‘Dastan-e-Dastar’

An e-Book on Sikh Turbans

M. Des Project III
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Guided by
Professor Sudesh Balan

An Overview

- Why this topic?
- Survey on Sikh Turban
- Why an e-book?
- Ideation (low fidelity paper prototype)

- **Low fidelity Final Prototype (5 chapters)**
- **Design Elements**
- **Mid fidelity prototype (1 chapter) on Tablet & Users Feedback**

Why Sikh Turban ?

Photographer: Harpreet Chawla

“Half of India’s Sikh men now forgo the turban, compared with just 10 percent a couple of decades ago.”

- Jaswinder Singh, a lawyer and leader of a “turban pride” movement

Why Sikh Turban ?

Sikh Turbans are becoming one of the most **endangered cultural heritage of Punjab** due to the rapidity at which Sikhs these days are cutting their hair.

Reasons:

-Young Sikhs find the turban as a bother.

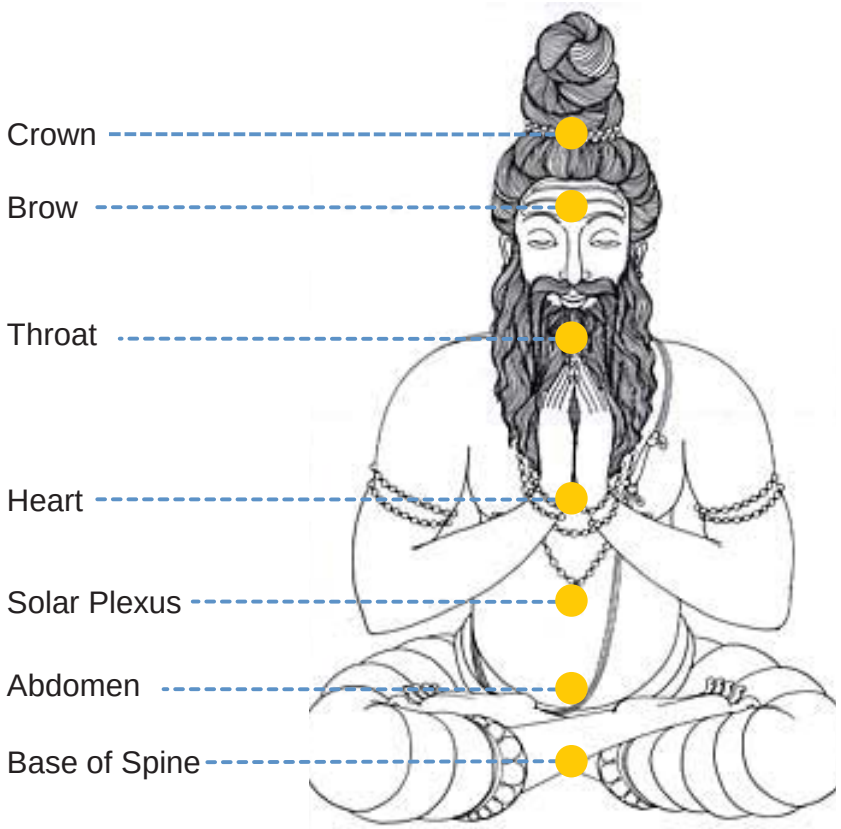
-Growing ignorance and misunderstanding about the role and purpose of the Sikh turban.

-Some abandoned the turban in self-defense in 1984 Anti-Sikh riots in North-India, leading to the massacre of thousands of Sikhs across India.

-Victims of mistaken identities especially after 9/11.

“Sikhs believe God to be a perfect creator. It therefore follows that whatever He creates is perfect. The keeping of uncut hair is therefore, recognition of God’s perfection and the submission of a Sikh to the Will of God.”

- Guru Granth Sahib



Why do Sikhs wear Turban?

The Turban for Sikhs is a gift given on Baisakhi Day of 1699 by the Tenth Master, Guru Gobind Singh.

Historical Context

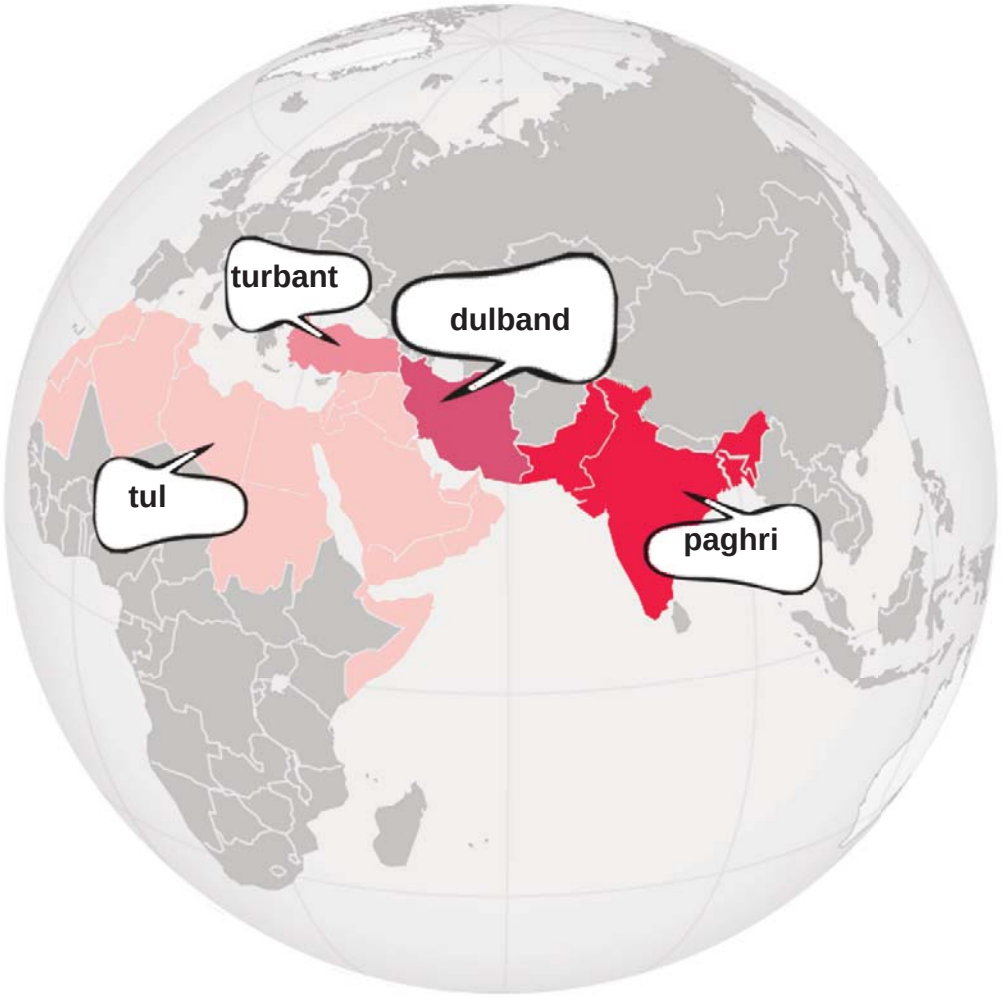
-Turban was introduced in Sikhism as an aristocratic attire to dissolve class discrimination

- As a mark of protest against Aurangzeb(17th centuary) , who had suppressed the custom of wearing turban for Hindus.

Spiritual Context

- To protect their long hair - tied in a knot on top of the head (right above the *Crown Chakra*) known as ‘**Rishi Knot’**.

What do Sikhs call their Turban?



Turban in Persian language is known as **Dulband**. Its etymology is apparently from **Dul** or pronounced by Arabs as **Tul**, or **Volvere** which apply to head-wrap.

From the Turks it passed on as **Tulipant**, **Tolliban**, **Turbant**, etc. and thus came to be known as **Turban** in English (during 15th and 16 century).

In Punjabi, it is commonly known as **Dastar** or **Pag**, in Hindi it is **Paghri** and in Urdu it is known as Dastar or Paghri.

Chira, Safa, Siropa, Madhasa, Keski and ***Parna*** are the other terminologies in Punjabi for turban.

Arab Countries **Turkey** **Iran** **Indian Subcontinent**

Types of Punjabi Turbans, Material, Sizes, Accessories etc.

There are around 23 types of Punjabi Turbans which can be broadly categorized under the following sections:

- As per Sects
- Profession
- Political parties
- Age group
- Region (in punjab)
- Social status

The size & material of the turban, as well as the accessories worn on it are determined as per category one falls under or the Sikh ceremonies / customs.

Connotation of Turban Colors & Sikh Ceremonies and Punjabi Folklores

Sehra Bandhi

Dastar Bandhi

Turban Color:

Saffron is associated with valour & wisdom. It is worn during rallies.

White is associated with peace and is worn by Elders or Namdharis (sect in Sikhs).

Pink & **Red** is associated with spring, is worn during marriage.

Navy Blue is the color of warrior and of protection.

Black represents surrender to Ego.

Camouflage pattern is worn by the military personnel.

Sikh Ceremonies:

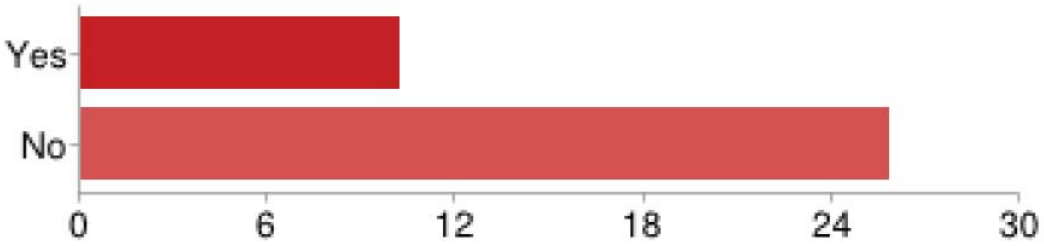
- Dastar Bandhi
- Sehra Bandhi
- Rasam Pagri

Survey on Sikh Turbans

Survey on Sikh Turban

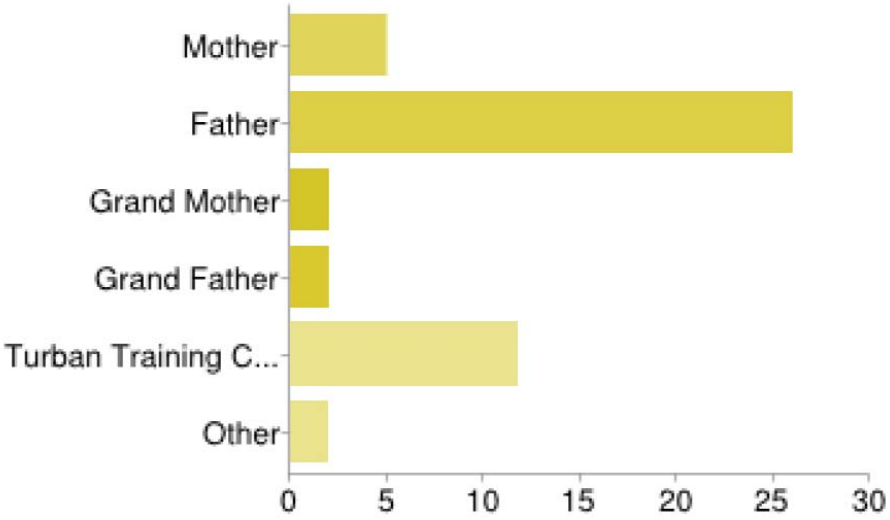
41 participants
(age group between 18 to 36 years old)

Q. Were you ever harrassed/ bullied because of your turban?



Q. Do you wear Turban by choice?

Q. From whom did you learn to wear your turban?



Conclusions from the survey

- **ignorance** about various types of turban

- Sikhs cut their hair because of one or more of the following reasons:
  - fear of attacks,
  - harassment for their attire,
  - shaved look being held as a “style” statement,
  - difficulty in maintaining long hair or for medical reasons

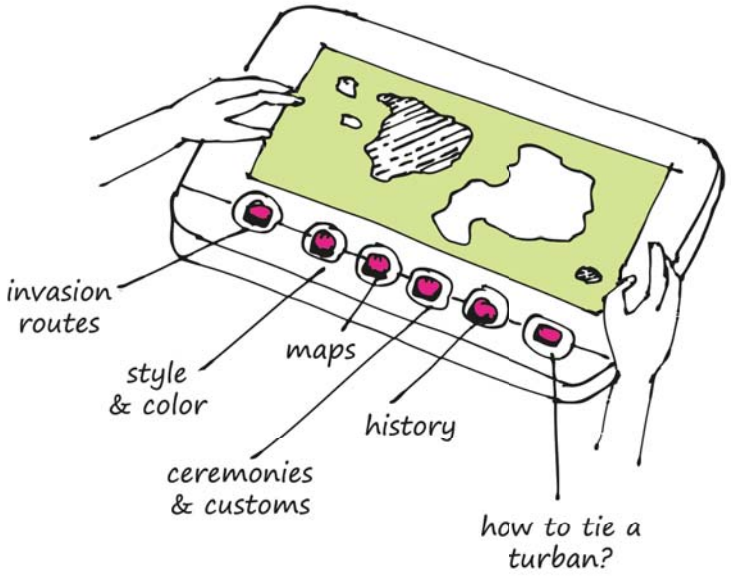
- There exists no interesting media or tool which can talk about Sikhism and make it popular

- Even if people choose to become “cut” Sikhs **there is no reason why they cannot be religious and know about their culture**

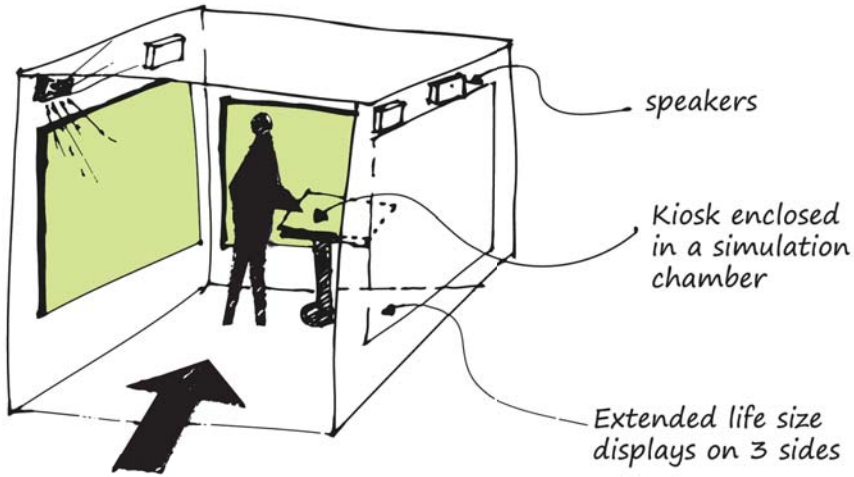
- “Cut” sikhs often maintain trimmed beard and wear turban in religious gatherings to portray their identity.

- Influence of Bollywood films on Sikhs

Why an e-book?



Handheld ‘touch based’ Tablet



An Interactive Kiosk

Why not an Exhibition or a Film?

Exhibition, Film & Books have already been explored on this topic and are common techniques of expressing ideas.

The concept of an interactive e-book app allows the person to share information and ideas and add to the expandability of the electronic medium.

General trends in E-Books

There are 3 clear trends in the current crop of digital books. They tend to:

- Stick more or less to a page metaphor borrowed from print

- Frequently provide an audiobook experience that's mapped to the page (a 'read along' approach)

- Relegate interactivity to images and illustrations.

- Content over experience emphasis

Examples:
Kindle, i-Book (on i-Pad) etc

New Generation interactive E-Books

-They go way beyond today's modestly enhanced PDFs and ePubs.

-They are designed as applications and are generally called ‘book based apps’.

-They have video, animations, kinetic typography, touchscreen interactivity and socially-generated content.

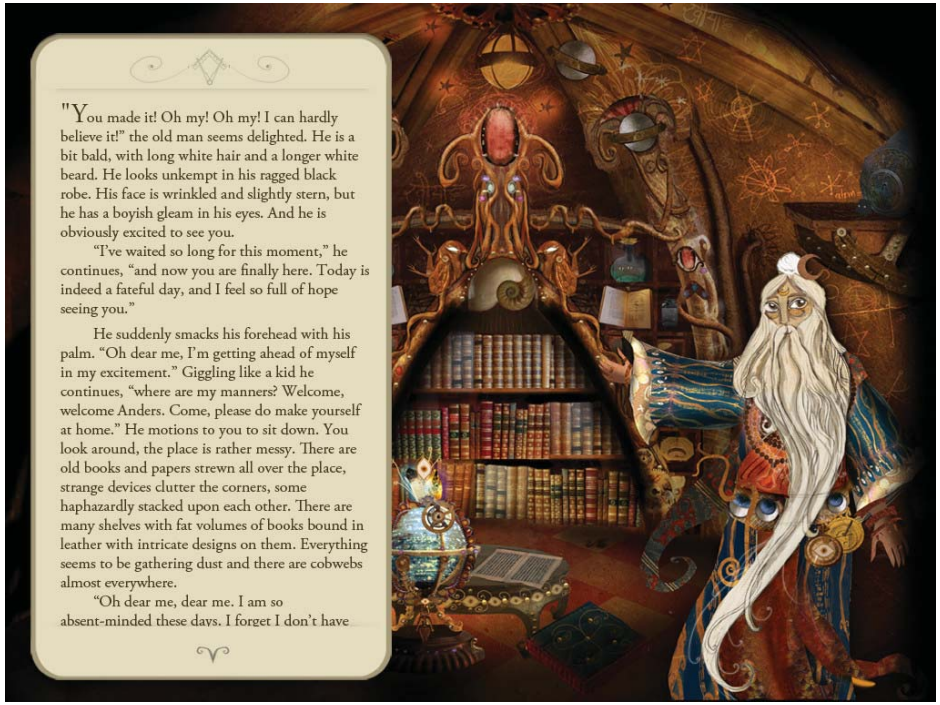
- Curated, Customized Content to hook the Readers.

Example

-Yellow Submarine, an interactive e-book for i-pad, i-phone & i-pod touch

-Al Gore’s Our Choice, an e-book interactive app for i-pad, i-phone

‘Khoya’ - Shilo Suleman’s e-book cum app for i-pad



"You made it! Oh my! Oh my! I can hardly believe it!" the old man seems delighted. He is a bit bald, with long white hair and a longer white beard. He looks unkempt in his ragged black robe. His face is wrinkled and slightly stern, but he has a boyish gleam in his eyes. And he is obviously excited to see you.

"I've waited so long for this moment," he continues, "and now you are finally here. Today is indeed a fateful day, and I feel so full of hope seeing you."

He suddenly smacks his forehead with his palm. "Oh dear me, I'm getting ahead of myself in my excitement." Giggling like a kid he continues, "where are my manners? Welcome, welcome Anders. Come, please do make yourself at home." He motions to you to sit down. You look around, the place is rather messy. There are old books and papers strewn all over the place, strange devices clutter the corners, some haphazardly stacked upon each other. There are many shelves with fat volumes of books bound in leather with intricate designs on them. Everything seems to be gathering dust and there are cobwebs almost everywhere.

"Oh dear me, dear me. I am so absent-minded these days. I forget I don't have

Maya grew up surrounded by love. There were so many wonderful times and so many wonderful memories, singing together, playing together as a family. There were also many moments of terror. They had learnt to listen for the sound of the CameraFlys, the distinctive buzzing sound of those MetalloFabric wings beating unbelievably fast.

A CameraFly would mean that Maia had to be bundled up and hidden in a hole that her parents had dug under the floor. She would have to crouch painfully in the small, dark space, sometimes for many minutes (that felt like hours), while the CameraFlys were at their window. The mere sound of the Cameraflys would terrify her as a child, but with time she learned to bear the ordeal of hiding, and grew ever more alert.

Her mother and father had also learnt that the best way to avoid arousing the suspicions of the controllers was to pretend to be like all the other citizens - mindless drones going about their daily work routine.

It was definitely hard for them for they had found a new joy in living that had previously been missing from their lives. They wanted to share it with everyone around them, but for their own safety and the safety of their lovely daughter, Maia, they had to fit in with the society around them. Apart from that if they did not work, they would

Comparison

LOW COST TABS IN INDIA

	Penta Tpad 701r	UbiSlate 7+	Aakash
OS	Android v2.3 Gingerbread	Android v2.3 Gingerbread	Android v2.2 Froyo
Processor	1 GHz IMAP 210	700 MHz ARM A8	366 MHz ARM11
RAM	256 MB	256 MB	256 MB
Screen size	7 inches	7 inches	7 inches
Type	Resistive	Resistive	Resistive
Resolution	800 x 600 pixels	800 x 480 pixels	800 x 480 pixels
Storage	2 GB	2 GB	2 GB
Micro SD slot	Upto 32 GB	Upto 32 GB	Upto 32 GB
Camera	VGA	No	No
Speakers	Yes	No	No
Connectivity	Wi-Fi only	Wi-Fi + GPRS	Wi-Fi only
Ports	USB x 1, HDMI x1	USB x 1	USB x 1
Battery	3000 mAh	3200 mAh	2100 mAh
Price	Rs. 3,250	Rs. 2,999	Rs. 2,500

Size and Weight

- Size : 256.7 x 175.3 x 8.6 mm
- Weight : 565g

MEDIUM & SPECIFICATION

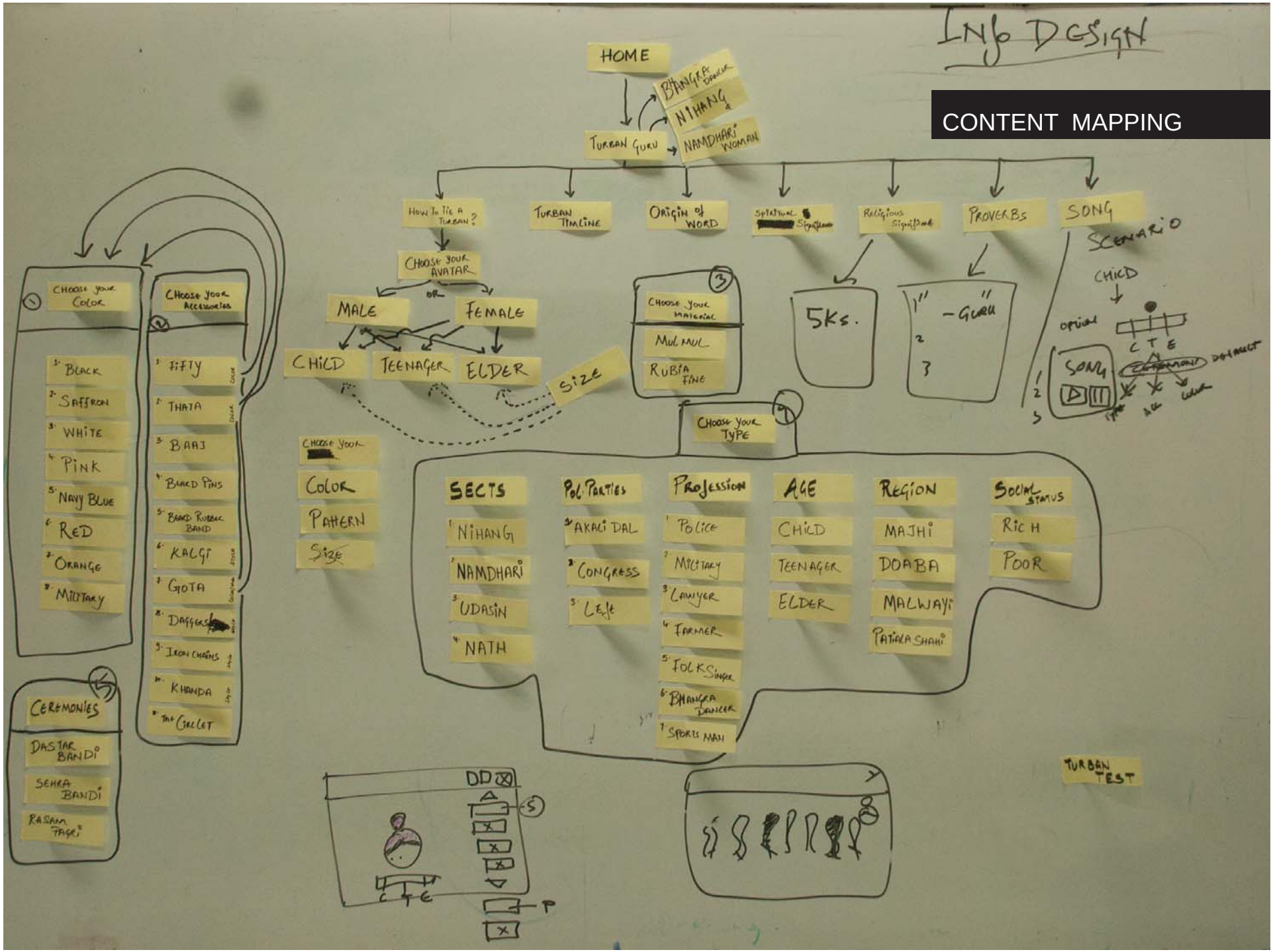
Samsung Galaxy Tab 10.1
OS - Android HoneyComb 3.2

10” tablet

Screen Resolution (size) – 1280 x 800 px

Screen Density – 160 mdpi (baseline density)

Ideation

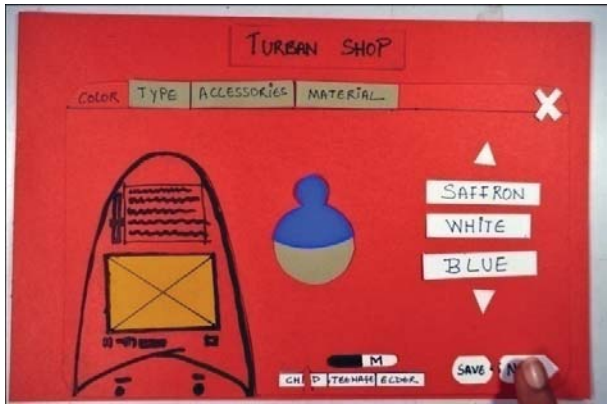

INFO DESIGN
CONTENT MAPPING
HOME
BHANGRA DANCE
NIHANG
NAMDHARI WOMAN
TURBAN GURU
HOW TO TIE A TURBAN?
TURBAN TIMLINE
ORIGIN OF WORD
SPIRITUAL SIGNIFICANCE
RELIGIOUS SIGNIFICANCE
PROVERBS
SONG
SCENARIO
CHILD
OPTION
CHOOSE YOUR AVATAR
OR
MALE
FEMALE
CHILD
TEENAGER
ELDER
SIZE
CHOOSE YOUR MATERIAL
MUL MUL
RUBIA FINE
5Ks.
1" - GLORY
2
3
CHOOSE YOUR TYPE
CHOOSE YOUR COLOR
PATHERN
SIZE
SECTS
1 NIHANG
2 NAMDHARI
3 UDASIN
4 NATH
POL. PARTIES
1 AKALI DAL
2 CONGRESS
3 LEFT
PROFESSION
1 POLICE
2 MILITARY
3 LAWYER
4 FARMER
5 FOLK SINGER
6 BHANGRA DANCER
7 SPORTS MAN
AGE
CHILD
TEENAGER
ELDER
REGION
MAJHI
DOABA
MALWAYI
PATIALA SHAHI
SOCIAL STATUS
RICH
POOR
CHOOSE YOUR COLOR
1 BLACK
2 SAFFRON
3 WHITE
4 PINK
5 NAVY BLUE
6 RED
7 ORANGE
8 MILITARY
CHOOSE YOUR ACCESSORIES
1 FIFTY
2 THATA
3 BAAJ
4 BEARD PINS
5 BEARD ROLLER BAND
6 KALGI
7 GOTA
8 DAGGER
9 IRON CHAINS
10 KHANDA
11 THE CIRCLET
CEREMONIES
DASTAR BANDI
SEHRA BANDI
RASAM PAGRI
TURBAN TEST

Paper Prototype

Tap on the Home page button

Select your Turban Guru

Tap on the ‘origin of word’ chapter to select



Read information about that color in the pop up window; select next to finalise your avtar

Drag & Drop your avtar onto it the selected postcard

Tap on save to store in your tablet/phone

Chapters in the e-Book

Chap. – Turban Around the World

Chap. - Turban Timeline

Chap. – Pag Haat

Chap. - Historical & Religious Significance of Pag for Sikhs

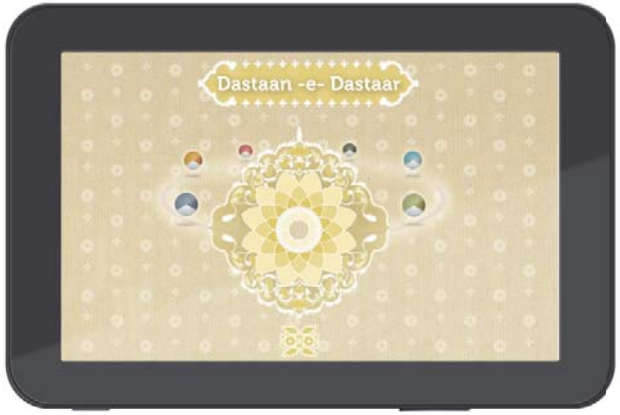
Chap. - Punjabi Proverbs & Songs on Pag

App. – My Turban Timeline

App. - Turbanify

Final Prototype

Chapters in the e-Book



Menu Page
Video tour

Chp : Pag Haat
Flash proto/ tablet

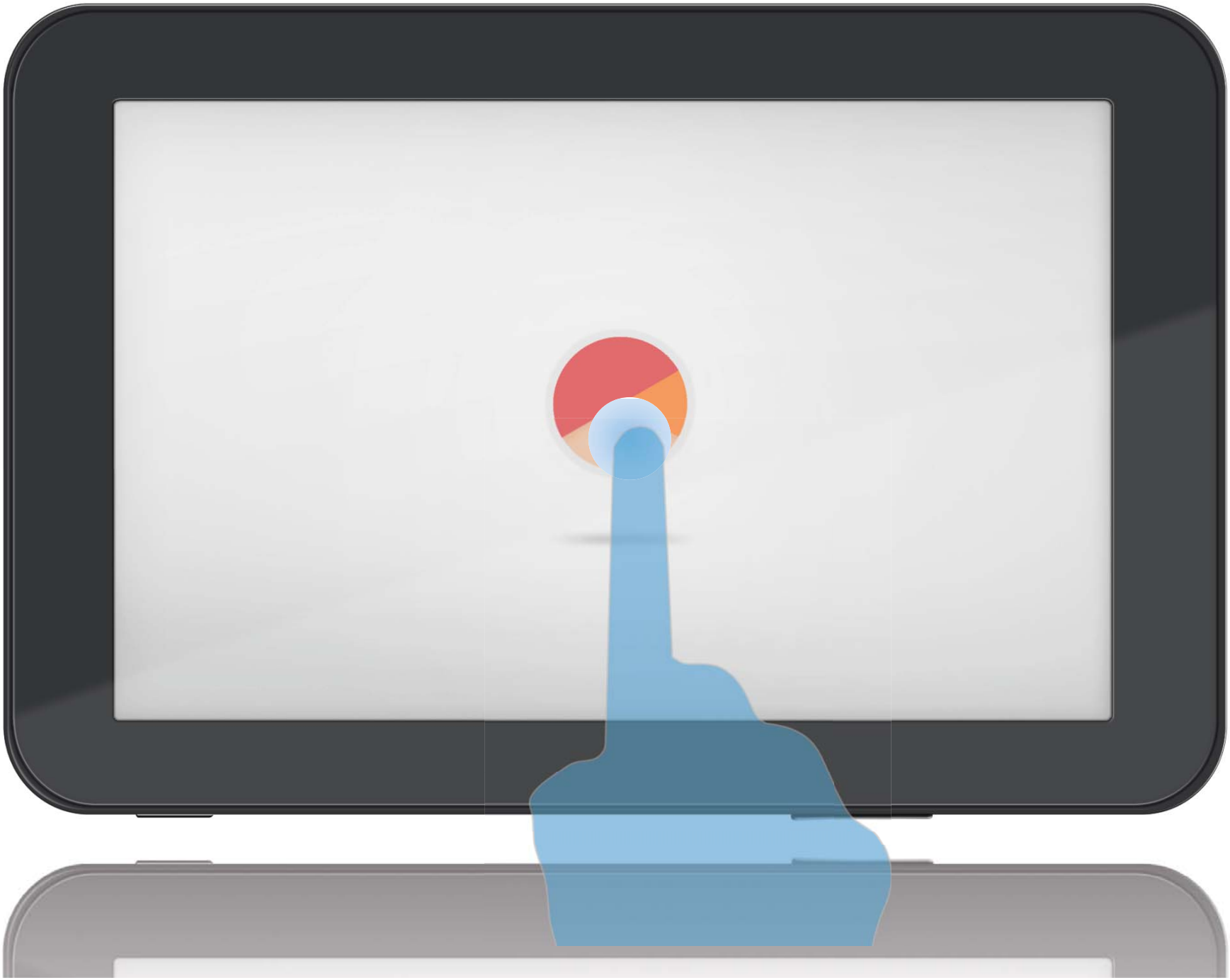
Chp : Turban Timeline
Stop motion

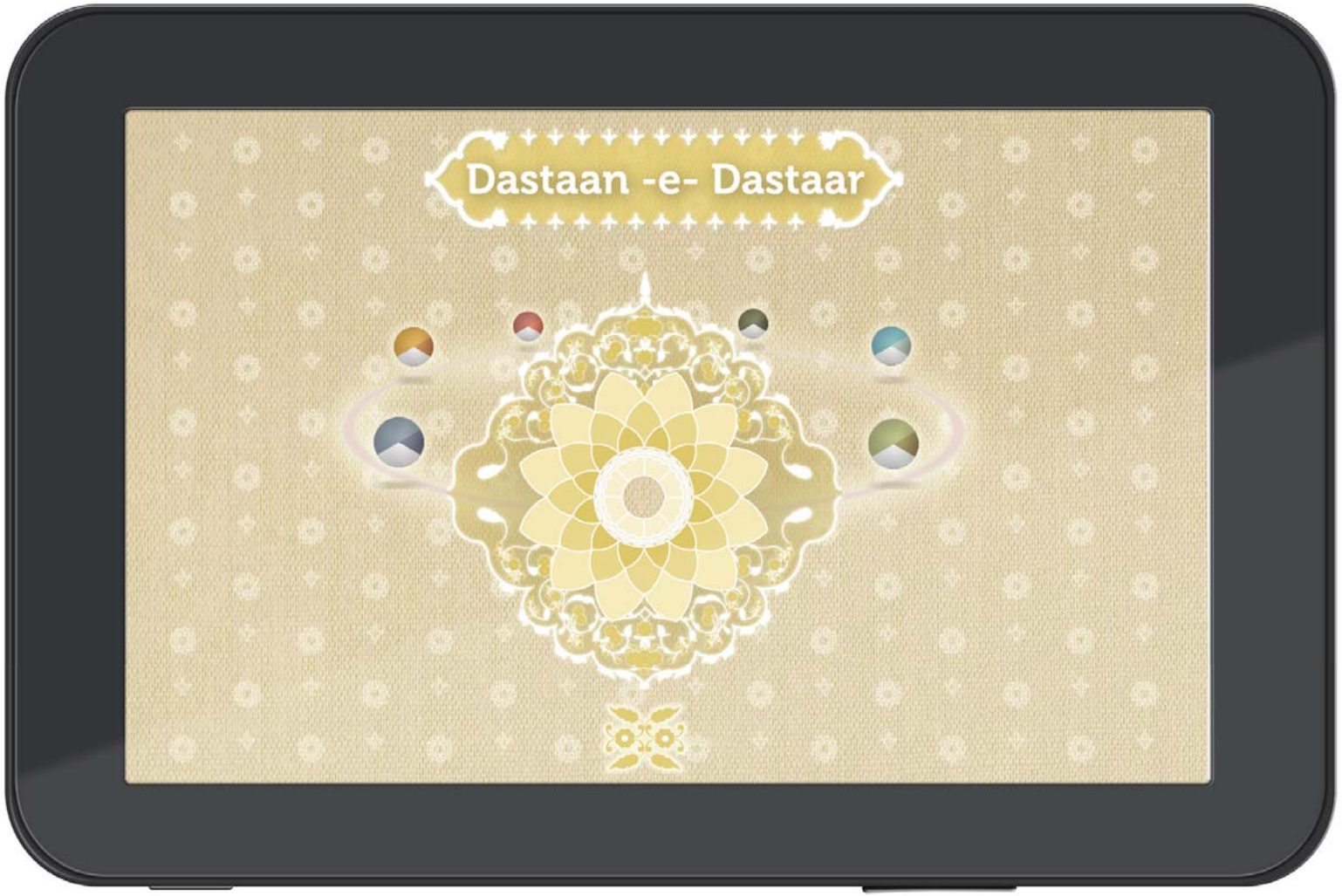
App : My Turban Timeline
Stop Motion

Chp : Turban Around the World
Video Tour

App : Turbanify
Stop motion

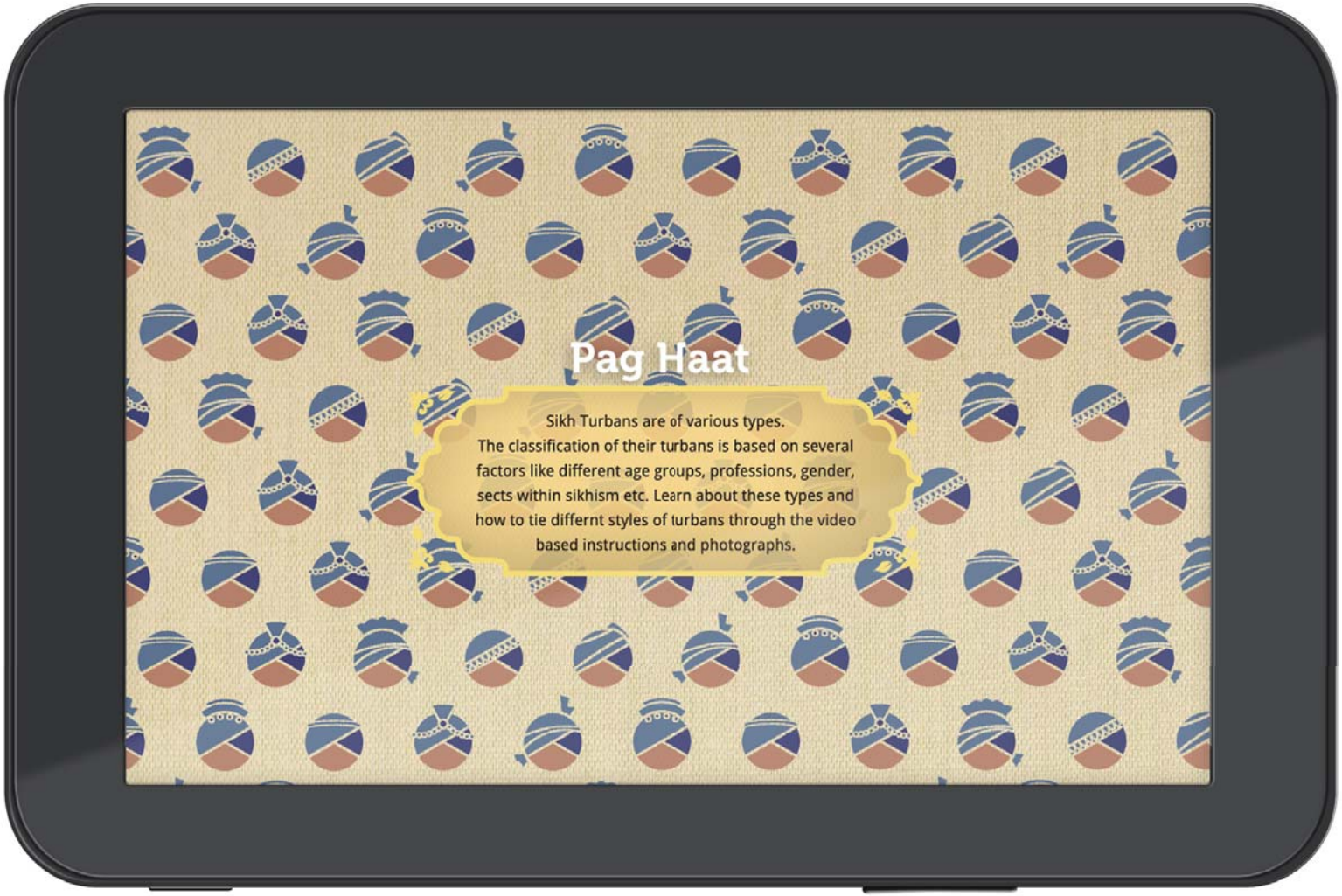
All
Downloaded
Shop
Alarm
Amazon Kindl
Androidify
Angry Birds
B-Secure Trac
Browser
Calculator
Calendar
Camera
Contacts
Downloads
eBook
Email
Flash Player
Gallery
Games
Gmail
Google Searcl
Latitude
Maps
Memo
Messaging
MobiTweet
MoMA
Mommy Hurr
Museums-NY
Music
Music player
My files
Navigation
Pen memo
Photo Art
10:05 AM





MENU PAGE DESIGN

VIDEO TOUR

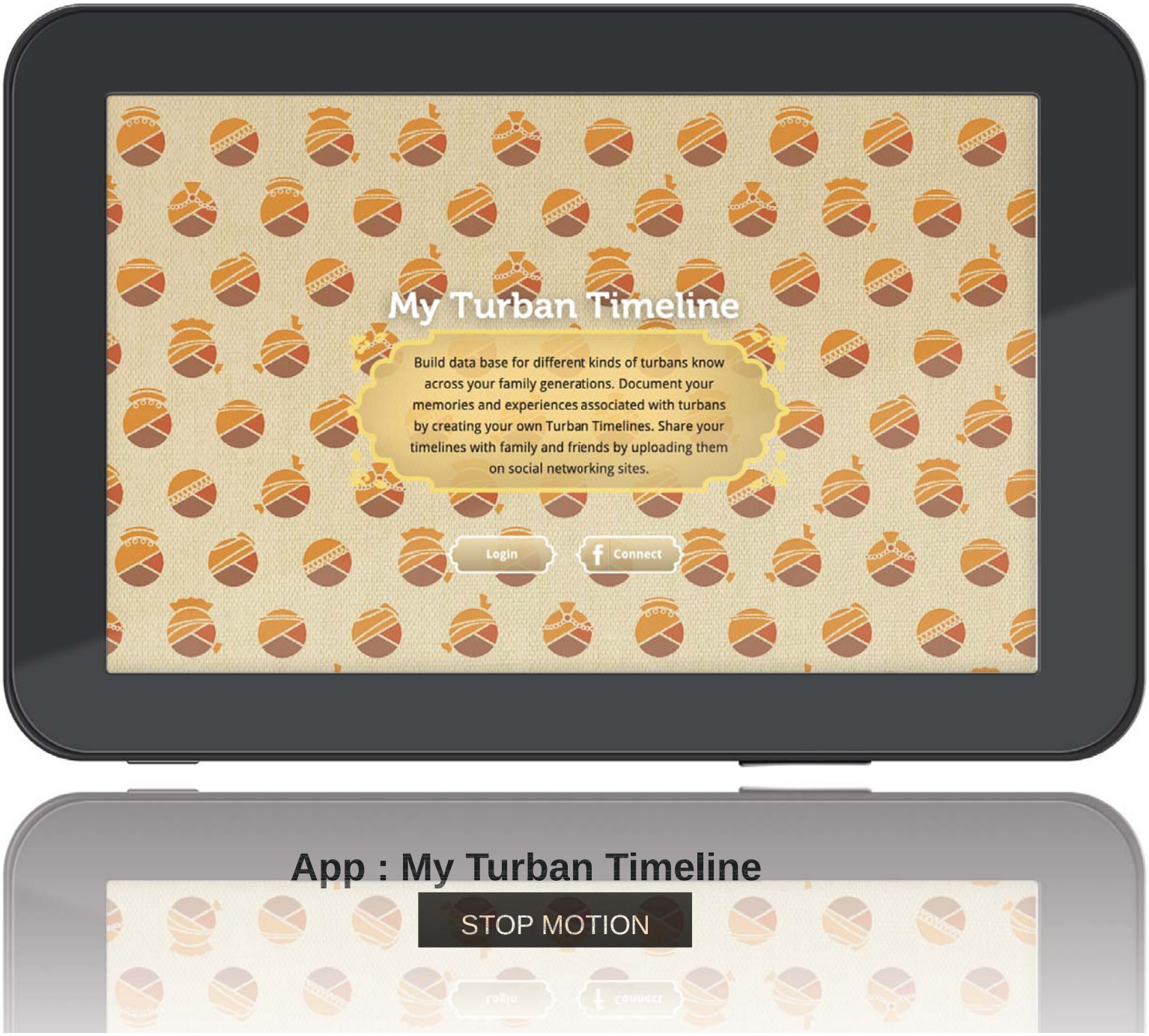


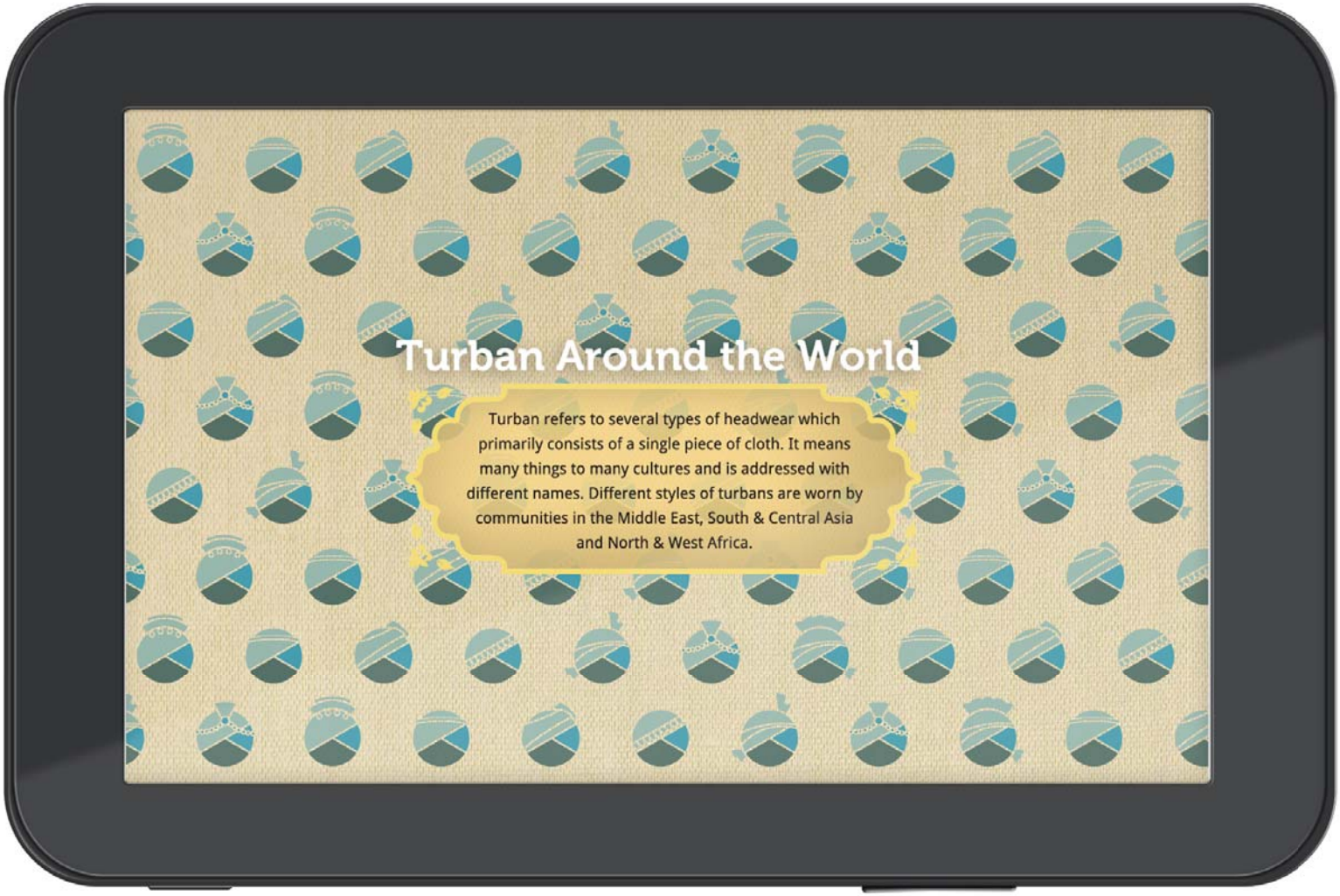
Chp : Pag Haat

FLASH PROTO & TEST ON TABLET

Chp : Turban Timeline

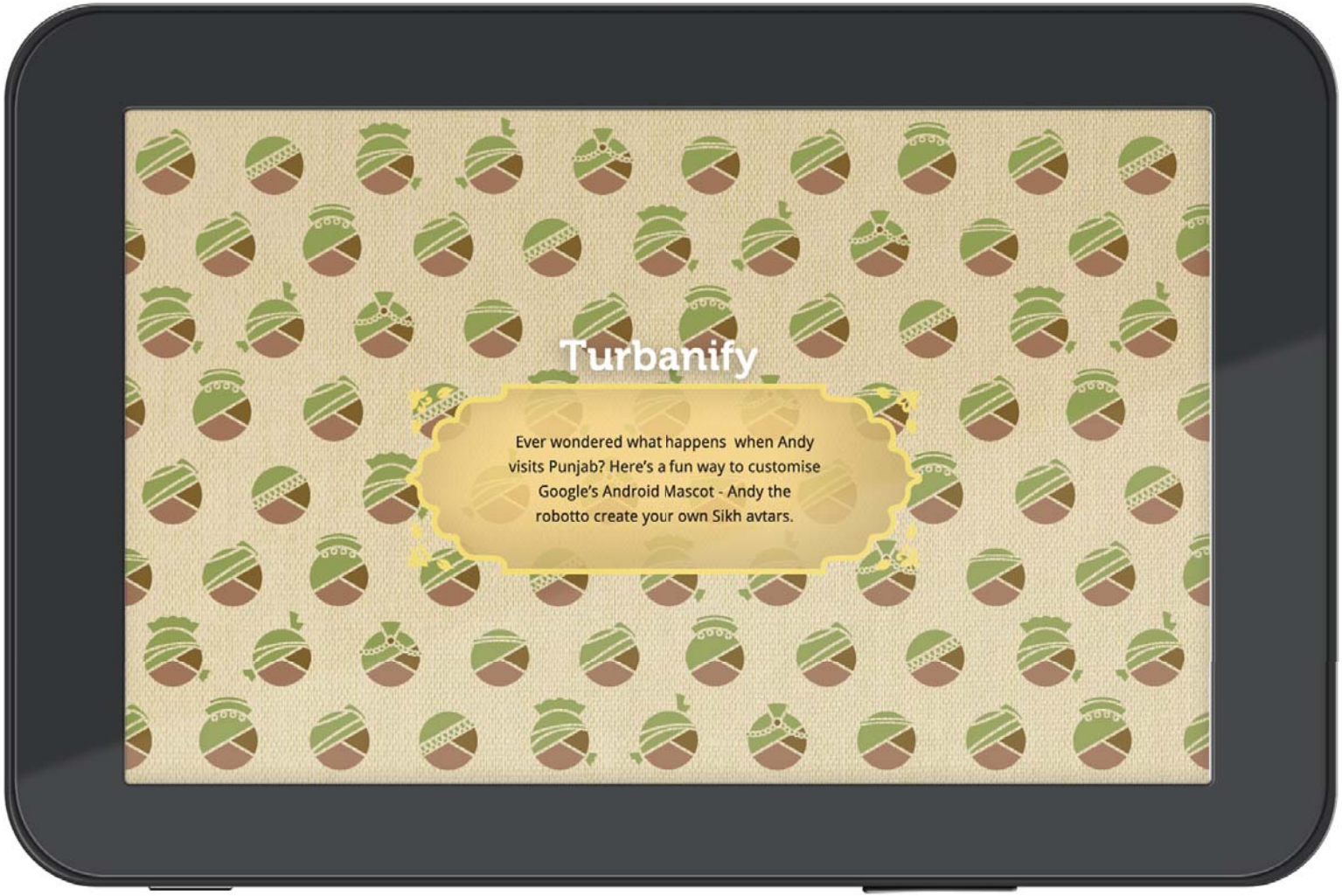
STOP MOTION


My Turban Timeline
Build data base for different kinds of turbans know across your family generations. Document your memories and experiences associated with turbans by creating your own Turban Timelines. Share your timelines with family and friends by uploading them on social networking sites.
Login
Connect
App : My Turban Timeline
STOP MOTION



Chp : TURBAN AROUND THE WORLD

VIDEO TOUR



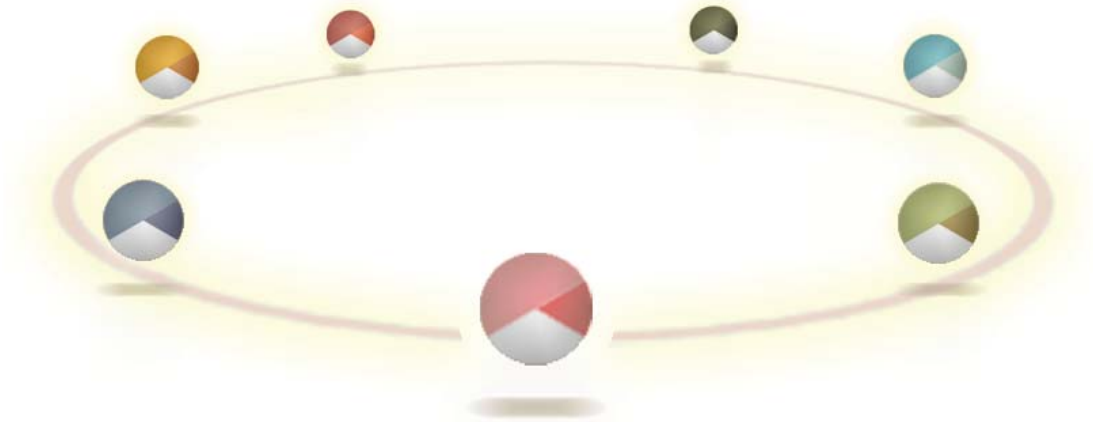
App : Turbanify

STOP MOTION

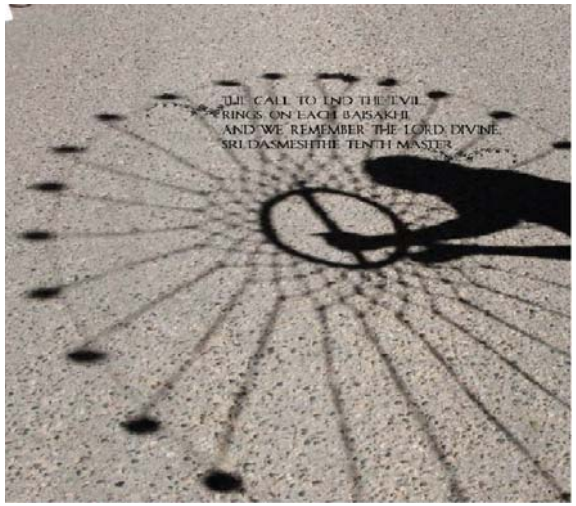
Design Elements

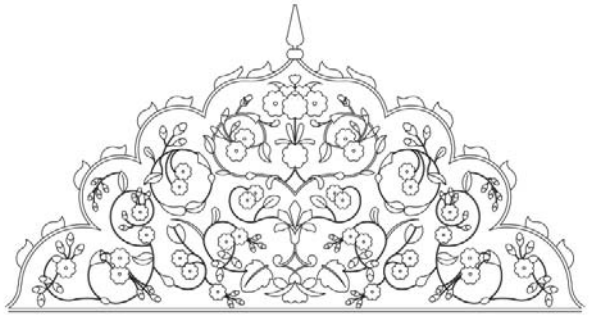
INSPIRATIONS

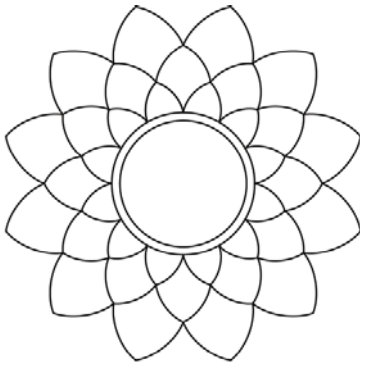
Illuminated Ring
Circular Navigation



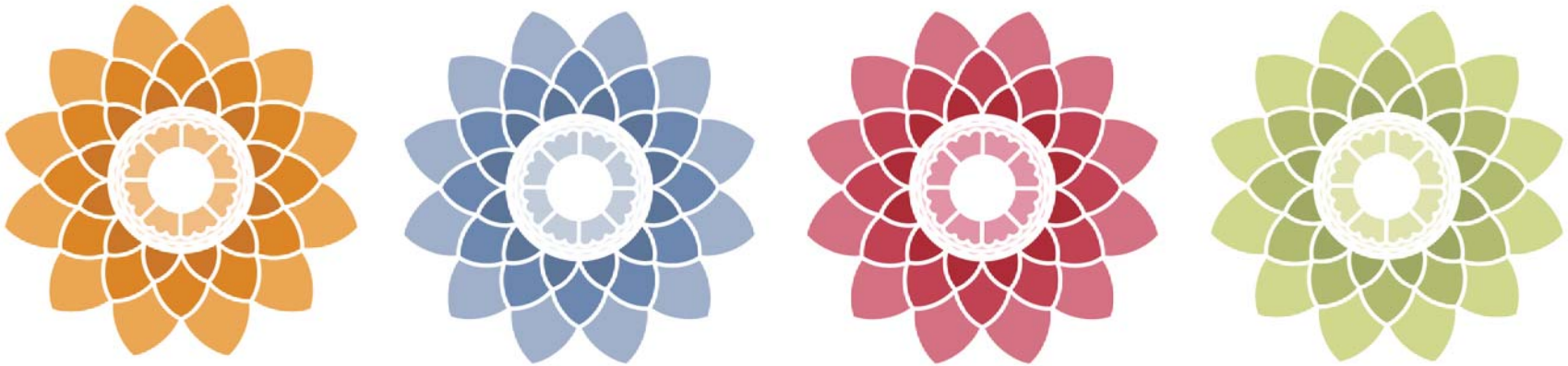
A page from the old Guru Granth Sahibji, compiled in 1708

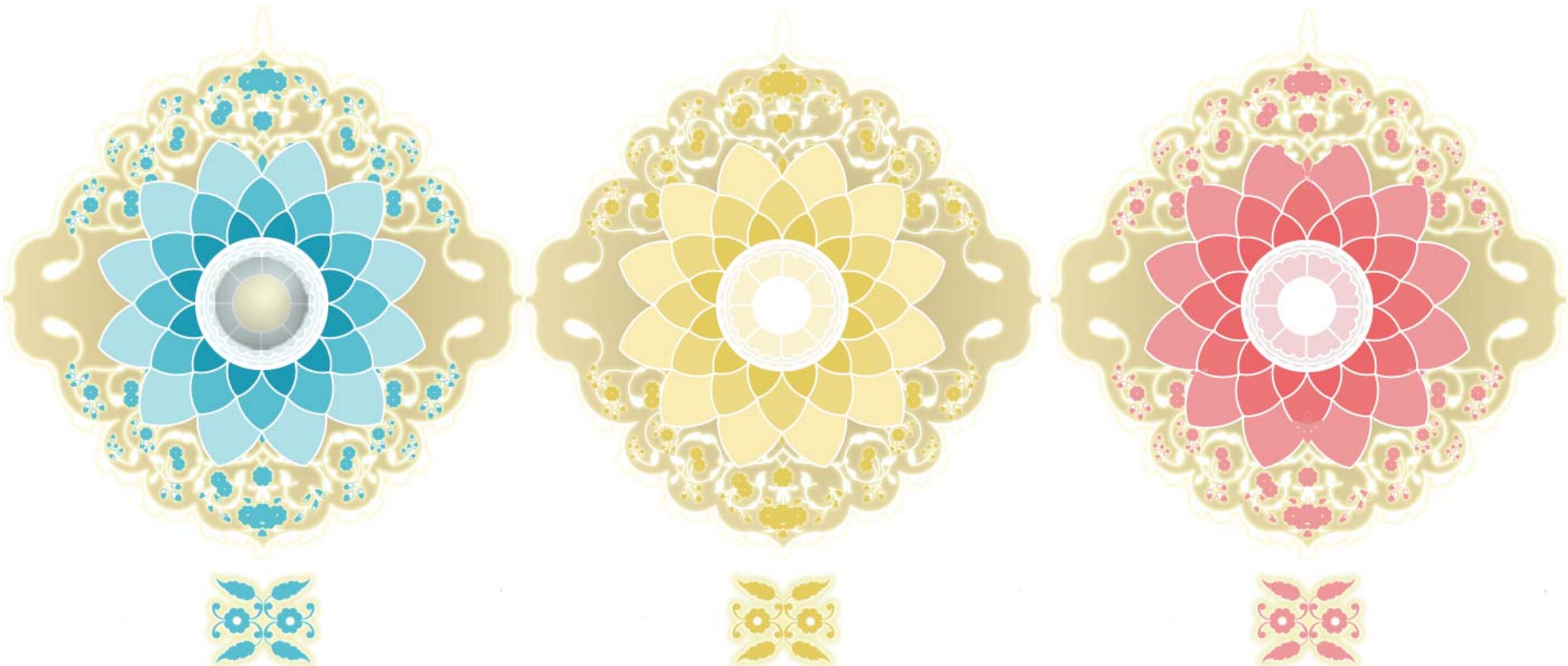




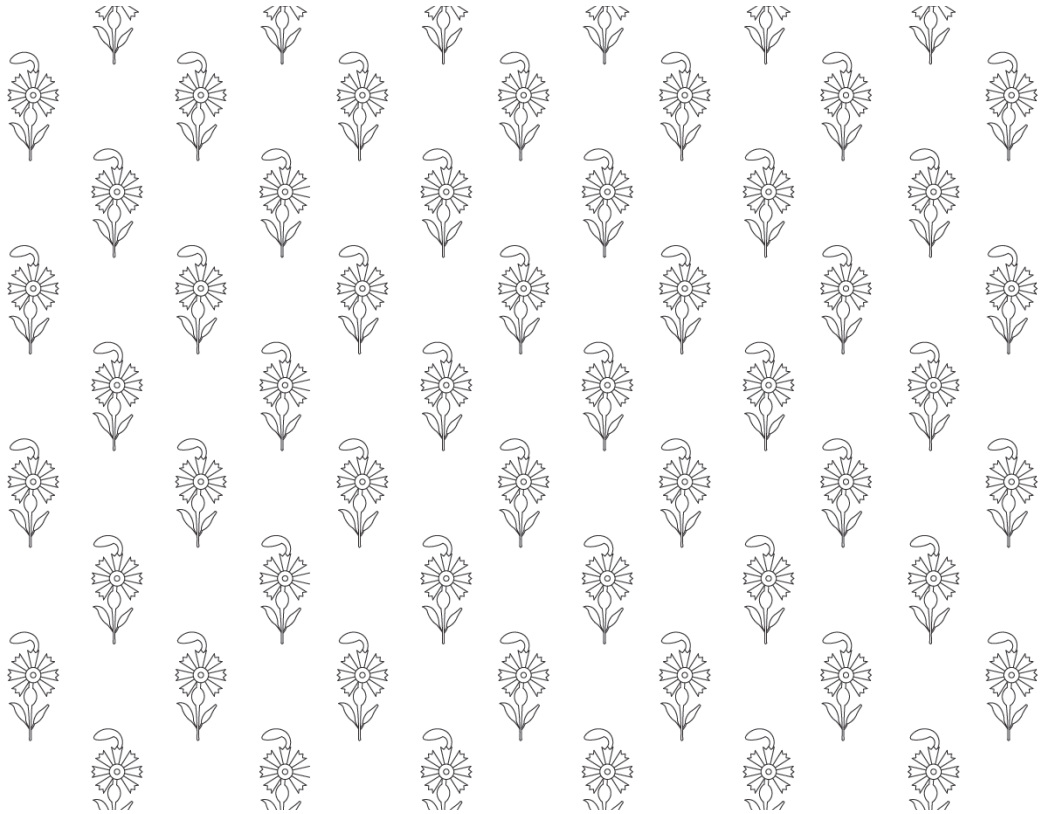


Activation Zone
Circular Navigation

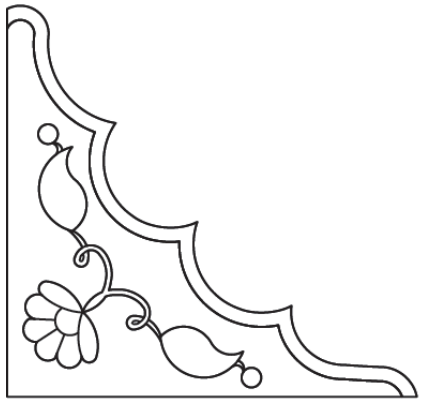




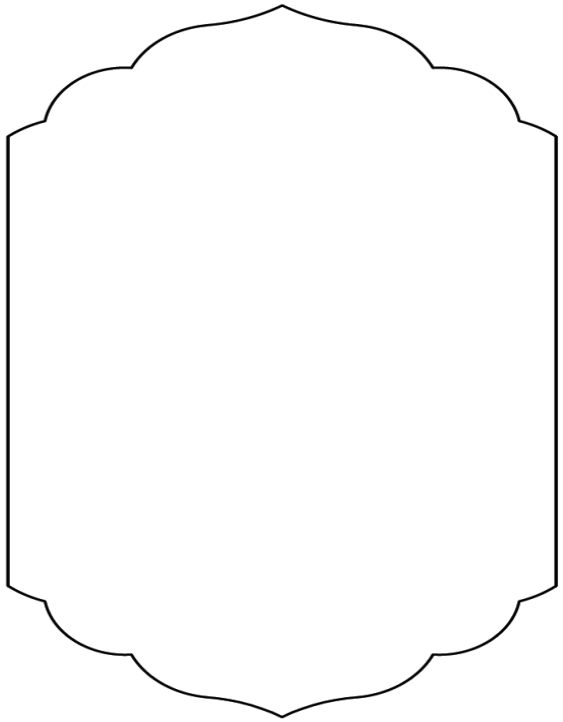
Background Pattern



Decorative Frames & Corners



Text Boxes/ Windows/ Frames



Guru Granth Sahibji

TEXT FRAME DESIGN

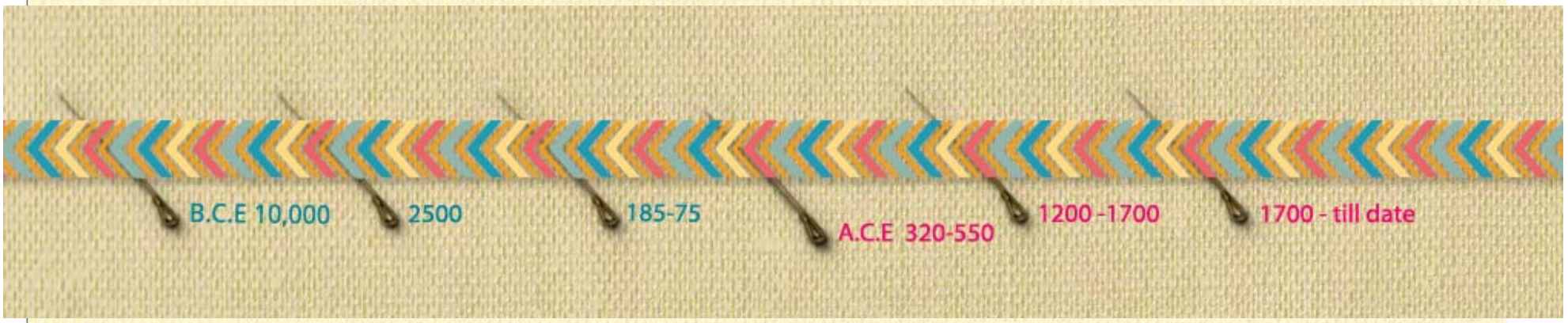
A page from the old Guru Granth Sahibji, compiled in 1708

‘Gota’ – Punjabi Lace

TIMELINE DESIGN

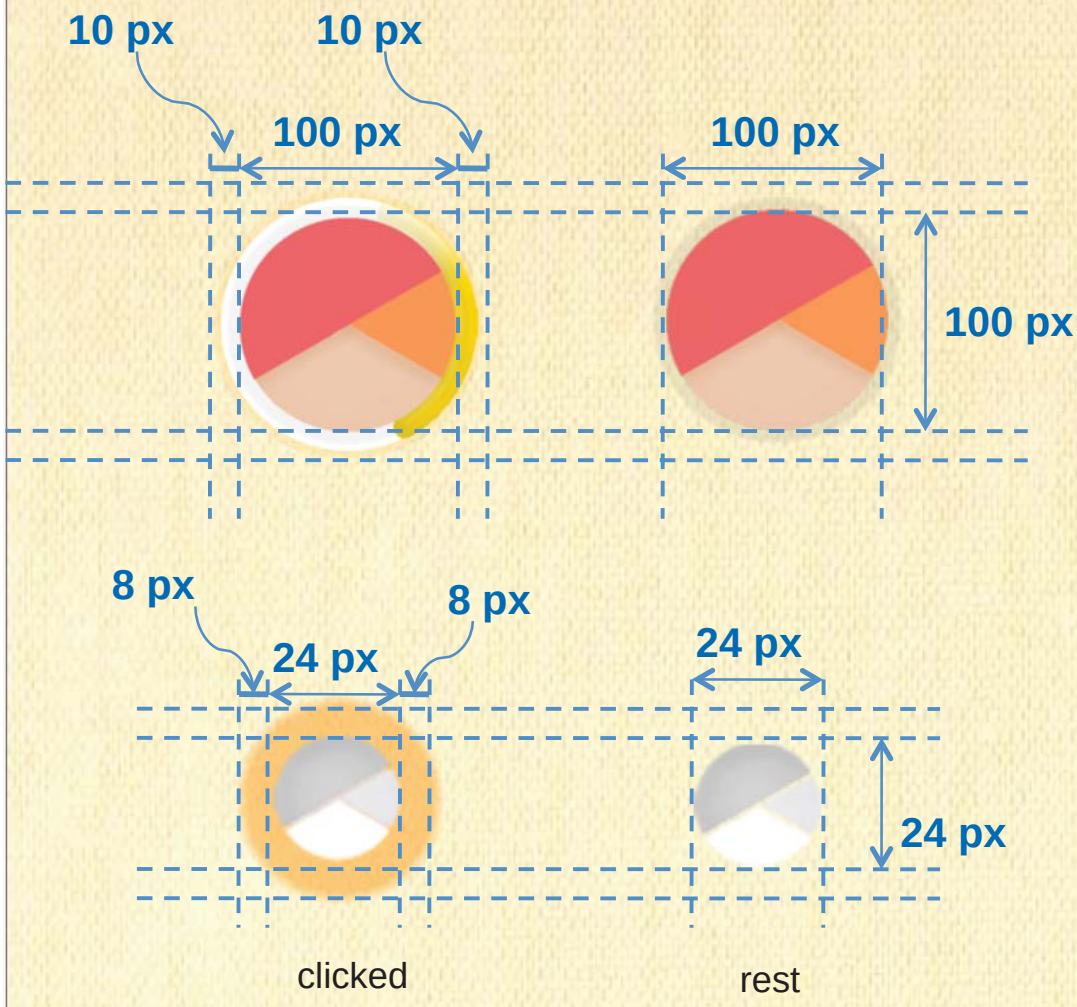
‘Baaj’ – Punjabi Hair Pin

TIMELINE DESIGN

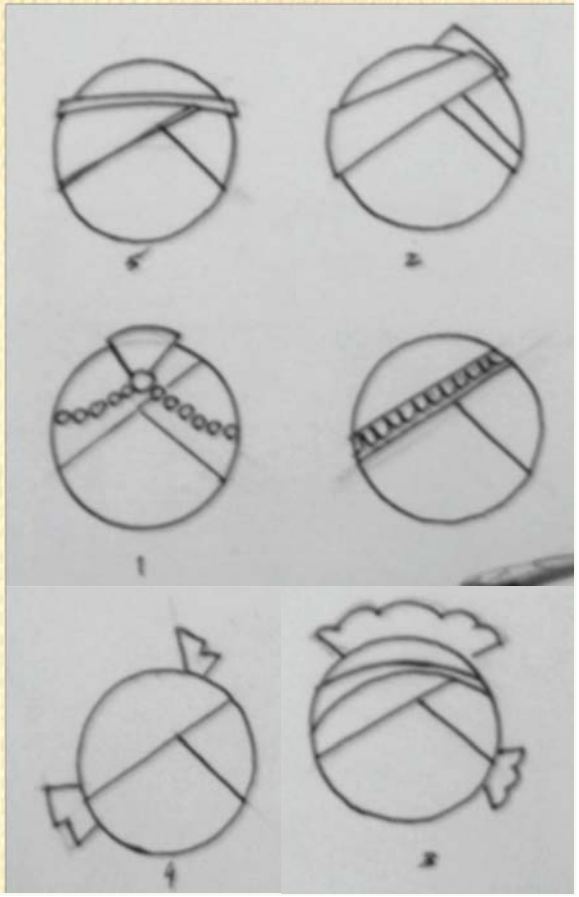


Creating a new iconography

HOME SCREEN ICON DESIGN



Size recommended for :
mdpi – 160 dpi
Meduim Density Screen

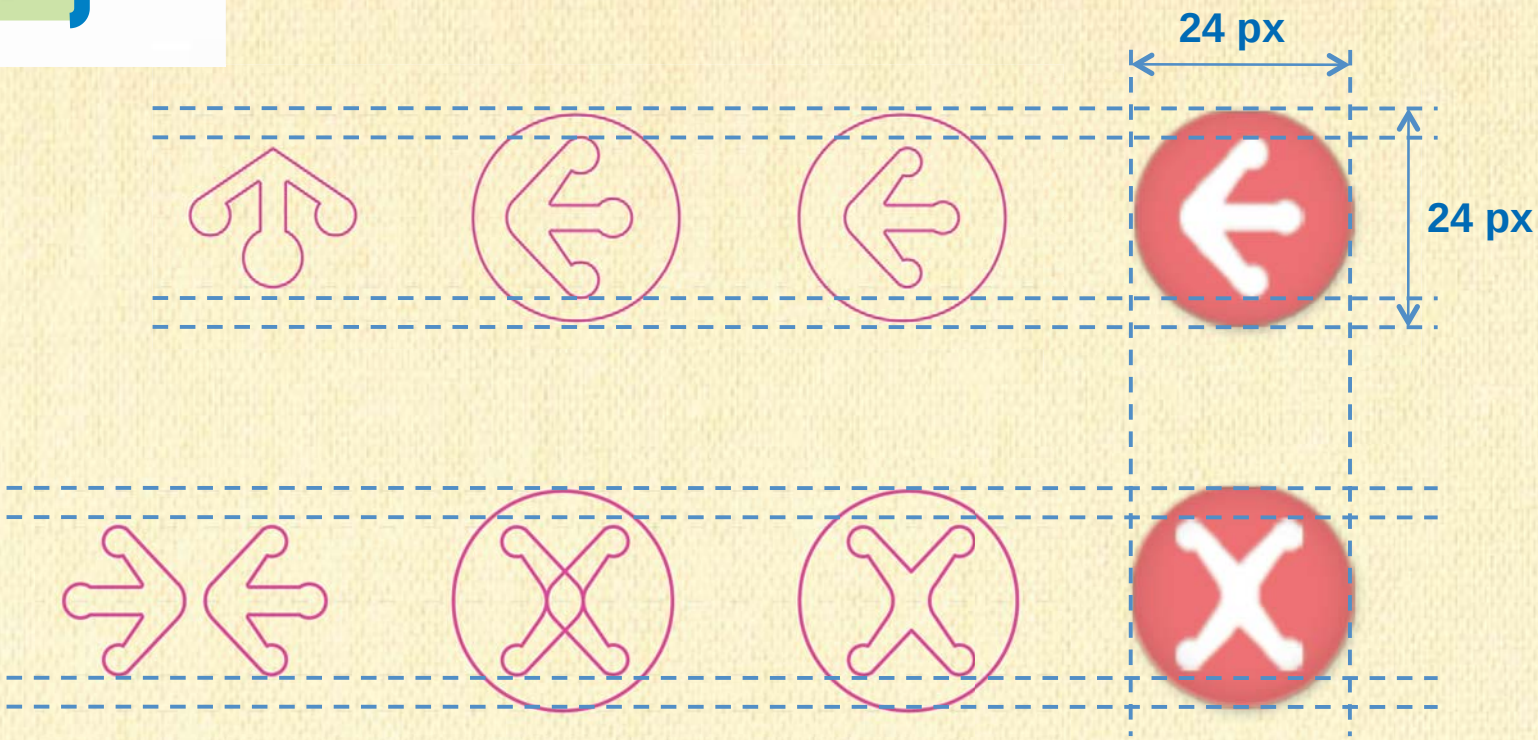


note: the above dwgs are not to the scale

‘Khanda’ – the Sikh coat of arms

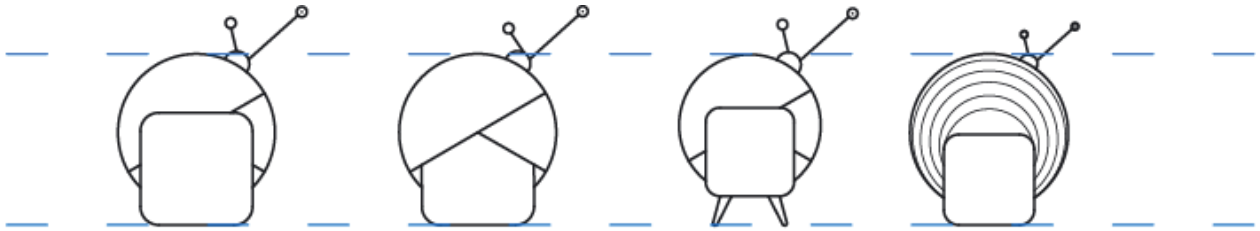
ACTION BAR ICON DESIGN

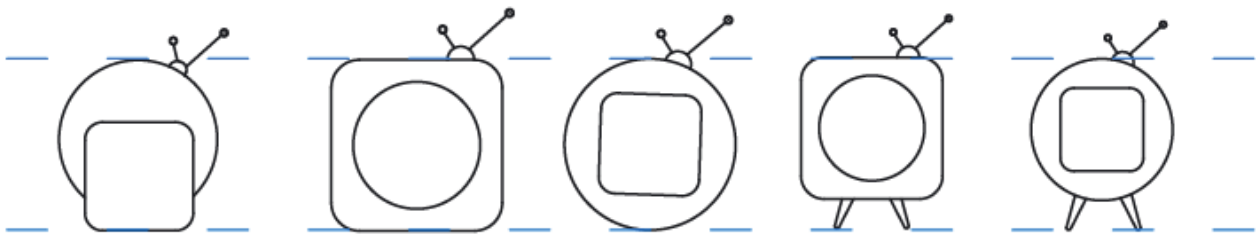
Size recommended for :
mdpi – 160 dpi
Meduim Density Screen



note: the above dwgs are not to the scale

TURBAN T.V.
Icon Design





ANDROID AVTARS

TURBANified !

TURBAN AVTARS

Folk Singer Turban

Bhangra Turban

Old Man's Turban

Lawyer's Turban

Sportsman's Turban

TURBANified !

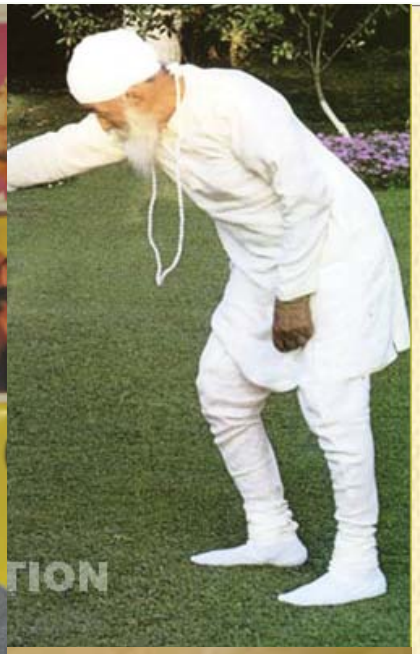
TURBAN AVTARS

Udasin Turban

Nath Turban

Old Woman's Turban

Young Woman's Turban



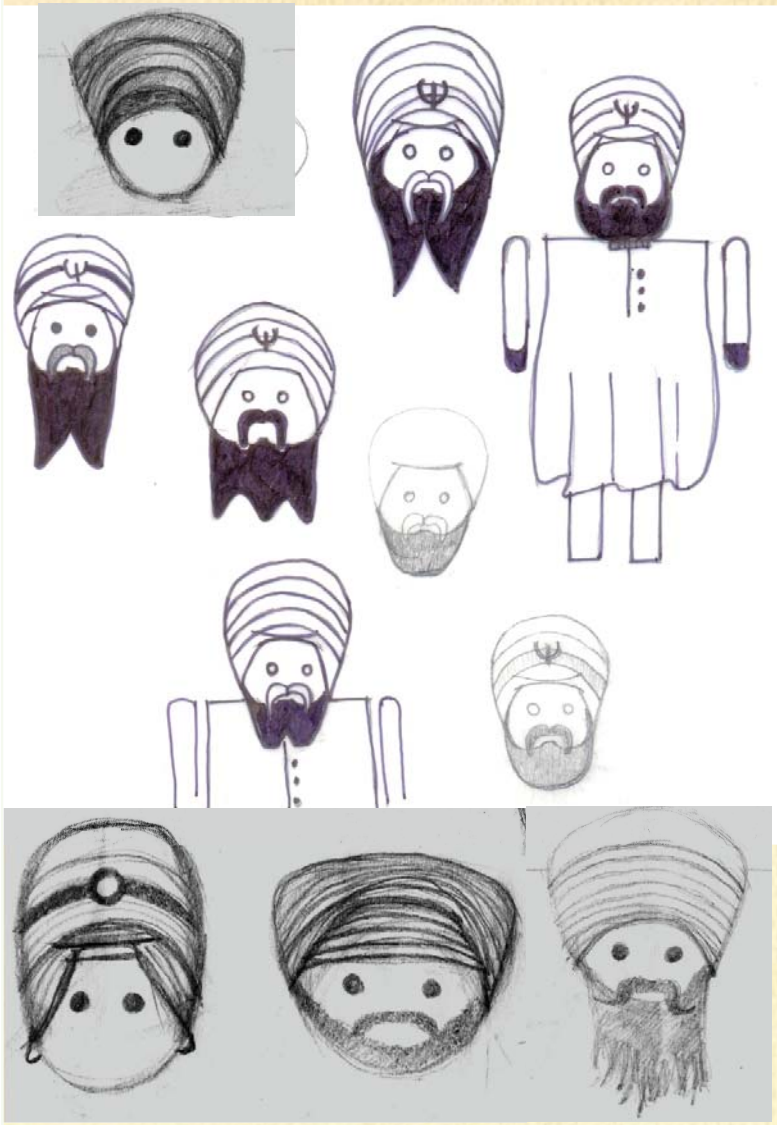
Namdhari Sikh's Turban

CHARACTER DESIGN

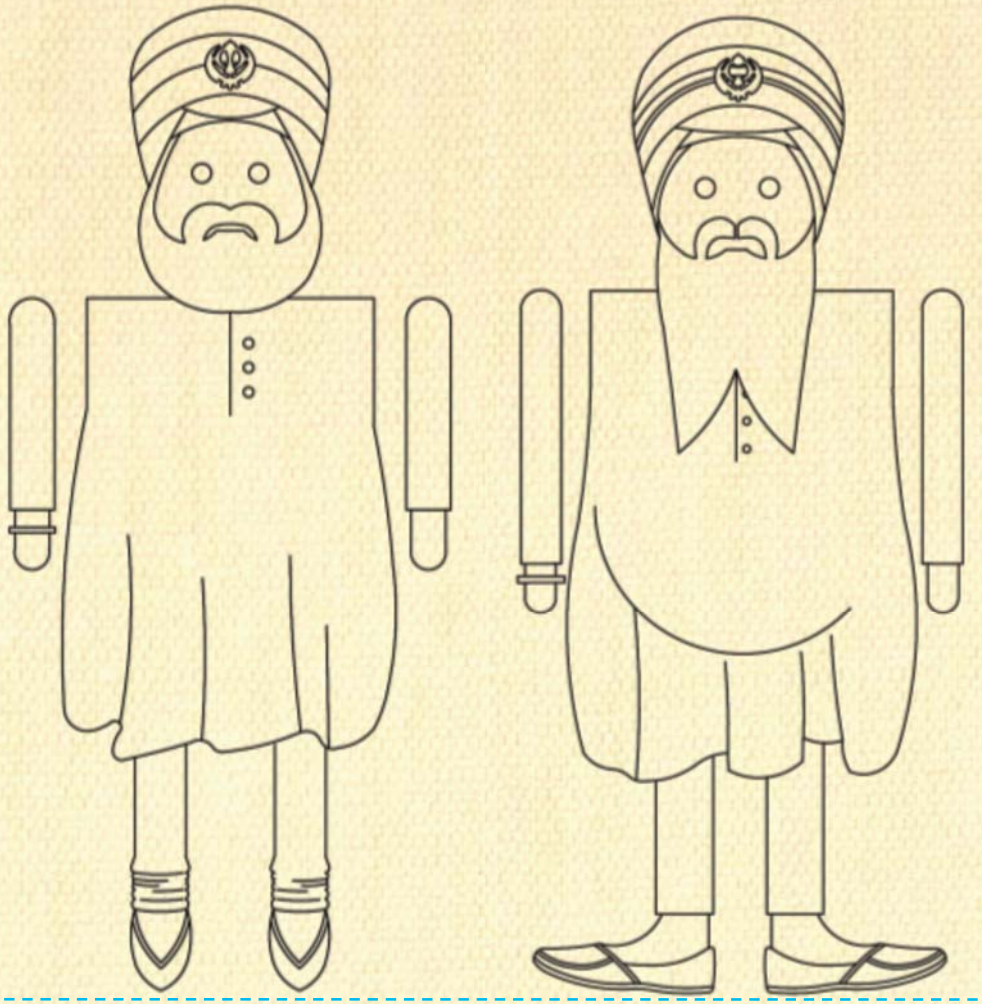
- White clothes & turban
- Tight pyjamas
- White signifies the age of truth (SATYA YUG)
- No other color is permitted
- Round Turban with no apex
- Guru Nanak Devji wore the similar style of turban
- KHANDA – the Sikh coat of arms is worn by some on the turban

Namdhari Sikh's Turban

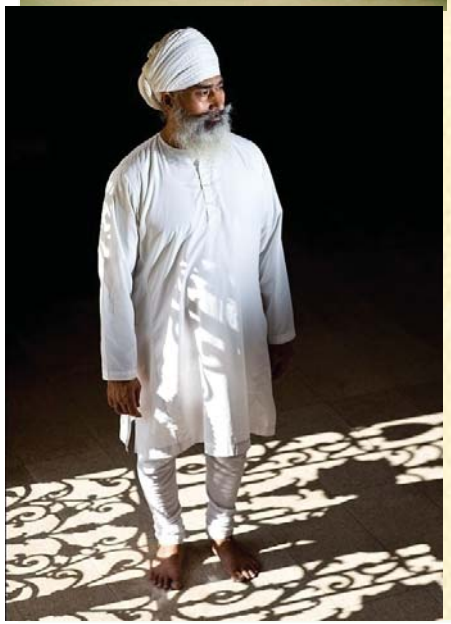
CHARACTER DESIGN



doodles



wire frame model



Namdhari Sikh's Turban

CHARACTER DESIGN

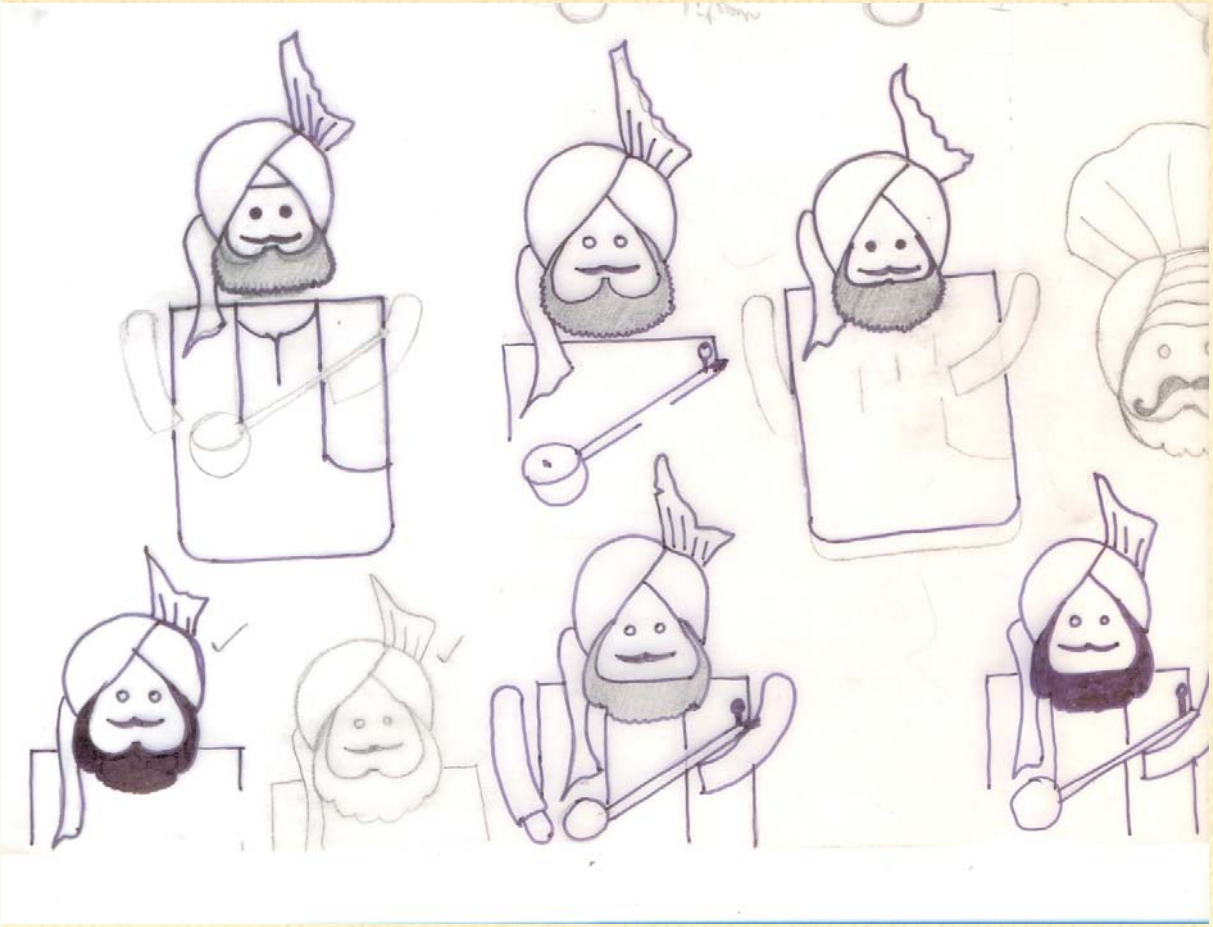
Folk Singer's Turban

CHARACTER DESIGN

- A flared out cloth on the top is called ‘SHAMLA’
- A small apex in the front
- A free end of the cloth – ‘LADH’ is kept on the left hand side
- Round turban form
- Turban in many colors

Folk Singer's Turban

CHARACTER DESIGN



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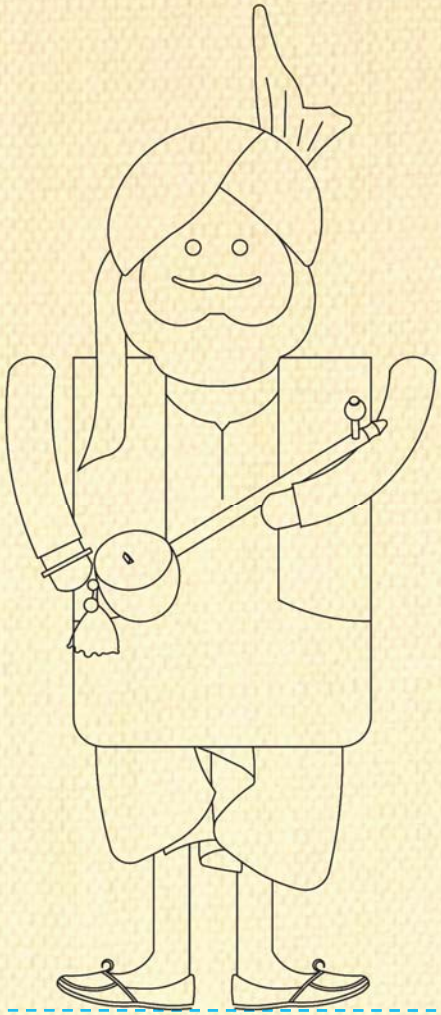


wire frame model

Folk Singer’s Turban

CHARACTER DESIGN

Bhangra Dancer’s Turban

CHARACTER DESIGN

Old woman’s Turban

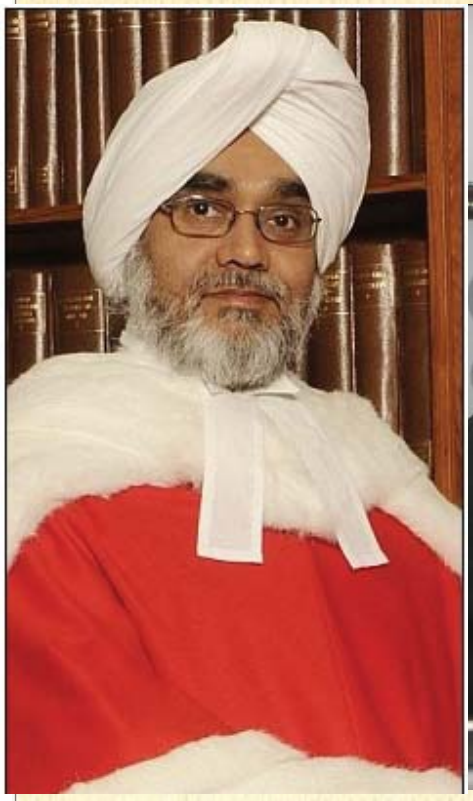
CHARACTER DESIGN

Old man’s Turban

CHARACTER DESIGN

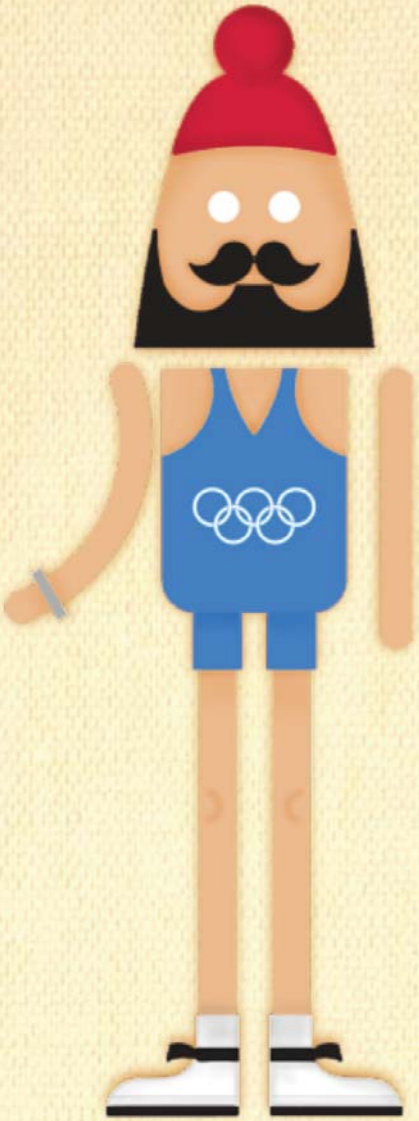
Lawyer’s Turban

CHARACTER DESIGN

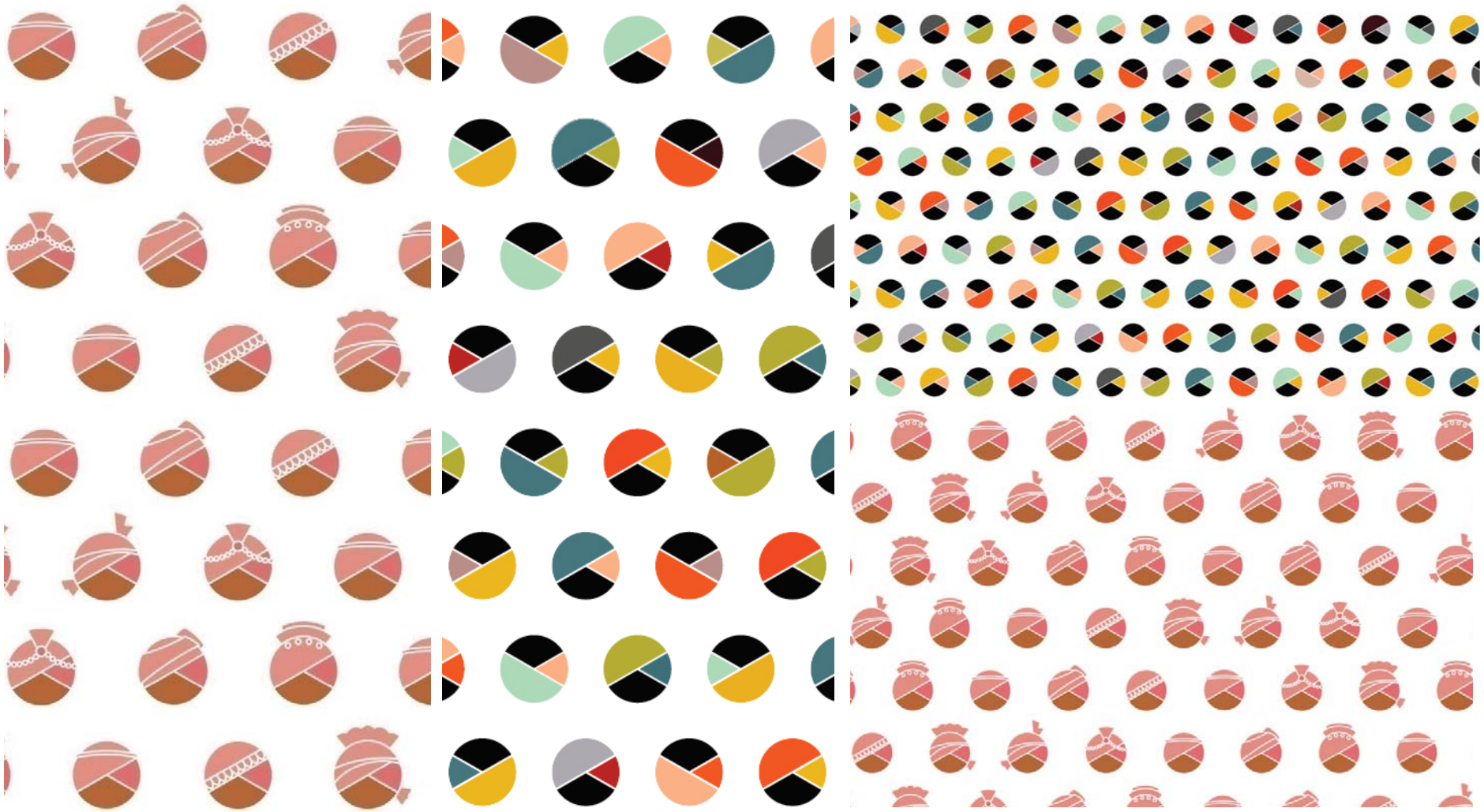


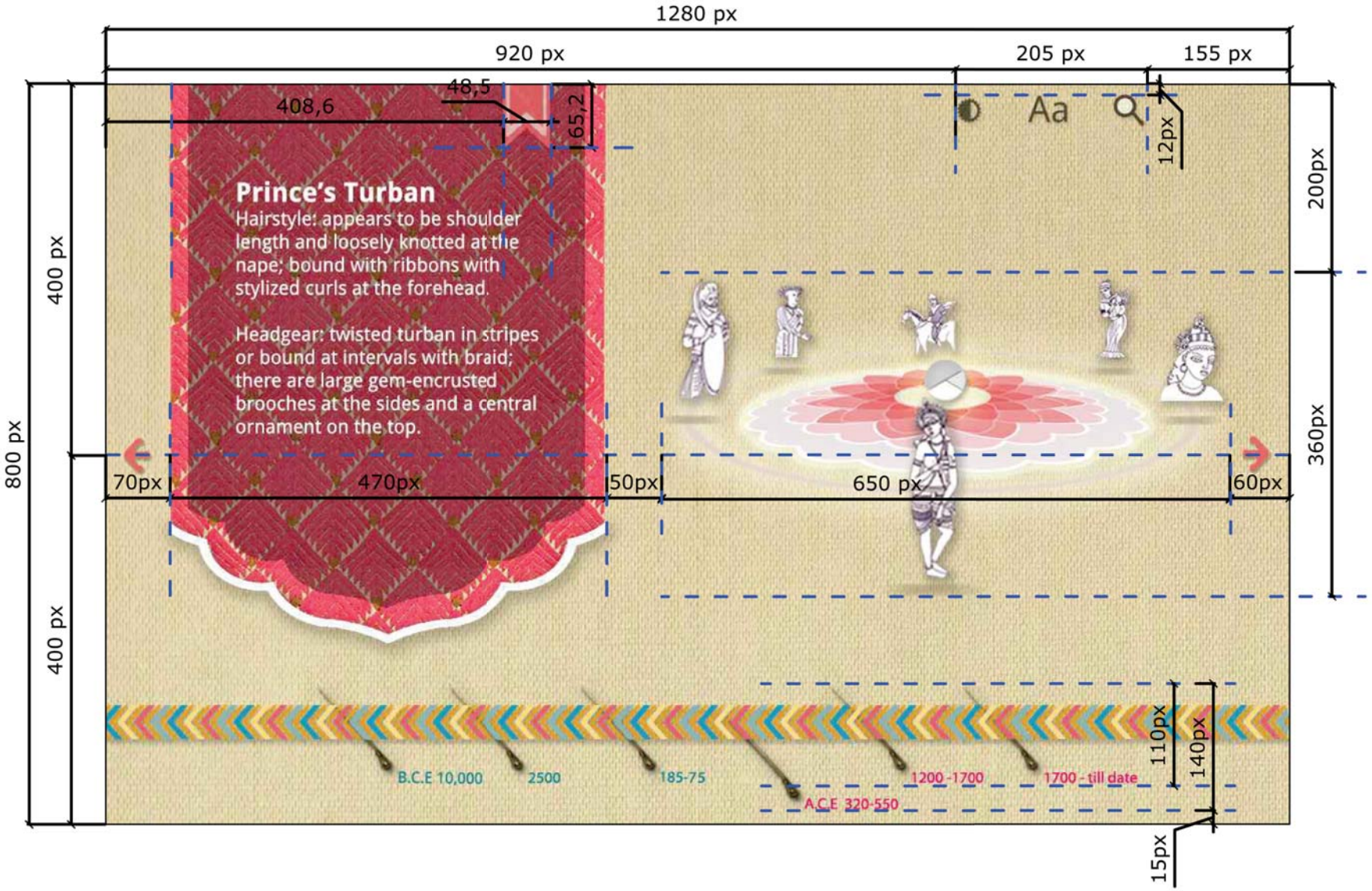
Sports man’s Turban

CHARACTER DESIGN



Turban Patterns

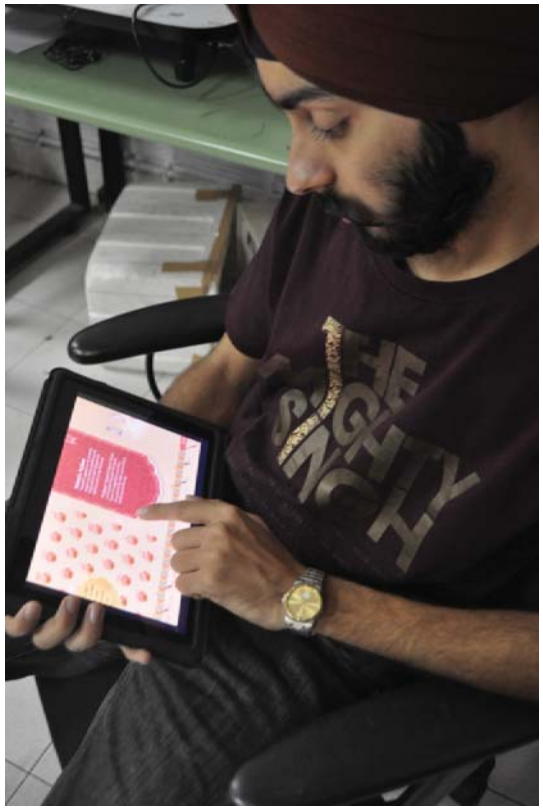



1280 px
920 px
205 px
155 px
48,5
408,6
65,2
12px
200px
400 px
800 px
Prince's Turban
Hairstyle: appears to be shoulder length and loosely knotted at the nape; bound with ribbons with stylized curls at the forehead.
Headgear: twisted turban in stripes or bound at intervals with braid; there are large gem-encrusted brooches at the sides and a central ornament on the top.
360px
70px
470px
50px
650 px
60px
400 px
B.C.E 10,000
2500
185-75
A.C.E 320-550
1200 -1700
1700 - till date
110px
140px
15px

Users Feedback

“Build association of color with each chapter for easy navigation”
- Jasveer Singh, M.tech CS dept IIT B

“Can the e-book be text free?”
-Jasveer Singh, M.tech CS dept IIT B



“Turban icons on the Map looks like ‘Pie Charts’ “
-Jasveer Singh & Surinder Singh, IIT B

“Can the Color of the Destkop icon change everyday according to the color of my turban “
-Sumeet Ahluwalia, 3rd year B.tech, IIT B

“ Add comment box in ‘MY TURBAN TIMELINE APP’ , so that we can post comments on each others timeline … hence make it more engaging among the community”
- Rajbir Singh, a visitor in Pizza Hut

THANK YOU !