

# SEED

SEEDS are in a dormant condition until they receive adequate sunlight, water, and soil. The growth of the plant from a seed is known as germination.

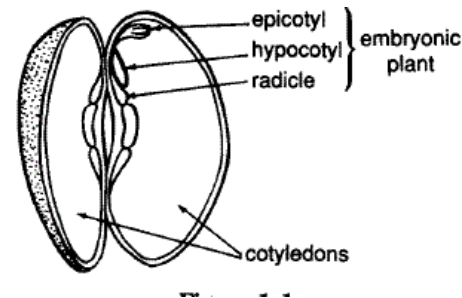
QUARANTINE is a stage in which a person is needed to be separated from others as he/she have close contact with a infected person or having the disease.This can also be called as a stage in which a person needed need more care, help, rest as he/she depend on someone or some thing.

A seed has three parts:

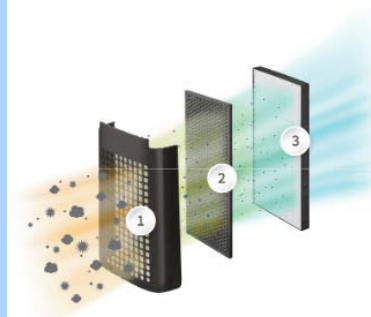
1. EPICOTYL - COVERING
2. RADICLE - INTERMEDIATE SPACE
3. COTYLEDON - MAIN CORE



seed- a protective space



## DESIGN SOLUTIONS



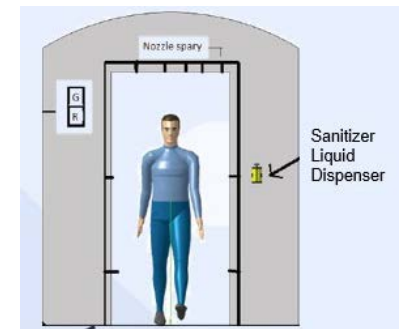
Active air purification system various layers

### Active air purification mechanism

Active air purification is a method that uses air filters that apply a number of other technologies. With this mechanism, the air purifier will use exhaust fans to draw air from the outside environment into the machine. After that, the air will be passed through the filter to clean and then returned to the external environment.

#### METHODS:

Using photocatalyst cleaners : Air purifiers will use ultraviolet light in combination with catalysts to create chemical reactions that oxidize bacteria, viruses, molds, odors, volatile organic compounds into harmless byproducts.This can be done during night.

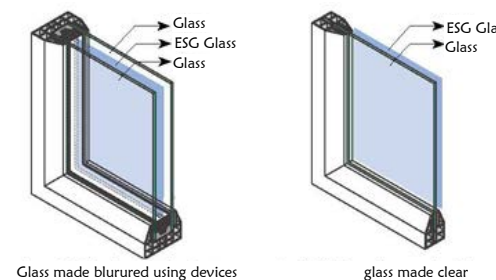


Automated disinfection systems



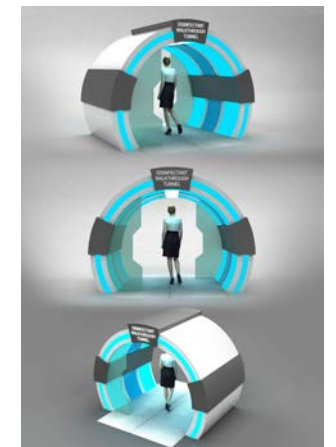
Active air purification system

### ESG Switchable Glass Products



Glass made blurred using devices

glass made clear



### Salt Crystal Lamp

Himalayan pink salt is a natural air purifier that pulls toxins from the environment and neutralises them. In fact, all salt crystal products reduce airborne irritants, allergens and pathogens by pulling water vapour out of the air.



### Houseplants

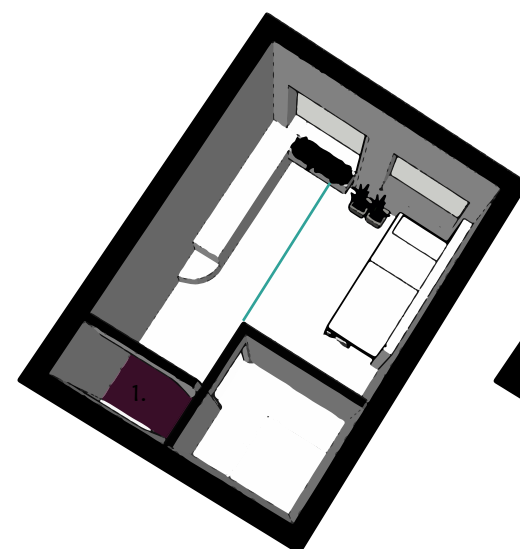
Different kinds of houseplants can purify air and they are the best medium to counter the pollution indoors, especially if you are dealing with respiratory illnesses. Some varieties of houseplants require very little or indirect sunlight. According to a study conducted by NASA, houseplants can purify and rejuvenate air within our houses and workplaces, safeguarding us from any side effects associated with prevalent toxins like ammonia, formaldehyde and also benzene.

While all kinds of houseplants help purify air, the English Ivy or common Ivy are suitable to be kept in rooms with computers or printers. The Spider Plant is useful in a kitchen with a gas stove, as it helps control the carbon monoxide and xylene in the air.

Other commonly found houseplants are Snake plant (oxygen purifies)Money Plant, Boston Fern, Silver Vine and Centipede Tongavine.

## DESIGN EVOLUTION

- EVOLUTION OF SPACES



SPACE 1- TRANSITION SPACE

SPACE WITH AUTOMATIC DISINFECTION SYSTEM. DOOR WITH VISION PANELS AND SOUND TRANSMITTING LAYERS  
- PROVIDED WITH STORAGE .  
SEMI-DORMANT STAGE(SEED)



SPACE 2 - ENTERTAINING

SPACE WHICH CAN BE MULTI USED. DINING, LIVING SPACES WITH GREEN SPACES ARE PROVIDED HERE.



SPACE 3- RESTING

BED SPACE AND ADJUSTABLE STUDY SPACE SPACE CAN BE SEPARATED BY A COLLAPSIBLE DOOR. SPACE SEPARATED IF NECESSARY MAINLY AT NIGHT.

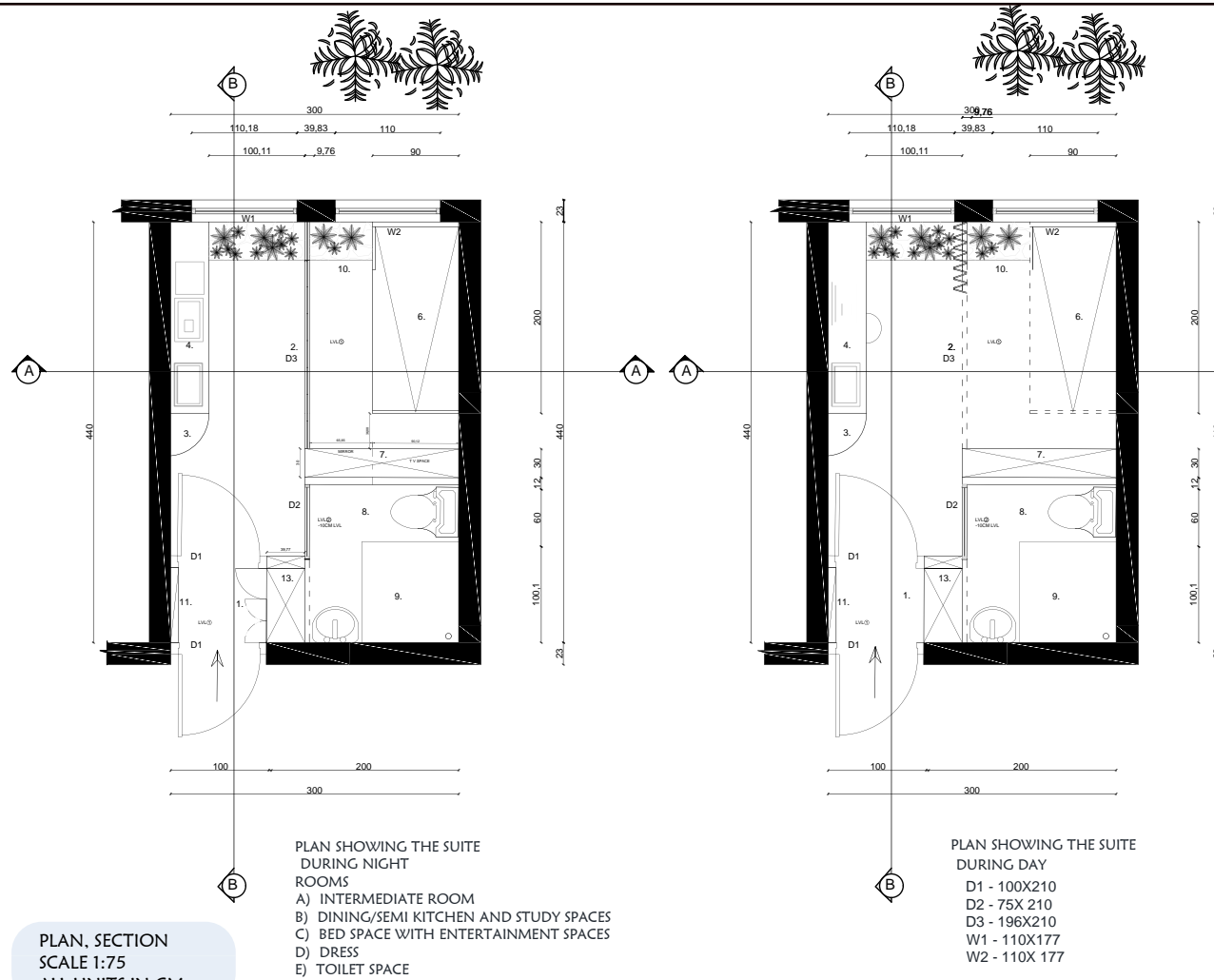
# QUARANTINE POD

JISNA THOMAS

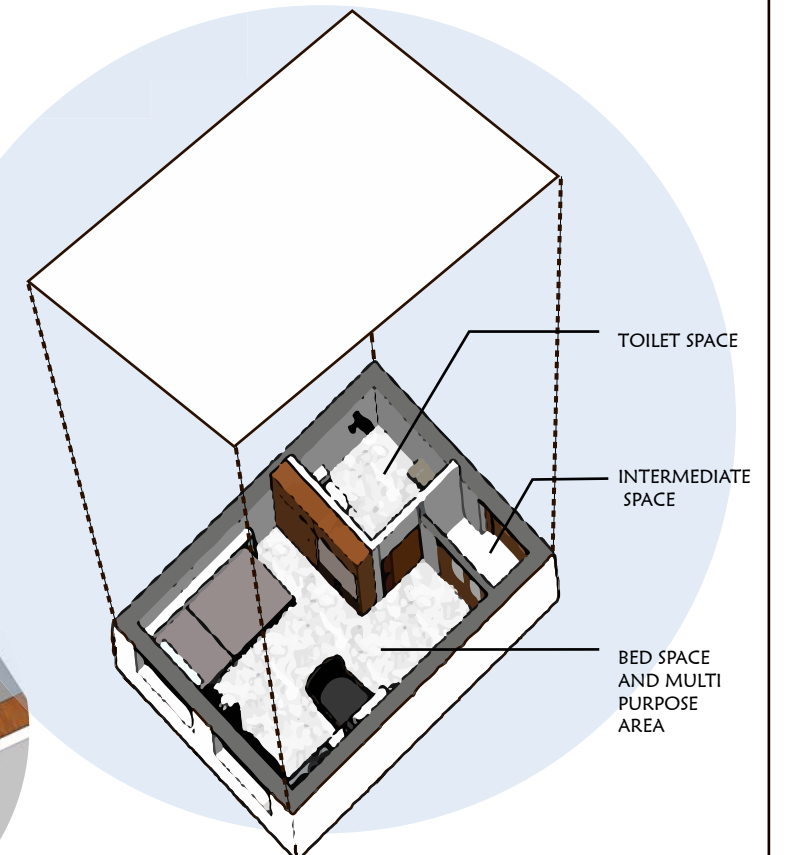
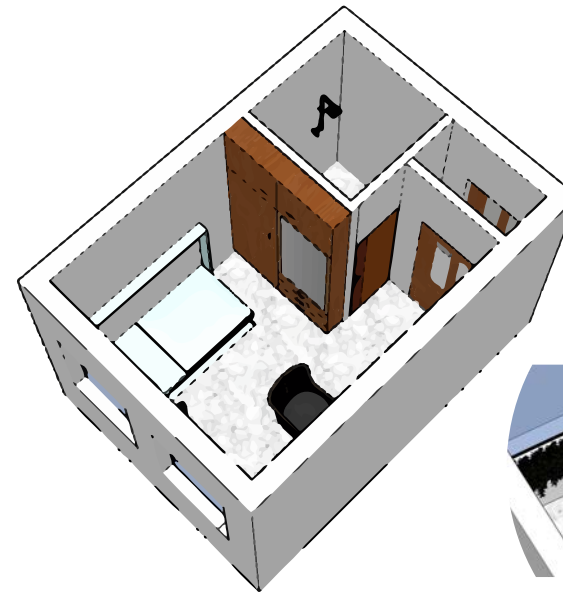
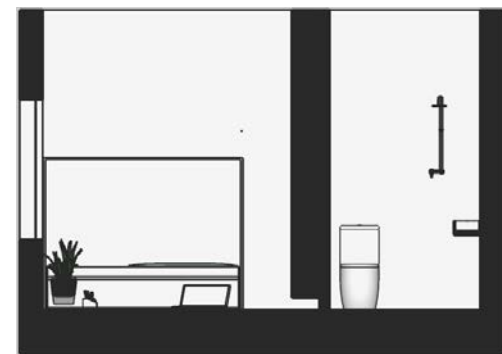
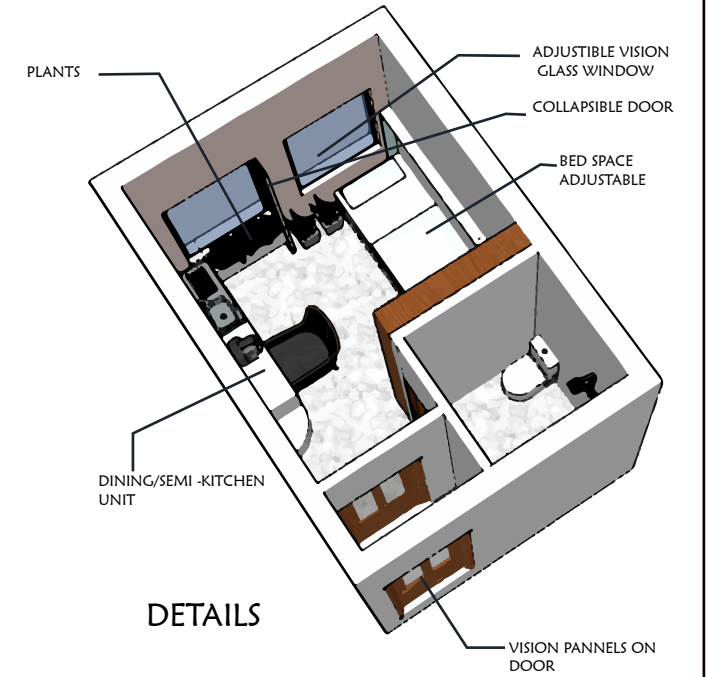
ROSMI GEORGI

01





1. ENTRY TRANSITIONAL SPACE WHERE SUFFICIENT MATERIALS CAN BE PROVIDED FROM THE FAMILY MEMBER. -AUTOMATIC DISINFECTANT ROOM
2. MULTI ACTIVITY ROOM ROOM FOR EXERCISING,DANCING, DOING YOGA ETC. CAN BE ENLARGED USING THE COLLAPSIBLE DOOR
3. SEATING SPACE
4. DINING/SEMI KITCHEN SPACE WITH A COFFEE MAKER, BREAD TOASTER, WATER PURIFIER, SMALL REGRICERATING SYSTEM, INTENTION COOKER...ETC.
5. EXTENDABLE STUDY TABLE
6. MORPHY BED(MULTI USABLE)
7. DRESS WITH A MIRROR, SPACE ON THE LEFT AND T.V SPACE ON THE RIGHT.
8. TOILET, DRY AREA
9. WET AREA
10. BOOK SHELF
11. EMERGENCY CALL UNIT, CALLING BELLS, DOORS WITH VISION AND SOUND TRANSMITTING PANELS.



# QUARANTINE POD

JISNA THOMAS

ROSMI GEORGE

02

