

# *Architects in Schools*

---

## **Class 3: ADU & Program**

VISUAL IDENTITY



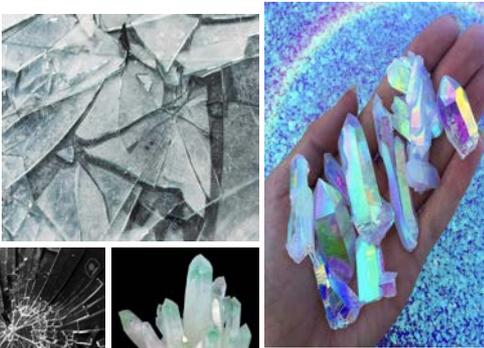
Forest, woody, earthy,  
calm



Wavy, smooth,  
happy, vibrant



*Time to share our  
mood boards!*



Sharp, crooked,  
serious



Winding, flat,  
peaceful



# Zaha Hadid



British-Iraqi architect  
born in Baghdad, Iraq  
in 1950



Swooping curves  
Modern  
New, clean  
Wavy  
Smooth, soft  
Melted, melty  
Amazing, impressive  
Rain, water, river  
Open, accessible  
Futuristic  
Inviting  
Relaxing  
White,  
Mono-chromatic  
Flexible

# Daniel Libeskind



Polish-American architect born in Łódź, Poland in 1945



Jagged  
Ice  
Crystals, geometric  
Spikey  
Pointy, sharp  
Abstract, unique  
Star-like  
Shiny, reflective  
Transparent  
Rocky  
Triangular  
Cold  
Overwhelming  
Reaching out  
Eye-catching



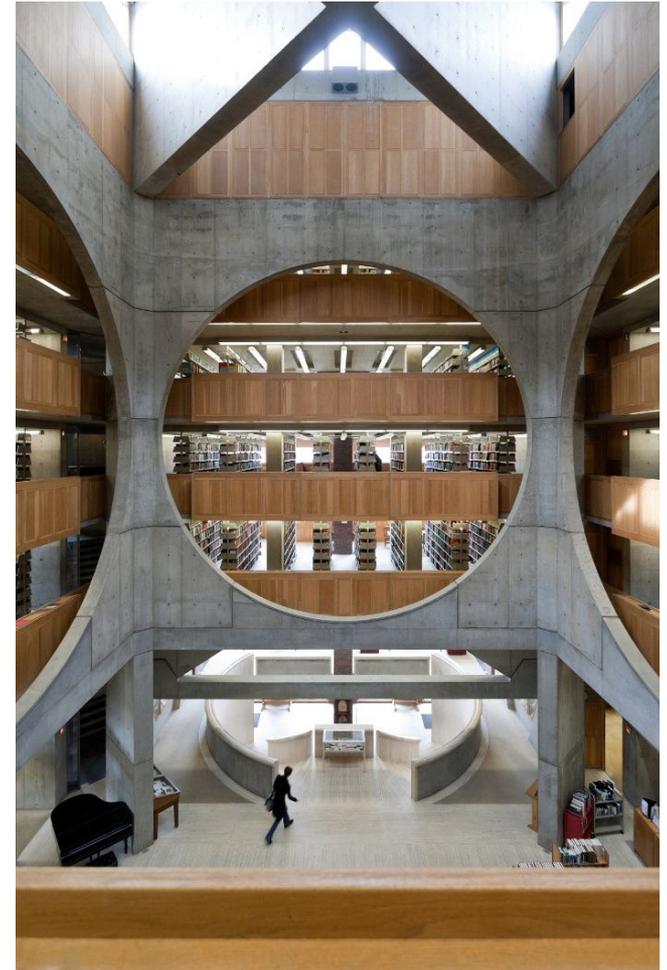
# Louis Kahn



American architect born  
in Russian Empire  
(Estonia) in 1901



Large mass  
Cut outs  
Blocky  
Geometric  
Heavy  
Solid  
Thick  
Organized  
Colossal  
Powerful  
Calm  
Whimsical



# Francis Kéré



Burkinabé architect  
born in Gando,  
Burkina Faso in 1965



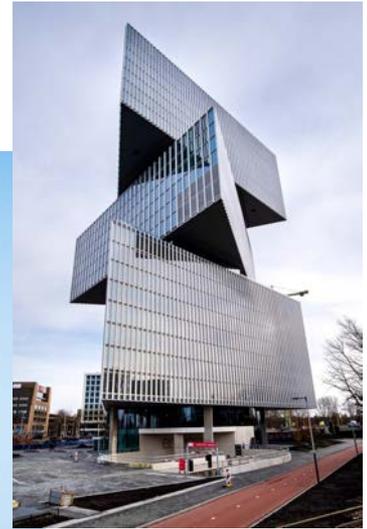
Geometric umbrellas  
Light  
Delicate  
Oval (ovular, like an egg!)  
Breezy  
Open  
Natural  
Thin  
Vibrant  
Screened  
Covered



# Rem Koolhaas



Dutch architect born in Rotterdam, Netherlands in 1944



Blocks  
Stacked  
Geometric  
Offset  
Shiny  
Legos  
Gravity Defying  
Surface patterns  
Twisting  
Contrast nature  
Organized  
Powerful  
Modern  
Colossal



# Kazuyo Sejima



Japanese architect  
born in Hitachi, Japan  
in 1956



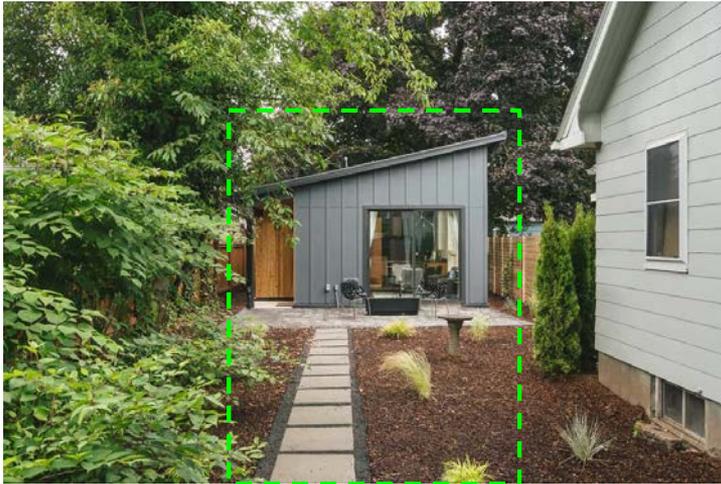
Flat  
Snake-like  
Curvy  
Skate park  
Hilly  
Smooth  
Wavy  
Nature  
Coral with holes  
Swiss cheese  
Vast  
Sprawling  
Calming  
Soft  
River

# What is an Accessory Dwelling Unit (ADU)?

- An ADU is a second smaller home on the same property as the main home
- Also called secondary units, in-law suites, and family apartments
- ADUs are self-contained
  - They have all of the same things as the main house



# What is an Accessory Dwelling Unit (ADU)?



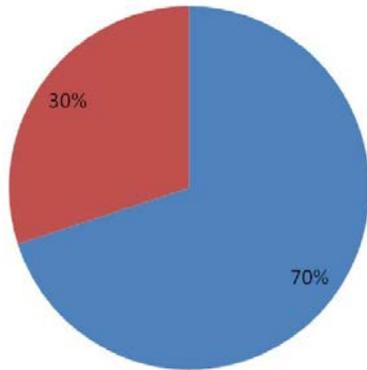
# How big is an ADU?

- They can range in size from 200 sf to 1,200 sf
- About 1 to 4 school busses
- Average house has an area of about 2,600 sf
- So an ADU is around 25 - 45% as big as the main house



# Who lives in an ADU?

- Parents, Parent in-laws, grandparents
- Family and friends
- Renters



■ owner occupied  
■ non-owner occupied



**Accessory Dwelling Units**  
Infographic by Ryan Sullivan / [www.pasteinplace.com](http://www.pasteinplace.com)

■ LIVE ■ RENT

# Why own or live in an ADU?

- Affordable solution
  - Owners can earn money
  - Renters can save money
- Environmental benefits
  - Takes up less land than larger new homes
- Have family/friends close by with their own space
- Can create new friends



# What *program* does an ADU have?

## Program:

What spaces a building has, and how people will use these spaces

- Kitchen
- Dining room (place to eat)
- Bedroom(s)
- Bathroom
- Living Room
- Storage space
- Laundry room
- Outdoor space
- Home office
- Game room

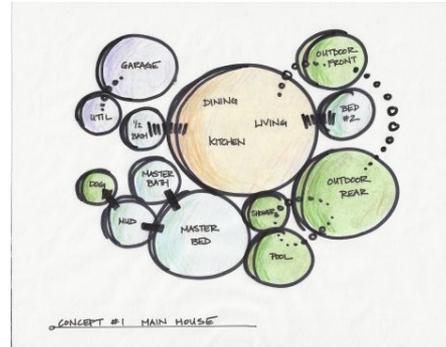


# How do architects start to layout a building?

- First think about what spaces in our program should be next to each other
- Second we create a layout of the spaces in our program and show which spaces connect to each other

Program:

- Outdoor space
- Living Room
- Kitchen
- Dining room
- Bathroom
- One bedroom



**Activity!**

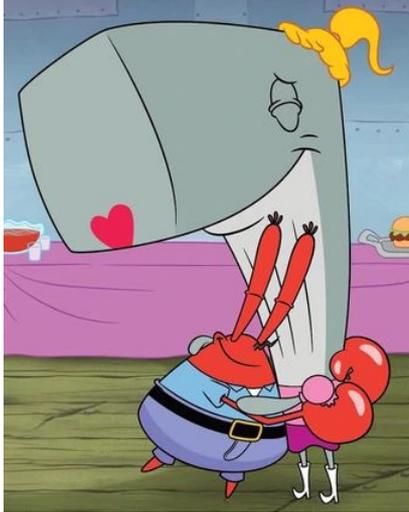
**As a group, practice creating a  
program and floor plan layout for  
your **client!****

**Client: The person/people you are designing for.  
In your case, the person/people who will be living  
in your ADU.**

# Who is our *client*? Who will be living in our ADU?

Client:

The person/people you are designing for. In our case, the person who will be living in our ADU.



Client: Mr. Krabs

Pearl wants her dad, Mr. Krabs, to live near her because she misses him. Mr. Krabs loves money and wants to save some by living with Pearl, but he wants his own house for privacy.

# What *program* does Mr. Krabs' ADU have?

Program:

What spaces a building has, and how people will use these spaces

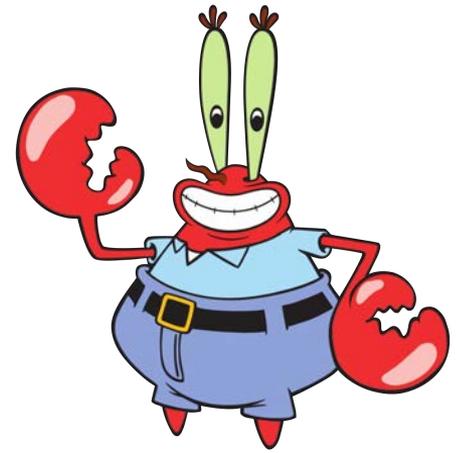
What spaces does Mr. Krabs need in his ADU?

- Kitchen
- One bedroom
- Money room
- Home office
- One bathroom
- Dining room
- Garage
- Small living room
- Laundry room
- Garden
- Pool
- Secret formula room
- Entryway
- Shared patio with grill



# How should Mr. Krabs' ADU be laid out?

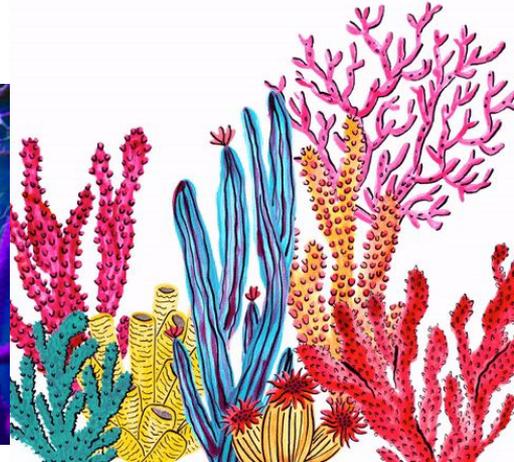
Remember: Think about what spaces should be near each other



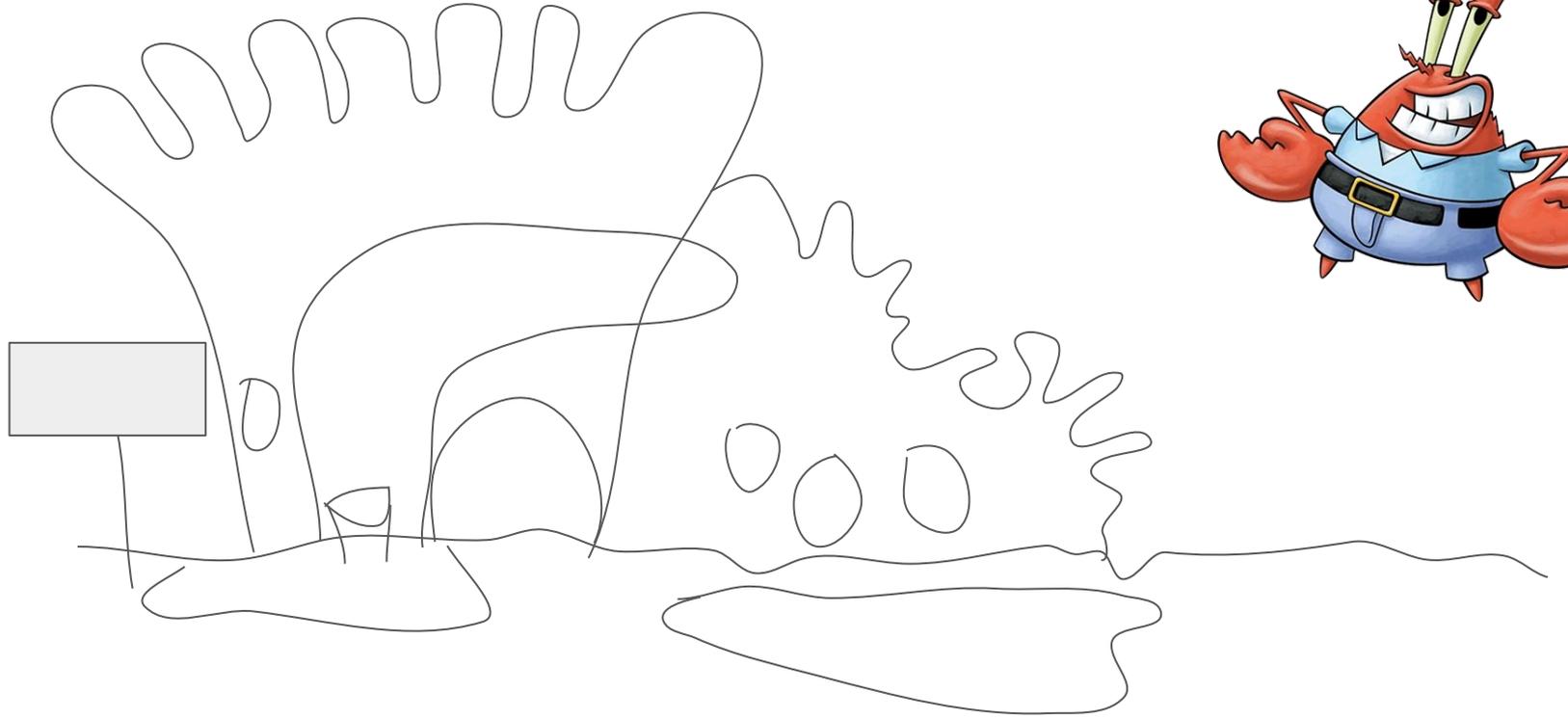
# Which architectural style? *Tropical Coral style!*



Wavy  
Round  
Poking out  
Abstract, unique  
Star-like  
Transparent  
Rocky  
Reaching out  
Eye-catching  
Bright colors  
Intricate  
Pokey



*Sketch Mr. Krabs' ADU*



*Great Job! Mr. Krabs and Pearl are very happy  
with their new ADU!*



# **Activity!**

## **Create a program and layout for your client!**

**Client:** The person/people you are designing for. In your case, the person/people who will be living in your ADU.

- 1. Choose a client! Think about who will be living in your ADU. Perhaps it is your grandparent, your friend, or even you!**
- 2. Create a program! Make a list of the spaces the person/people living in your ADU will need!**
- 3. Create a layout of the spaces in your program!**
- 4. Sketch the outside of your ADU in the architectural style you chose!**