# PORTFOLIO

Manasi Bhuskute

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Architecture for democracy

## 2. Spirit of the city
a socio-cultural analysis of Pune

## 3. Sketching through the city
a compilation of live sketches of Pune

## 4. Streets of India
a concept video game design

# Architecture for Democracy
## (Graduation thesis research, Guided by Prof. Aarti Verma)

Architecture and planning have been used to showcase prospects, goals and power of a nation. The research focuses on understanding how are political ideologies translated into built form and how do these environments influence the masses.

**What are the ideal spaces for a democracy?**
**How can democratic ideologies be translated into a built form?**

The research done for the project has been compiled in a 4-fold brochure to make it easy to understand during physical interaction.

**"Democratic buildings are again for and belong to the people; they are for men and women to live and feel at home"**

-Frank Lloyd Wright

# Architecture for democracy

Manasi Bhuskute
(Undergraduate thesis project)

Architecture and planning have been used to showcase prospects, goals and power of a nation.
The research focuses on understanding how political ideologies are translated into built form and how do these environments influence the masses; along with, what are the ideal spaces for a democracy?

**How can democratic ideologies be translated into a built form?**

## Politics and architecture

Architecture as a means of propaganda and expression


Hall of people (Volkshalle) (Unbuilt)

- Monumental forms
- Militaristic tendency
- Repetitive patterns
- Anti individualistic character
- Expression of dominance through buildings

**IMPERIAL OR FASCIST IDEOLOGIES AND ARCHITECTURE**


Workers' club, 1928

- Geometric forms
- Use of glass, r.c.c. to showcase industrial prowess of Russia
- Targeted user group: worker class
- Philosophy of worker dominated nation).

**COMMUNIST IDEOLOGIES AND ARCHITECTURE**

## Indian democracy through architecture


Palace of Assemblies, Chandigarh    IIT Kanpur

**INSTITUTIONAL ARCHITECTURE :**
A tool of representation at a global level


Aranya Housing, Indore    Atre Katta, Thane

**SOCIAL ARCHITECTURE :**
Institutional to social: Dilution of grandeur, Spaces for the common man

**Project Scope : "social sphere"**

## Democracy : Idea

- "Decisions are taken by the people or their representatives"
- **Necessity of a "looser" diaologe** in the early stages of a decision making process
- Subjectless decentralized conversation and participation

Democratic built forms :

**Spaces that enhance the sense of "we"
Spaces for public debate and dialogue**

Are the incidental space on Indian streets, democratic?

## Democratic buildings : examples
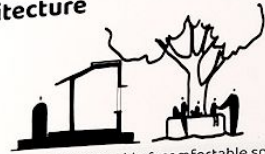


BARCELONA PAVILIO, Mies van der Rohe

- Symbol of democratic architecture
- Blurred boundaries between interior and exterior
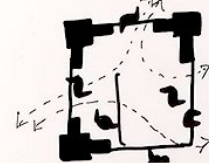- Fluid spatial combination- Possibility of "choice" – sense of freedom



Spaces by Ar. Charles Correa

- Accomodating "every" user
- A deep reflection of the traditional Indian architectural characteristics
- Human scaled forms
- Spatial Plurality: Range of volumes for the eye to rest

## Characteristics of democratic architecture



Human scale : Relatable & comfortable spaces



Porosity – openess



Non - monumental spaces, spaces for the commons



Amorphous boundaries - sense of "ease" in the spaces



Adaptability : Dynamic and ephemeral spaces



Flexibility through interconnected spaces

The design : Community centre in Pune

Green bed –
water channel

Steps as a transition
from footpath to center

Stage and
seating

Street
parking

Central
performance
space

Paars

Public toilets

Food stalls

ENTRY

MUSEUM OF DEMOCRACY

MULTI-UTILITY
HALL

COMMON
HALL

CANTEEN

COMMON HALL 2

Exercise zone

Museum
Sculpture

Green Buffer

Walking tracks

Hawkers zone

Paars

Seating

Rainwater runoff
into soil beds

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and feel at home."
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# The Spirit of a City

(Competition entry - group project)

Pune is the cultural capital of Maharashtra, India. It is one of the oldest city of India that shows the traditional evolutions of old Indian cities.
The brief aims at analysing the "Spirit" of Pune as per sociologist Patrick Geddes' theory of "Work-Folk-Place"

The theory states that for stable, healthy homes and for people to fully participate in life, it is necessary that there must be a close association of "work", "folk" and "place" in a city.

पुण

The spirit of the city is seen on the streets and in the hearts of the people.

The presence of a plethora of activities (Work), the emotions of the people (Folk) and their attachments (Place) contribute to the city's spirit.

The triad of temples (place), commercial areas (work) and residential areas (folk) is seen in adjacencies in the core city areas.

## Significant areas of the city

TULSI BAUG

SHANIWAR WADA

MANDAI

PASODYA VITTHOBA
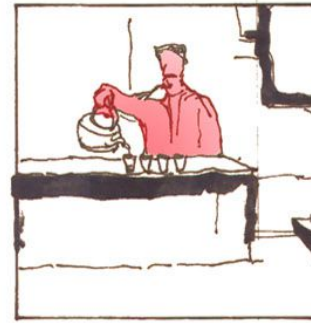
TAMBAT ALI

KASBA GANPATI TEMPLE

# Instances of "work" in the city : People engaging in their activities



People selling garlands infront of temples



Visiting the temple is an everyday ritual



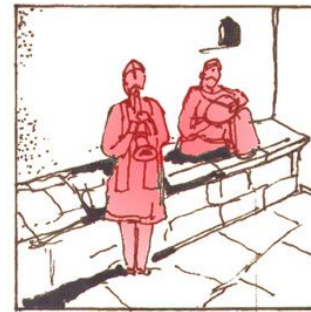Tea stalls and street food vending, all day round
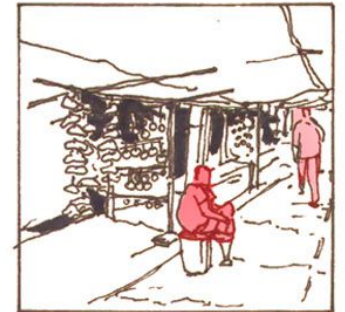


Vegetable sellers in their form



The Tambat Ali - work places of the coppersmiths



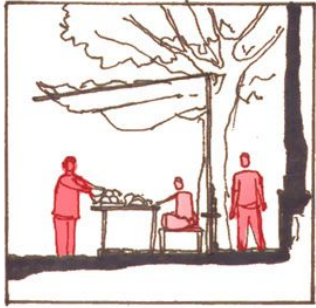Work not limited to indoors, spilling over the streets
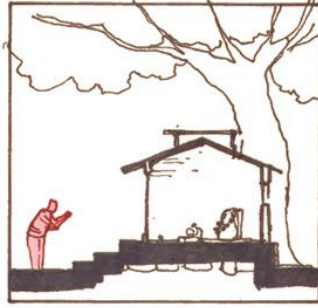


Musicians of the temples- a daily performance



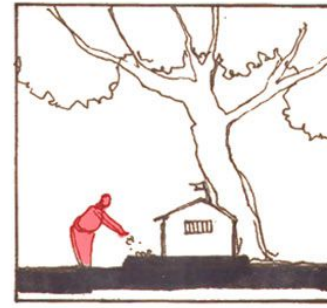The lanes of the bazaar flooded with vendors

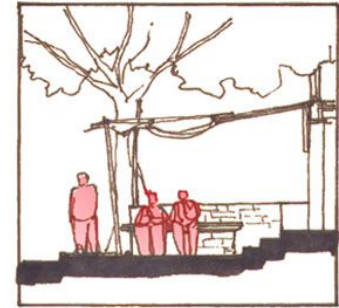# Instances of "place" in the city : Spaces between the built and the unbuilt

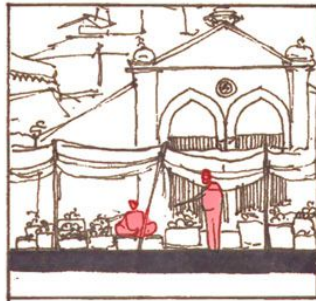Between the buildings and the road

Temples of platforms under old trees
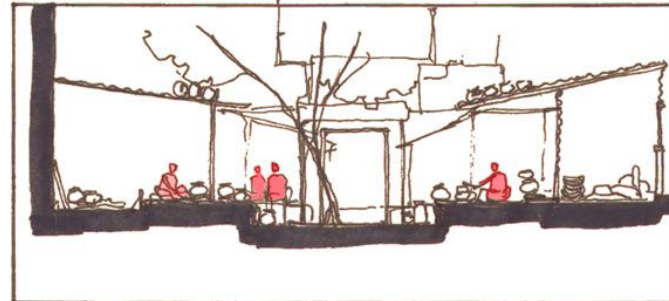
Small places of worship along the streets

Temporary spill over spaces

Infront and around the "built"

In the small lanes, developed through ages

Temporary structures, taking the support of the built structures

# Conclusion : Reasons of sustainance of the spirit
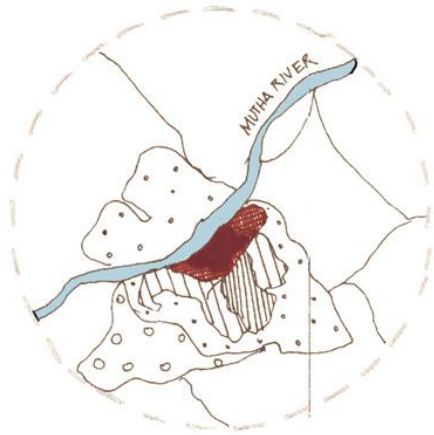


GROWTH OF PUNE OVER THE LAST 3 & 1/2 CENTURIES

| | | | | | |
|---|---|---|---|---|---|
| ■ | 1600 | ⧄ | 1820 | ☐ | 1950 |
| ▨ | 1700 | ⬚ | 1890 | | |
| ⫿ | 1764 | ⬚ | 1935 | | |

The traditional core of the city has remained intact eventhough the city has evolved
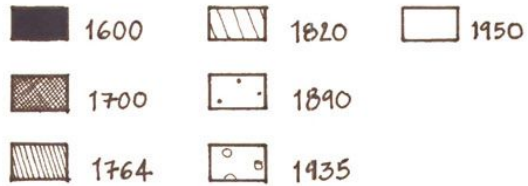
Foundation of profession based neighbourhoods has sustained communities since hundreds of years

Because of the work-folk-place adjacency, all amenities are available nearby
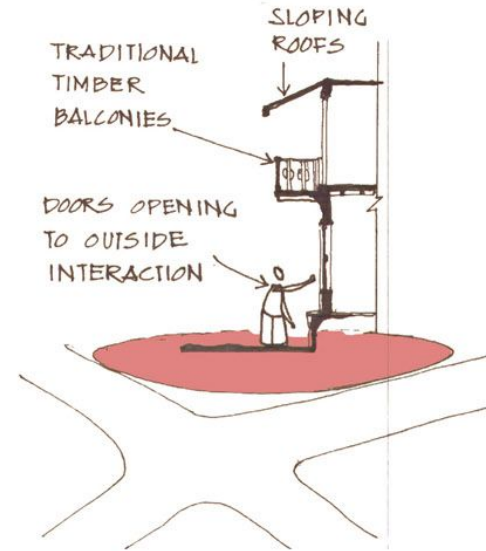
People have deep attachments with their ancestral heritage, they hesitate to move away

# Sketching through the city

a compilation of live sketches;
Theme : traditional architecture of Pune

**Entrance facade of the Tulsi baug Ram mandir**
The Tulsi-baug Ram Mandir is an old temple of Lord Ram. Old wooden structures occupied by shops form interesting compositions.

Manasi Bhuskute

## Mandai, the marketplace
The marketplace, called as "Mandai" is an old colonial structural that houses several vegetable and fruit vendors.

Shree Panchaleshwar Mandir
Karve road, Pune, 3|10|21,
Sunday, 9:00am

श्री पांचालेश्वर मंदिर

**Panchaleshwar temple**

The temple is located along the banks of river Mutha. The view is now accompanied by the metro infrastructure currently being built.

# Streets of India
## a concept video game design
(in process)

The project aims at depicting the journey of a pedestrian along the footpaths of India, through a side scrolling game design.
I enjoy going outside and sketching people and places in my city, Pune. The cluttered streets of Pune, similar to every other Indian city have always fascinated me and are a great sketching subject! Through this project I wanted to explore the "design" dimension of urban sketching, which normally is just limited to the the person sketching and their surroundings. Thus, my focus, currently lies in designing the environment and background design.

# Understanding the streets..

 The streets : Clues regarding values

 Different speeds, different purposes, different narratives
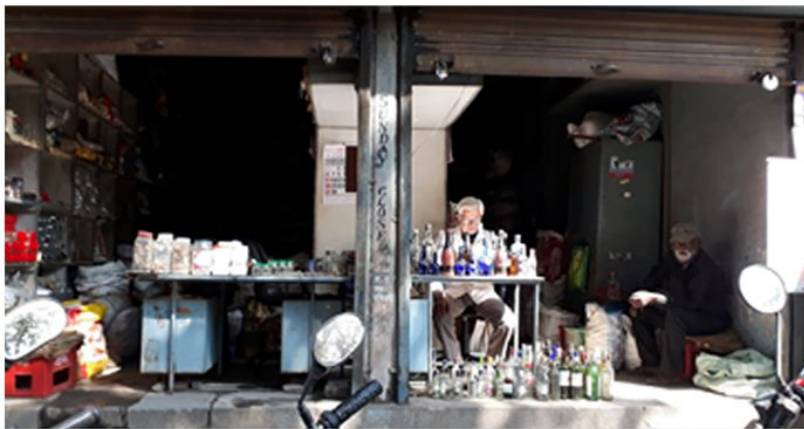
 Co-existing diverse activities

 Sequences of interruptions and encounters

 Temporal activities, temporary disorder

 Each with their own sense of ownership

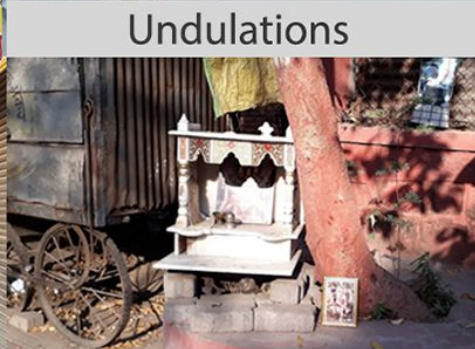Honest shopfronts

Layers of encounter and opportunities

Always under the trees..

Undulations
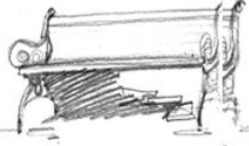
"My space"

Believes

Values

**Observing, interpreting**

निरा

गुणे महानगरपालिका

वाहनतळ →

# The elements

**Footpaths**
- Broken Kerbs
- levels, ramps
- Bollards
- Temp. Seatings
- Permanent
- Medians
- Plants
- light poles, electric boxes, letter boxes

**Signages**
- location, places
- Information
- local leaders
- By govt./corporation
- Parking (P1/2)
- Advertisement
- Political parties
- loud
- Billboards
- Nameplates — local lang. english

**Temples**
- beggars
- large
- crowds
- Individual ecosystems — coconut, flowers etc.
- Vendors
- small
- paars

**Compound walls**
- Fence — corrugated sheets
- Temporary
- old, long, continuous
- Institutions
- porosity / visual connect
- Stone, rec, brick
- Old trees peeping
- Colours
- Umbrellas

**Street foods**
- खानावळ
- Single Stalls
- Spill over of spaces
- On footpaths
- Under old trees

## The streets
### decoding the elements

**Streets vendors**
- Cluster, cartons
- Carts
- Sitting down
- Vegetable, fruits
- Markets, bazaars

**People, animals, vehicles**
- Sitting, standing, sleeping
- Dogs, cats, cows, bullock carts, pigs horses, camels

**Shop fronts**
- General stores
- Displays
- Medical, commercial zones
- Banks
- Bold logos
- Goods stacked, platforms, people waiting

**Transport modes**
- Taxis
- Queues
- Buses
- Bus stand
- Crowds
- Anticipation
- Rickshaws
- Bicycles
- Bold signages
- long lines

**Entrance gates**
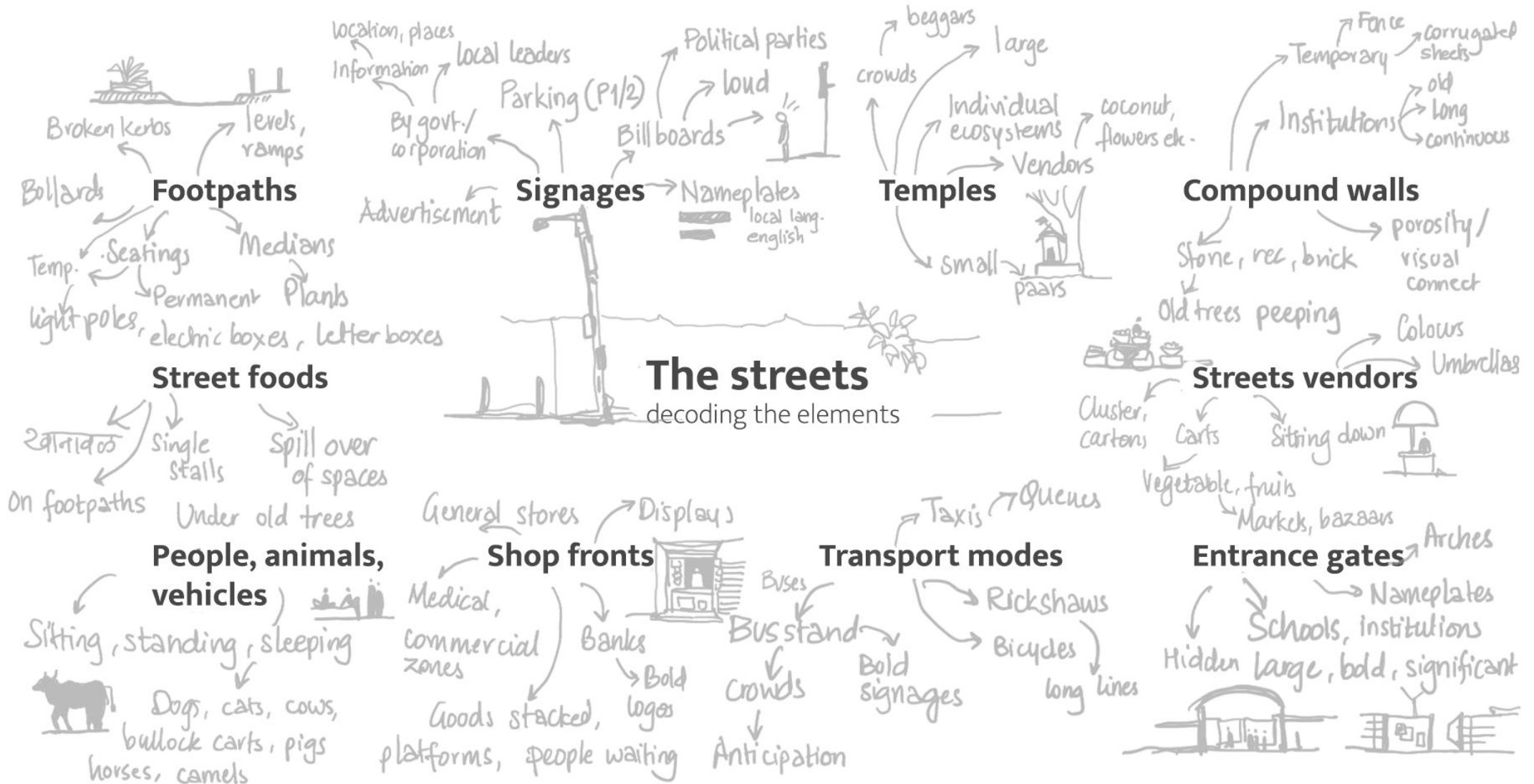- Arches
- Nameplates
- Schools, institutions
- Hidden
- large, bold, significant

# Game objectives

Raju, the main character is a young school boy. He has to complete the chores told by his mother while going home after playing with friends.
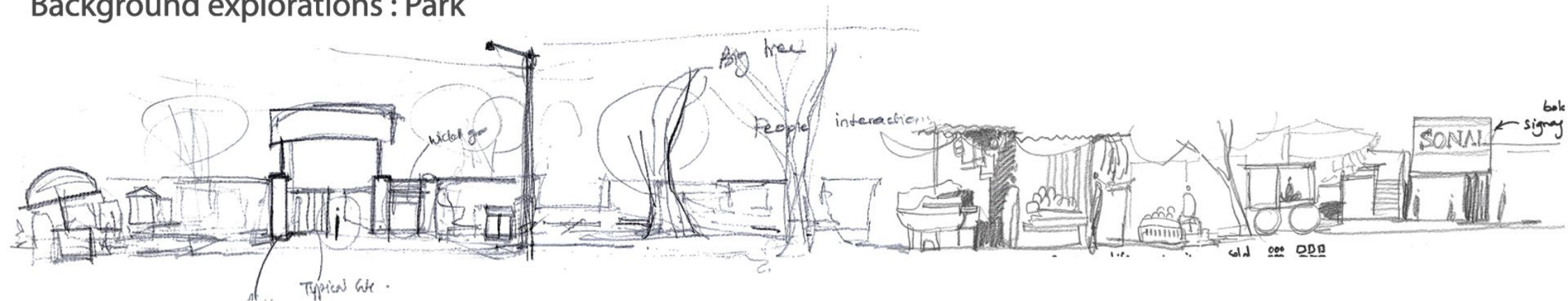
**Main Objectives:**
To complete the chores

**Secondary Objectives:**
Earn rewards, special prizes for every good deeds eg.: Save a cat or put trash in the dustbin

The complexity of tasks increases with levels and player has to interact more with the environment.
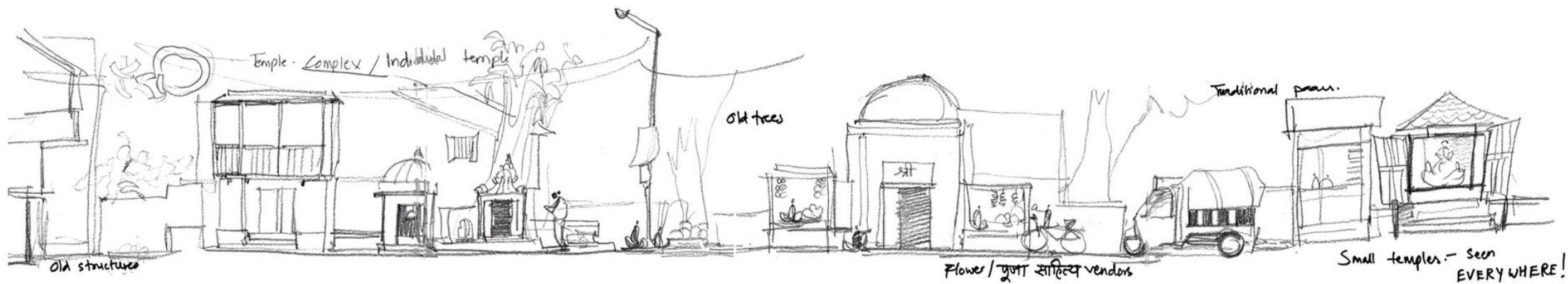
**Background explorations : Park**



**Background explorations : School entrance**

Character
explorations

**Background explorations : Temple complex**



**Background explorations : Market**

Chores:

Coins available = 100Rs.

1. Buy milk
2. Post letter in letter box
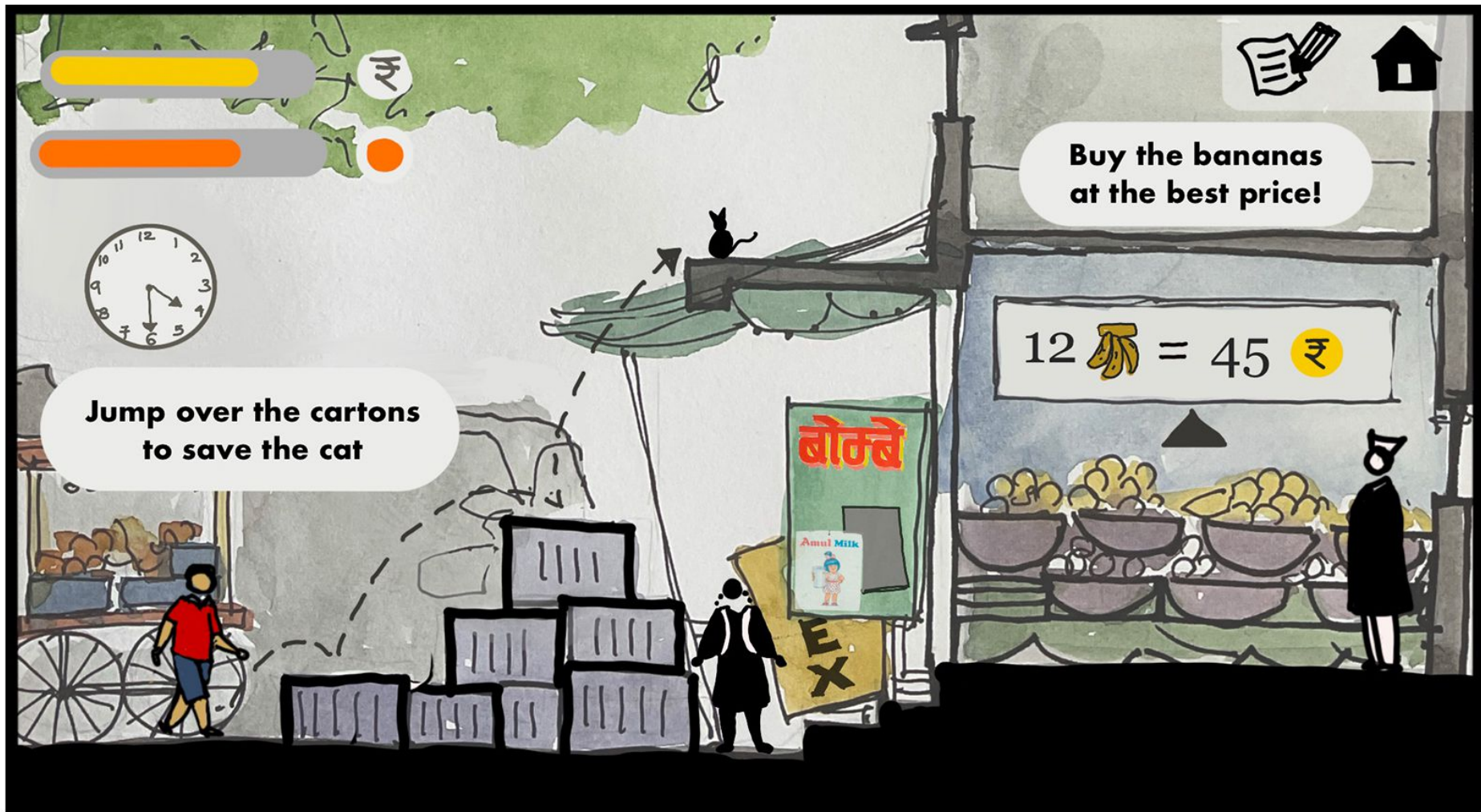3. Buy 6 bananas for Rs. 15

Extra points

Collect energy

1. Save cat stuck somewhere
2. energy points under old trees

Activate cycle mode
Activate different zone after collecting key

The start : Raju has just finished his match and has to complete the tasks given by his mother before coming home!

A cat needs help! Raju must save the cat before buying half a dozen bananas.

The streets are the best parkour spot! Jump over the obstacles and boost your energy!

Oops! Looks like Raju needs to come back at 5 to tick another task off his list!

Finally a letter box! Oh, and that grandma needs help!

Is that a cycle under the clothes the vendor is selling?

Such small doors of the traditional "wadas" seem like a hidden entrance amongst the haphazard facades!

The end: Collecting the bonus energy takes Raju directly home!

# झकास! लेह्य पदार्थ

## The (left) side dishes of Marathi cuisine
(On going project)

Chutneys are an important side dish of a marathi thali. Through this project, I have tried to document some traditional marathi chutneys in the form of a "recipe-guide".
We enjoy full course marathi meals in our family at every get-together and chutneys have always been an all time favourite. Through this guide I wanted to compile some of these delicious recipes to cherish the food and memories.

# GETTING TO KNOW THE RECIPE



Ingredients

Dry (Grated & roasted) Coconut (खोबरं)

Good to use one with colour!

Red chilli powder

(Used to grind) खलबत्ता (heavy, metal)

Better to use a towel to dampen the vibrations!

Garlic (Fresh, 8-10 petals)

Groundnuts Roasted, peeled. [Roast till golden brown]

Tamarind Dried, Salted also works!

Hold the container for a better grip

(*take care of your thumb!)

सावकाश गं sss !

THE FINAL CHUTNEY!

Pay special attention to raw garlic, as compared to dried ingredient

शारखं बघत रहा चमच्यानी !

Step 1. Put the ground nuts, dried coconut shavings, garlic first in the container.

gently pound, then increase force

Grind till the mixture starts to become oily.
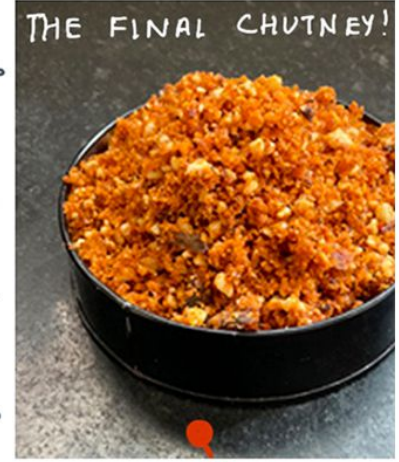
Intermediate step : Grinding & pounding 75% complete.

Step 2: Add, salt, red chilli powder as per taste

Step 3: Keep mixing with spoon frequently, otherwise the oil settles in the bottom.

+ Tastes best with curry rice, wada pav, thalpeeth!

## Garlic (lasun) chutney

# GETTING TO KNOW THE RECIPE



Ingredients - Panchamrut (पंचामृत)

Roasted coconut (small pieces)
Ground nuts (roasted)
Tamarind
Sesame seeds
Jaggery

Grind the nuts (by hand) till they break into pieces.
Same for sesame seeds. [भरड करून घेणे]

Groundnuts, sesame seeds, coconut, tamarind, jaggery.

Add the 5 foods

Let the mixture boil.
Keep stirring, ensure that the jaggery dissolves fully.

Keep stirring to avoid burning the ingredients.

- Green chilli pieces
- Curry leaves (कढीपत्ता)
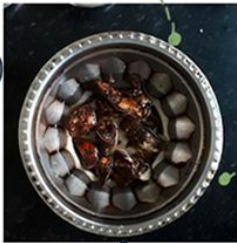- Asafoetida (हिंग)
- Garam masala
- Cumin seeds (जीरा)
- Mustard seeds (all for taste)

Heat some oil, add cumin seeds chillies, curry leaves. Keep the gas to a medium.

Add water as per necessity.

Soak the tamarind in water, heat at medium flame.
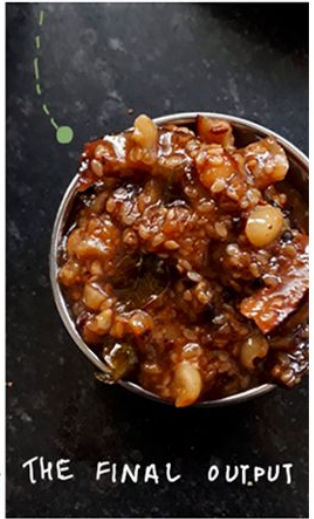• Put the mixture through sieve to form tamarind syrup.

• Stir frequently and ensure the food does not stick to the vessel.

THE FINAL OUTPUT

Panchaamrut is a sweet and sour side dish, often served in a typical Marathi thali.

**Panchaamrut**

The recipes consist of several ingredients and specific ways to handle them. After making the chutneys the next step was to understand my gradmother's tips and organise the information into clear steps.

## Organising the information

Information regarding the food
History, significance

Ingredients - Quantity - specifications
Food + Utensils
Main food ingredients + spices

Preparation required before starting

Steps - With some tips

Serving tips

## The book - contents

Information regarding the food arrangement of Marathi thali

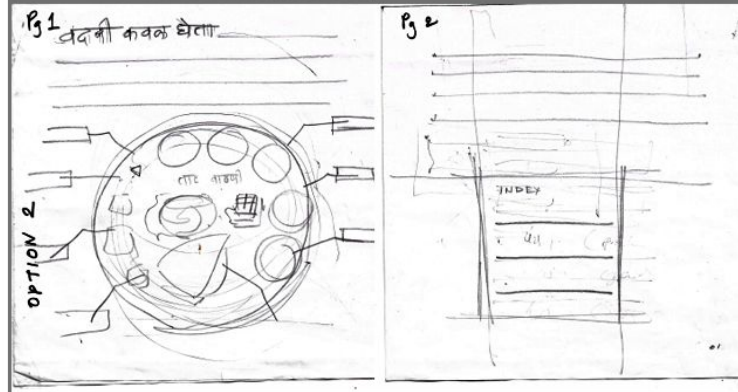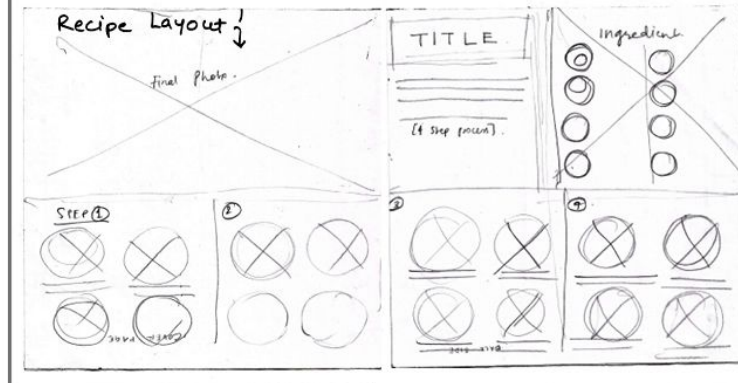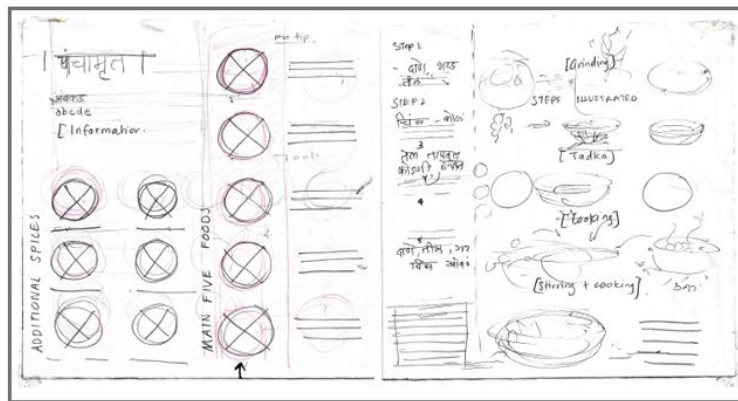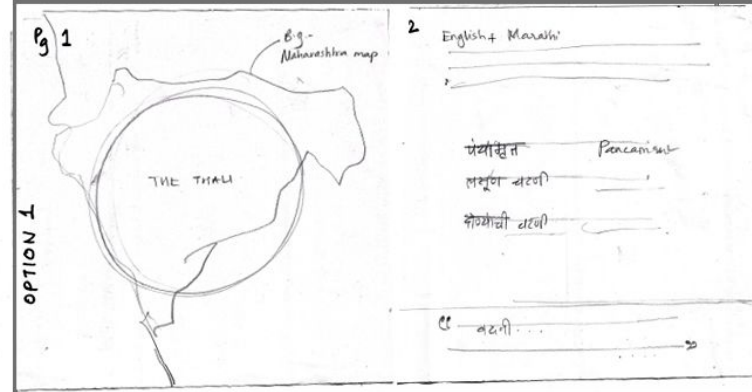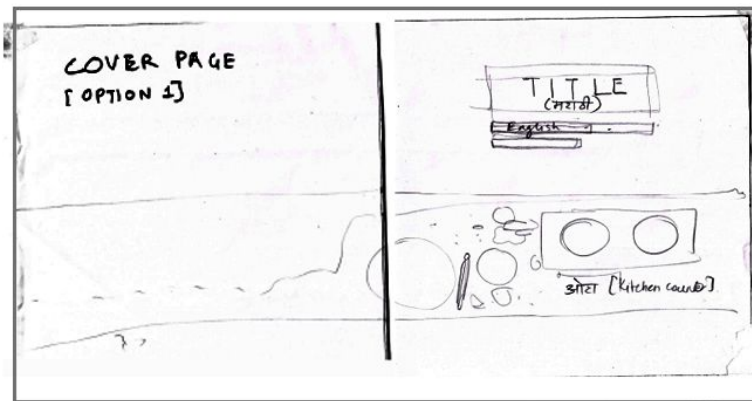The Marathi culture in brief - importance of left side dishes
Index

Panchaamrut recipe

Garlic chutney recipe

Groundnut chutney recipe

# Page wise contents

## Cover Page:
Title + Illustration
(Illustration related to kitchen table, typical items in an indian kitchen)

## Page 01
Information about Marathi food arrangement

## Page 02
Recipe guide- introduction
Index

## Page 03-08
Recipe illustrations
-Panchaamrut
-Garlic Chutney
-Groundnut Chutney

Extra Curricular Activities, Work Experience

# Outdoor sketching workshops at NASA 2020 and BNCA Culturals 2020

As a part of the Host batch of the annual college event in 2020, I got the opportunity to share and demonstrate the process of outdoor sketching for the junior batches. I participated in a similar event as a tutor at the Annual NASA Convention, 2020, at Banglore.

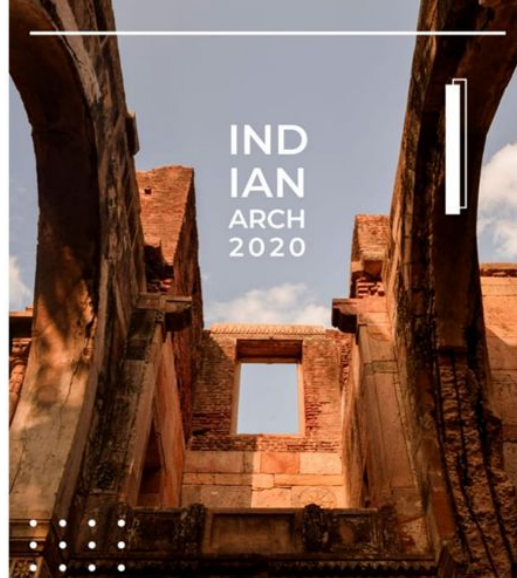Portcards and Bookmark designs for a stall at a Flea Market

T shirt Design

What's Next?

To celebrate our 5 years of friendship, I designed a Tshirt for my friends and I. The seven drinks of the design represent each one of us, as those were our go to drinks in the college canteen.

# Article published in Indian Arch 2020 Magazine

I wrote and illustrated for an article in the Annual Indian Arch Magazine regarding my experiences and my hobbies during the lockdown times.



INDIAN ARCH 2020

IND IAN ARCH 2020

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## THE PROCESS, A MENTION

*Lovejit Singh Saka | Delhi Technical Campus, Gr. Noida, (GGSIPU)*

Seeing the natural world, for it's more fantastic than any dream made.
The facades, the beauty, the proportions, all created without human aid.
Everything in perfection, perfectly conveyed,
from just to bloom lives, to dead's grave.
There sits the man, trying to figure out his plan,
diving into the depths of observation, gets a faded inspiration.
Inspiration for what he was about to design,
Giving him his conceptual spine.
Takes out his sketch book, imprinting his thoughts' outlook.
Scribbling, stippling and stroking
With ideas soaking, hands provoking.
Elevations, plans and sections,
Detailing out all, from the abstractions.
And then, the lines on paper stand out
Towards realty, from a silhouette.
Projecting out the sheets,
Transforming into solid concretes.
The space, the structure is created,
Inside which a new charm is activated.
The man, as a user, then gives it a meaning,
A meaning to the space which is now overweening.
Accomplishing this network of columns and beams,
He finally makes his way towards a dream inside a dream.
Thus, happy, relaxed and satisfied,
Adds another batch to his pride.
Something on 2-dimensions has added to it the third dimension.
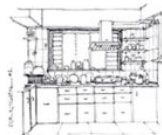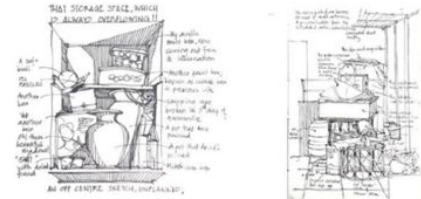With the passage of the so called fourth dimension, a mention.

*Photograph by Rutu Kewadiya*

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## SKETCHING DURING QUARANTINE

*Manasi B | Dr. B. N. College of Architecture, Pune*

The pandemic was a wholly unprecedented situation and it brought with it some challenging times. The persisting lockdown forced us to stay confined to our own homes. Routines became monotonous and it tended to be extremely difficult to stay sane in the same space 24X7. Many people tried to explore ways to deal with this slumber, for me, live sketching proved to be an excellent source of recreation. Sketching is not only a powerful tool for expression but also an all-inclusive medium of documentation. To me, every sketch is a source of inspiration for the next. Sketching has developed my perception such that monotonous and mundane spaces now seem dynamic and a 5 roomed apartment is an endless source of inspiration.

Before the pandemic, I didn't know that the corners of a space and storage areas could have been so interesting! Clutter became an excellent way to brush up drawing free hand lines. Sketching such things took me to the past, giving a hope that these difficult times will also fly by.

Most of the time, kitchens are active spaces. They're an excellent subject with an organic composition of objects. It was really fun capturing rare silent moments in the kitchen.

The following sketch is a composition of serial visions through my house. I tried to capture the scenes that build up the journey from the entrance. This made me notice the importance of corners and how even the smallest furniture impacts user perception.

*The medium is black ink and fountain pen.*

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effortlessly forms a space around it. There are positive and negative spaces present s. They are engaged in their own play with light and shadows, and it is always a delight e such moments!

These are some views from my terrace. A medley of colors and sometimes, forms, grab my attention. Every time of the day offers different views. Even though the outdoor subjects are still and stationary, their reactions with the surroundings are very dynamic!

Our homes are an extensive collage of our interests and memories. Sketching showpieces definitely triggered nostalgia. The objects and the colors made me remember long lost interests. Even if we do not notice it, such mundane objects are a "still life" rooted to our emotions.

Thus, this quarantine became a wonderful opportunity to experiment and notice seemingly insignificant things that are a part of our life. I tried some excellent mediums like watercolors and fountain pens and sketch objects that I would never have noticed otherwise. It made me look forward to document such countless other scenes and prepare, once again, for outdoor sketching!

*Another interesting subject for sketching a food! Be it a finished cooked item or just the ingredients, it is fun to document the delicious colors. Every sketch is a reminder of the smells and the tastes!*

*This is a sketch of "the Indian Spice Box" that helped in adding many flavors to my life in these boring times!*

# Presentation drawings for The Love Triangle, Pune

I got the opportunity to illustrate activities and furniture for presentation drawings for a firm in Pune.
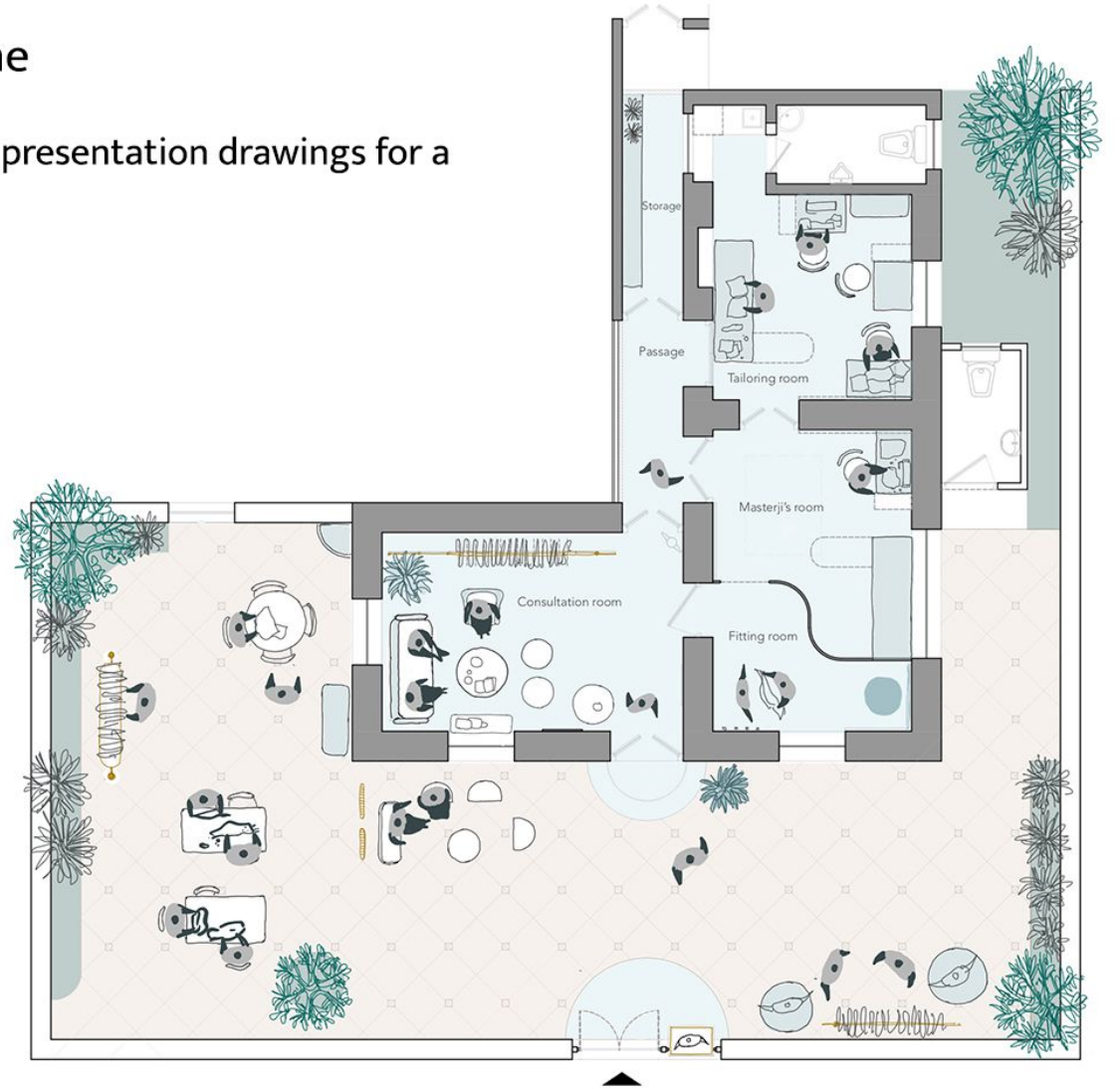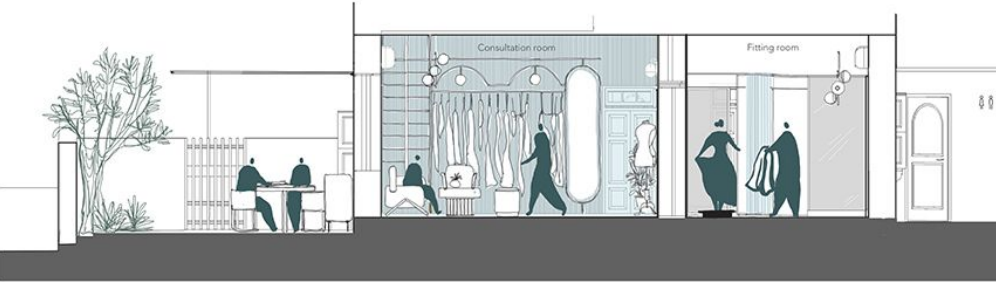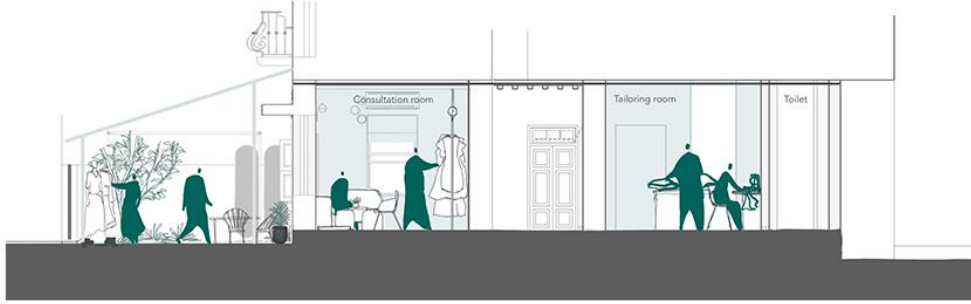
# Presentation drawings for Studio GA, Pune

I got the opportunity to illustrate activities and furniture for presentation drawings for a firm in Pune. these are frames for a 1 minute video. During this project I got a chance to explore the software Krita.