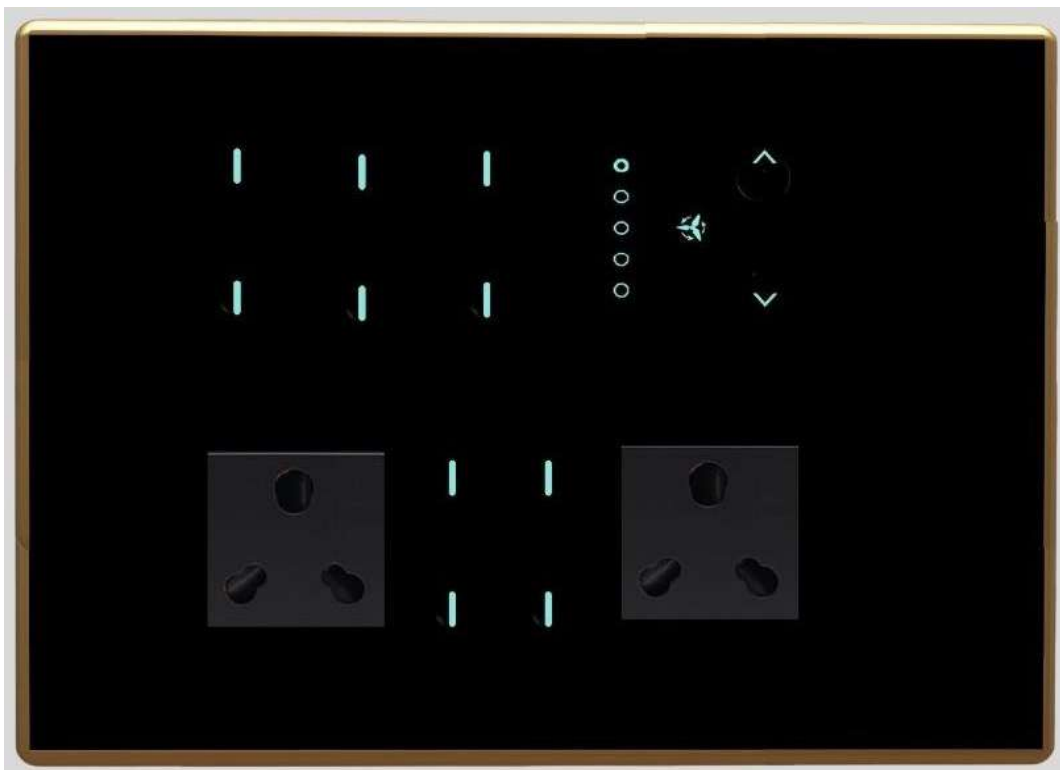5. Master Bedroom (with attached bathroom)

1. Living Hall

Installed Electrical Devices:

- 1 Air Conditioner (AC)
- 1 Television (TV)
- 1 Ceiling Fan
- 4 Panel Lights
- 1 Profile Light

Suggestions:

- Additional Power Sockets: Install 2-3 additional plug points for charging electronic devices (e.g., mobile phones, laptops, speakers).
- WiFi Router: Ensure a power socket near the TV or the main entrance for placing a WiFi router.

Tv Unit

2. Dining Area

- 1 Ceiling Fan
- 4 Panel Lights
- 1 Profile Light

Suggestions:

- Lighting: Install 1-2 pendant lights or a chandelier for focused lighting over the dining table.
- Power Outlet: Add a power socket nearby for occasional use of small appliances like vacuum cleaners or decorative lighting.

3. Kitchen

Installed Electrical Devices:

- 2 Ceiling Lights
- 1 Refrigerator
- 1 Fan
- 1 Chimney

Suggestions:

- Additional Power Sockets: Install 3-4 sockets on the kitchen countertop for using small kitchen appliances (e.g., microwave, mixer-grinder, toaster, electric kettle).
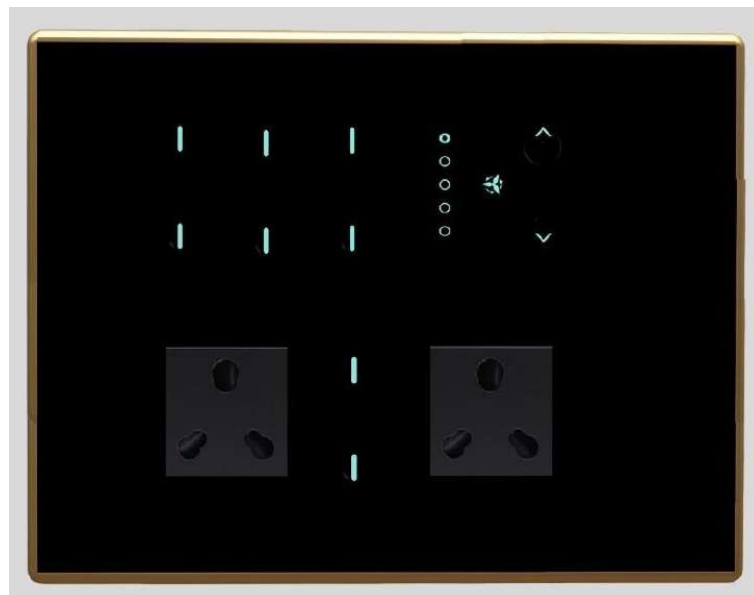
4. Children's Bedroom

Installed Electrical Devices:

- 4 Panel Lights
- 1 Profile Light
- 1 Ceiling Fan
- 1 Air Conditioner (AC)
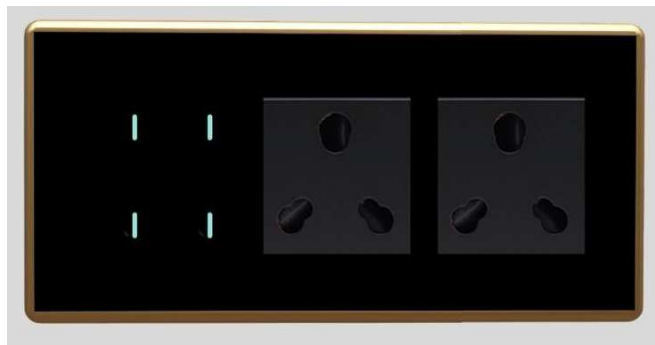- 1 Foot Lamp

Suggestions:

- Study Area: Provide a power socket at the study table location for desk lamps, laptops, or other study-related electronics.

Bedside board

- Attached Bathroom:

  - 1 Geyser

  - 1 Exhaust Fan

  - 1 Light

- Bedside Power Sockets: Add power sockets near the bed for charging mobile devices.

5. Master Bedroom

Installed Electrical Devices:

- 4 Panel Lights
- 1 Profile Light
- 1 Ceiling Fan
- 1 Air Conditioner (AC)
- 1 Foot Lamp

- Bedside Lamps: Include power sockets on both sides of the bed for bedside lamps and mobile chargers.

- Attached Bathroom:
  - 1 Geyser
  - 1 Exhaust Fan
  - 1 Light

Budget Estimation:

Area	Product code	Price	Unit	Amount
Living room	1111 1087	7790 2912	1 1	7790 2912
Dinning Hall	1093	5225	1	5225
Kitchen	1083 1088	4512 3100	1 1	4512 3100
Master Bedroom **Washroom**	1108 1087 1088	7611 2912 3100	1 1 1	7611 2912 3100
Children Bedroom **Washroom**	1108 1087 1088	7611 2912 3100	1 1 1	7611 2912 3100
			Total Amount ------------------- **Including GST**	**50785 Rs** ----------- **59927 Rs**

Villa Home Automation Overview

Villa Layout:

- **Ground Floor**
  1. Parking
  2. Hall
  3. Kitchen(with Attach Wash Area)
  4. Dining
  5. Master Bedroom (with attached bathroom)
  6. Guest Bedroom (with attached bathroom)
  7. Pooja Room
  8. Common Washroom

- **First Floor**
  1. Bedroom1 (with attached bathroom)
  2. Bedroom2 (with attached bathroom)
  3. Cut-Out
  4. Living Hall
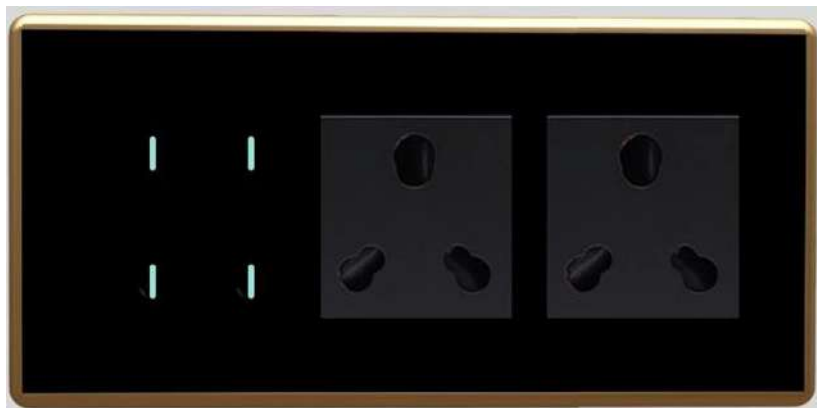 5. Sit Out
  6. Lobby

- **Second Floor**
  1. Bedroom3 (with attached bathroom)
  2. Home Theatre
  3. Lobby

Ground Floor:

1.Parking:

- 4 Panel Lights

Suggestions:

- Additional Power Sockets: Install 2-3 sockets for Electric Vehicle Charging

2. Hall

Installed Electrical Devices:

- 1 Air Conditioner
- 1 Television
- 1 Ceiling Fan
- 4 Panel Lights
- 1 Profile Light
- **Note:** For AC, Geyser, Fridge, Chimney, Mixer Grinder using 25 Amps switch. For TV, Fan, Panel Lights, Profile Lights, Mobile and Laptop Chargers using 10 Amps switch.

Suggestions:

- Additional Power Sockets: Install 2-3 additional plug points for charging electronic devices (e.g., mobile phones, laptops, speakers).
- WiFi Router: Ensure a power socket near the TV or the main entrance for placing a WiFi router.

Tv Unit

3. Kitchen

Installed Electrical Devices:

- 2 Ceiling Lights
- 1 Refrigerator
- 1 Fan
- 1 Chimney
- **Note:** For AC, Geyser, Fridge, Chimney, Mixer Grinder using 25 Amps switch. For TV, Fan, Panel Lights, Profile Lights, Mobile and Laptop Chargers using 10 Amps switch.

Suggestions:

- Additional Power Sockets: Install 3-4 sockets on the kitchen countertop for using small kitchen appliances (e.g., microwave, mixer-grinder, toaster, electric kettle).

4. Dining Area

- 1 Ceiling Fan
- 4 Panel Lights
- 1 Profile Light
- **Note:** For AC, Geyser, Fridge, Chimney, Mixer Grinder using 25 Amps switch. For TV, Fan, Panel Lights, Profile Lights, Mobile and Laptop Chargers using 10 Amps switch.

Suggestions:

- Lighting: Install 1-2 pendant lights or a chandelier for focused lighting over the dining table.
- Power Outlet: Add a power socket nearby for occasional use of small appliances like vacuum cleaners or decorative lighting.
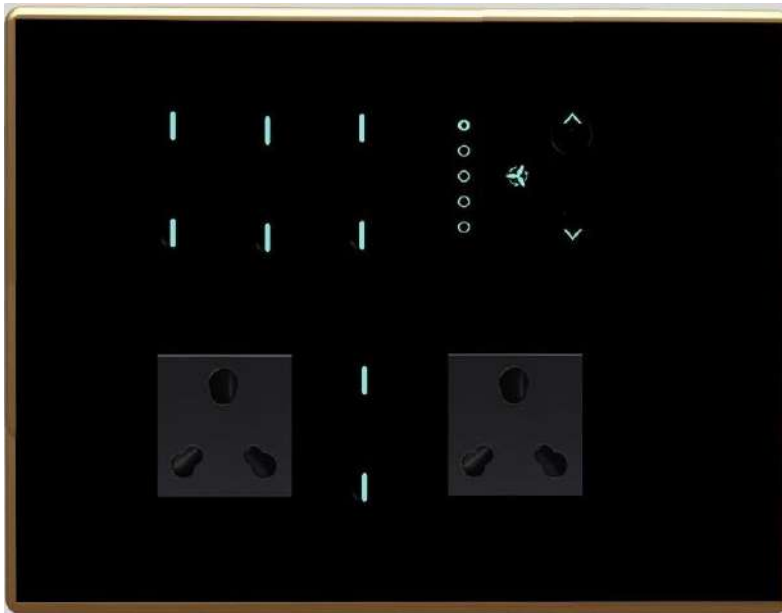
5. Master Bedroom

Installed Electrical Devices:

- 4 Panel Lights
- 1 Profile Light
- 1 Ceiling Fan
- 1 Air Conditioner
- 1 Foot Lamp
- **Note:** For AC, Geyser, Fridge, Chimney, Mixer Grinder using 25 Amps switch. For TV, Fan, Panel Lights, Profile Lights, Mobile and Laptop Chargers using 10 Amps switch.
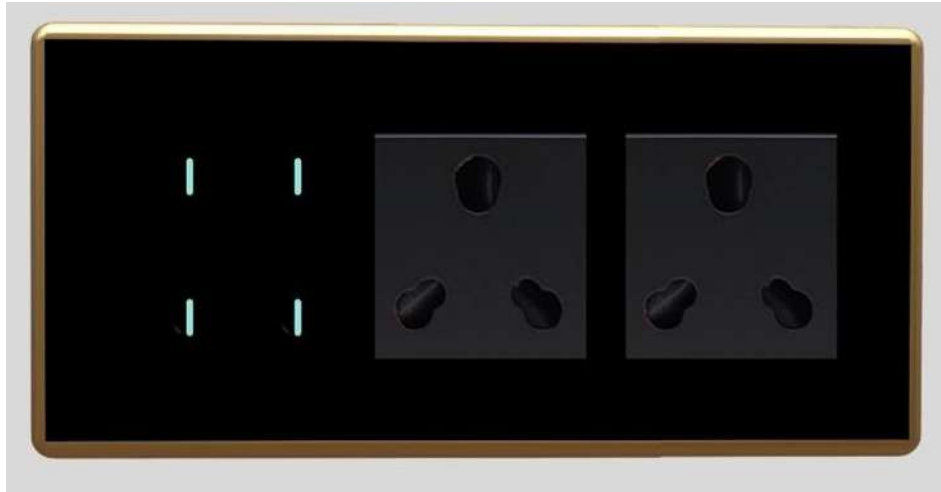
Suggestions:

- Study Area: Provide a power socket at the study table location for desk lamps, laptops, or other study-related electronics.

Bedside board

- Attached Bathroom:
  - 1 Geyser
  - 1 Exhaust Fan
  - 1 Light
- Bedside Power Sockets: Add power sockets near the bed for charging mobile devices.

6. Guest Bedroom

Installed Electrical Devices:

- 4 Panel Lights
- 1 Profile Light
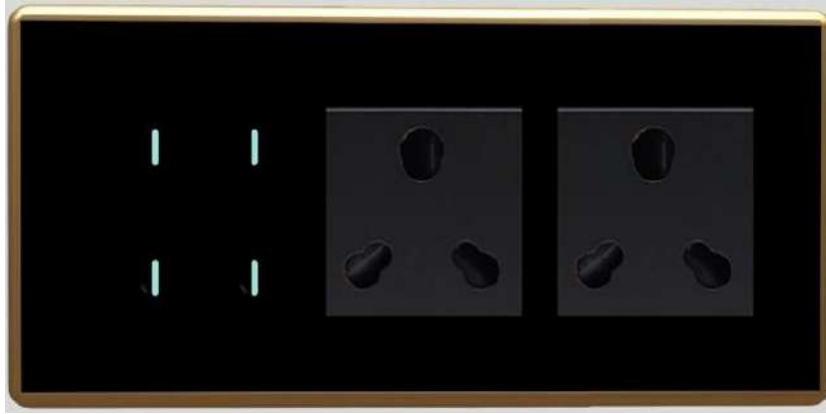- 1 Ceiling Fan
- 1 Air Conditioner
- 1 Foot Lamp
- **Note:** For AC, Geyser, Fridge, Chimney, Mixer Grinder using 25 Amps switch. For TV, Fan, Panel Lights, Profile Lights, Mobile and Laptop Chargers using 10 Amps switch.
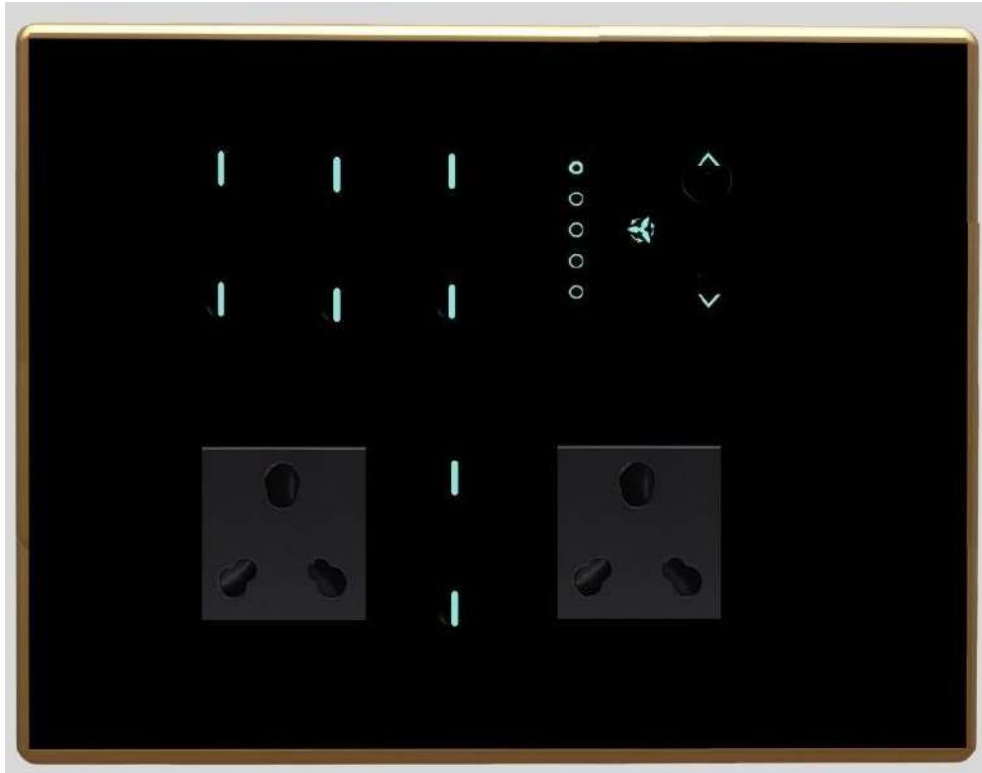
- Bedside Lamps: Include power sockets on both sides of the bed for bedside lamps and mobile chargers.
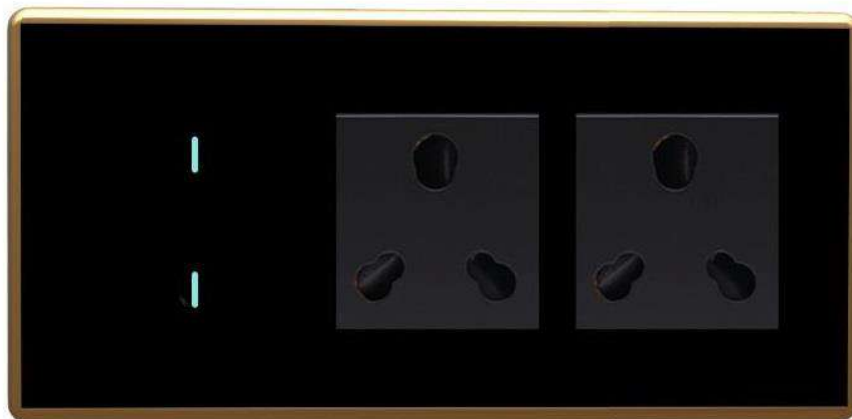
- Attached Bathroom:
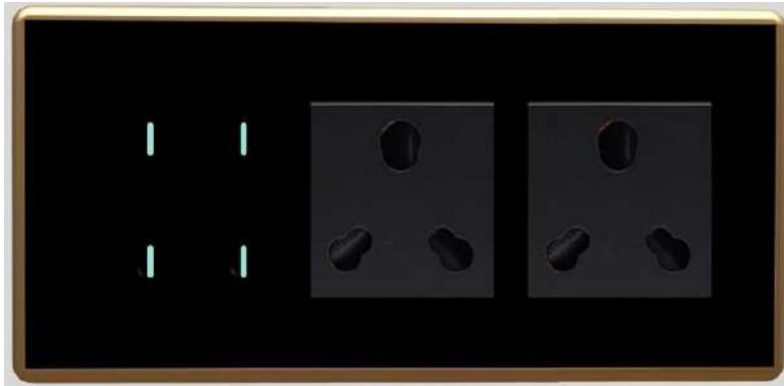   - 1 Geyser
    - 1 Exhaust Fan
    - 1 Light

7. Common Washroom

    1 Geyser

    1 Exhaust Fan

    1 Light

8. Pooja Room

    2 Light
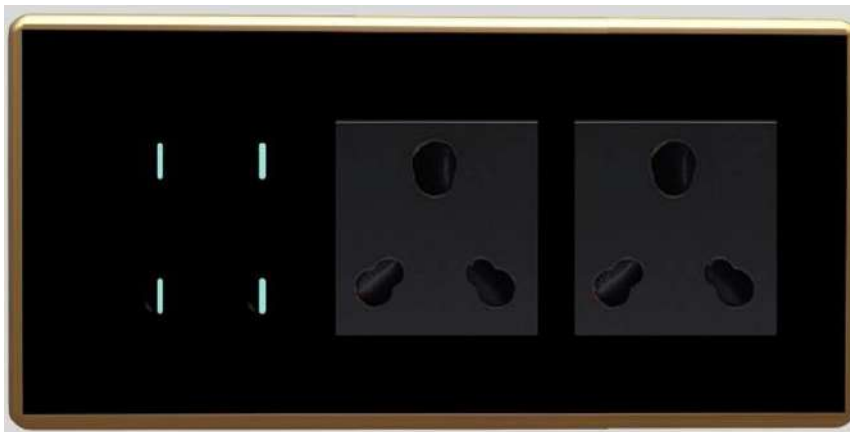
Suggestions:

- Provide additional power socket

First Floor:

1. Living Hall

Installed Electrical Devices:

- 1 Air Conditioner (AC)
- 1 Television (TV)
- 1 Ceiling Fan
- 4 Panel Lights
- 1 Profile Light

Suggestions:

- Additional Power Sockets: Install 2-3 additional plug points for charging electronic devices (e.g., mobile phones, laptops, speakers).
- WiFi Router: Ensure a power socket near the TV or the main entrance for placing a WiFi router.
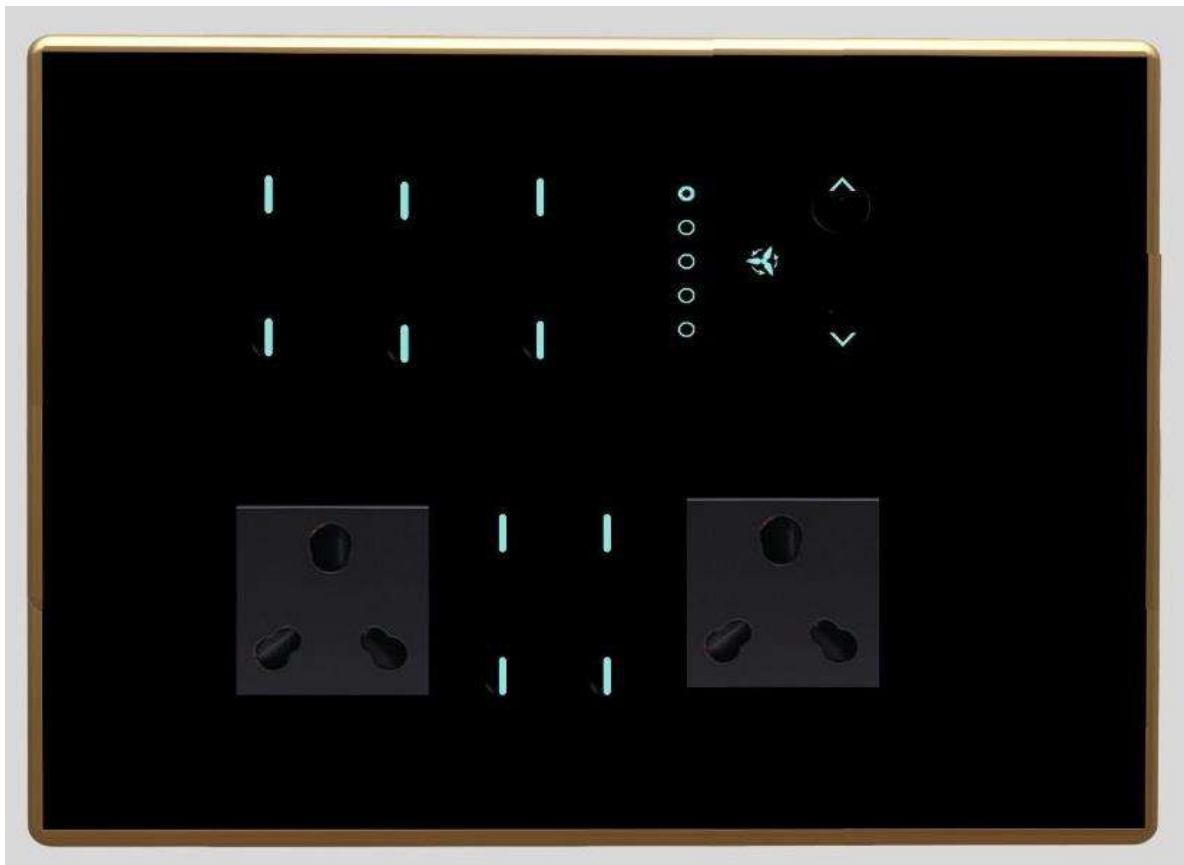
Tv Unit

2. Sit Out

- 1 Ceiling Fan
- 4 Panel Lights
- 1 Profile Light

Suggestions:

- Lighting: Install 1-2 pendant lights or a chandelier for focused lighting.
- Power Outlet: Add a power socket nearby for occasional use of small appliances like vacuum cleaners or decorative lighting.

3. Cut-Out

Installed Electrical Devices:

- 4 Ceiling Lights
- 1 Fan

4. Bedroom 1

Installed Electrical Devices:

- 4 Panel Lights
- 1 Profile Light
- 1 Ceiling Fan
- 1 Air Conditioner (AC)
- 1 Foot Lamp

Suggestions:

- Study Area: Provide a power socket at the study table location for desk lamps, laptops, or other study-related electronics.

Bedside board

- Attached Bathroom:
   - 1 Geyser
   - 1 Exhaust Fan
   - 1 Light
- Bedside Power Sockets: Add power sockets near the bed for charging mobile devices.

5. Bedroom 2

Installed Electrical Devices:

- 4 Panel Lights
- 1 Profile Light
- 1 Ceiling Fan
- 1 Air Conditioner (AC)
- 1 Foot Lamp
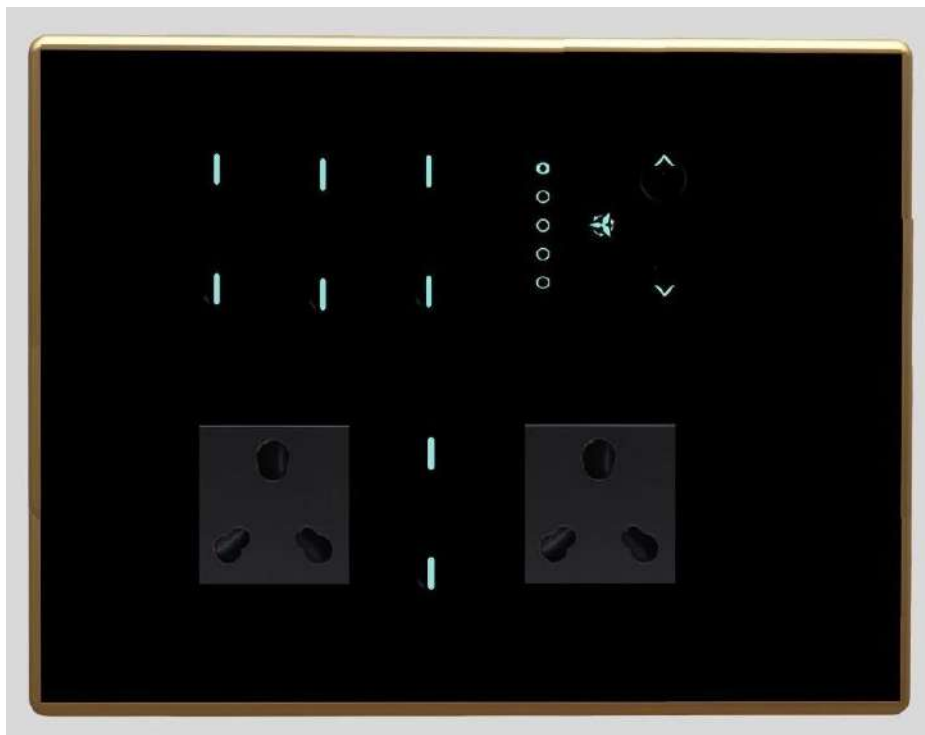
- Bedside Lamps: Include power sockets on both sides of the bed for bedside lamps and mobile chargers.

- Attached Bathroom:
  - 1 Geyser
  - 1 Exhaust Fan
  - 1 Light

Note: For AC, Geyser, Fridge, Chimney, Mixer Grinder using 25 Amps switch.

For TV, Fan, Panel Lights, Profile Lights, Mobile and Laptop Chargers using 10 Amps switch.

6. Lobby

Installed Electrical Devices:

- 4 Panel Lights
- 1 Profile Light

Suggestions:

- Additional Power Sockets: Install 1-2 additional plug points

Second Floor:

1. Bedroom 3

Installed Electrical Devices:

- 4 Panel Lights
- 1 Profile Light
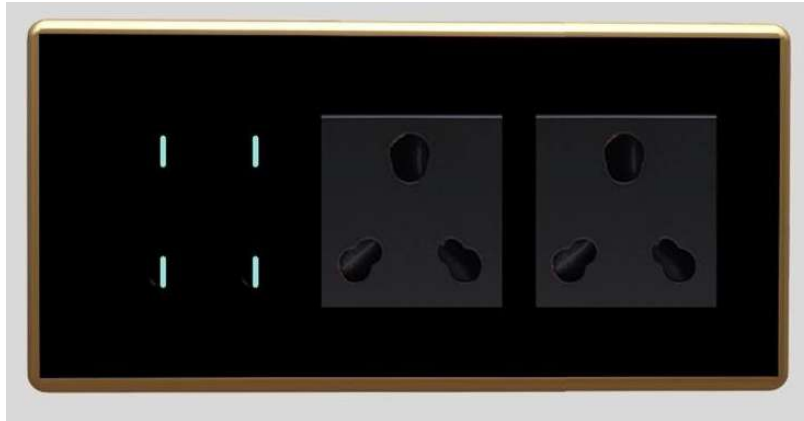- 1 Ceiling Fan
- 1 Air Conditioner (AC)
- 1 Foot Lamp

- Bedside Lamps: Include power sockets on both sides of the bed for bedside lamps and mobile chargers.

- Attached Bathroom:

  - 1 Geyser

  - 1 Exhaust Fan

  - 1 Light

Note: For AC, Geyser, Fridge, Chimney, Mixer Grinder using 25 Amps switch.

For TV, Fan, Panel Lights, Profile Lights, Mobile and Laptop Chargers using 10 Amps switch.
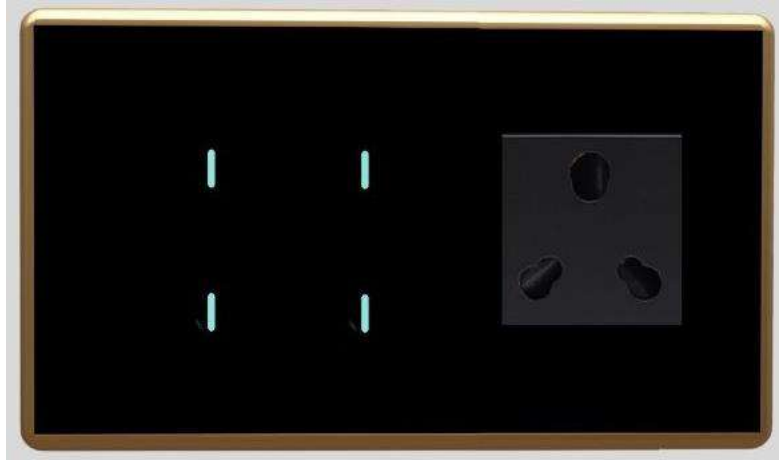
2. Home Theatre:

Installed Electrical Devices:

- 6 Panel Lights
- 1 Profile Light
- 1 Ceiling Fan
- 1 Air Conditioner (AC)
- 1 Projector
- 2 Speakers

3. Lobby

Installed Electrical Devices:

- 4 Panel Lights
- 1 Profile Light

Suggestions:

- Additional Power Sockets: Install 1-2 additional plug points

Budget Estimation:

Area	Product code	Price	Unit	Amount
Parking	1088	3100	1	3100
Hall Tv Unit	1111 1087	7790 2921	1 1	7790 2921
Kitchen	1083 1088	4512 3100	1 1	4512 3100
Dining	1093	5225	1	5225
Master Bedroom (with attached bathroom)	1108 1087 1085	7611 2821 4362	1 1 1	7611 2821 4362
Guest Bedroom (with attached bathroom)	1108 1087 1085	7611 2821 4362	1 1 1	7611 2821 4362
Common Washroom	1088	3100	1	3100
Pooja Room	1088	3100	1	3100
Living Hall Tv Unit	1111 1087	7790 2921	1 1	7790 2921
Sitout	1093	5225	1	5225

Cut out	1083	4512	1	4512
Bedroom 1 **Tv Unit**	1108 1087 1085	7611 2821 4362	1 1 1	7611 2821 4362
Bedroom 2 **Tv Unit**	1108 1087 1085	7611 2821 4362	1 1 1	7611 2821 4362
Lobby	1075	2970	1	2970
Bedroom 3 **Tv Unit**	1108 1087 1085	7611 2821 4362	1 1 1	7611 2821 4362
Home Theatre	1108 1087	7611 2821	1 1	7611 2821
Lobby	1075	2970	1	2970
			Total Amount -------------------- **Including GST**	**143638 Rs** ----------- **169493 Rs**