App Project

Merico Edward Ricardo

Jauharul Arifin

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Project Background and Initiative

Coffee is one of the world's most popular beverages, and we intend to let others know about it.

This is an educational project which will allow the developers to learn more about mobile application development. Through this application project, we want to introduce and reach an audience about the wonders and information of coffee in Indonesia. We would want people who are unfamiliar with coffee, who are interested in it, or even those who are coffee enthusiasts to benefit from this application.

"A mobile app to educate Indonesia about Coffee and its richness in Indonesia. Enough to get users up to speed about coffee."

Team Division

Team <u>Leader</u>	RYAN AHASAN AL-HELAL
Lead <u>Developer</u>	RYAN AHASAN AL-HELAL
Lead <u>Designer</u>	JAUHARUL ARIFIN
Lead <u>Content Organizer</u>	MERICO EDWARD RICARDO

Feature Implementations

- Serving as a source of knowledge about coffee.
- Implementing GPS for locating coffee shops.
- Partnerships and promotions with coffee brands

Information

- Popular coffees
- Brewing Methods
- Indonesian coffees
- Coffee beans
- Video Resources
- Partnership
- Coffee Facts
- Coffee Statistics

Popular Coffees

Espresso

Cold Brew

Brewing Methods

Moka Pot

French Press

Coffee Beans

Arabica

Robusta
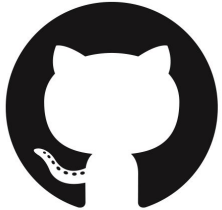
Tools and Technologies

Android Studio

Adobe XD
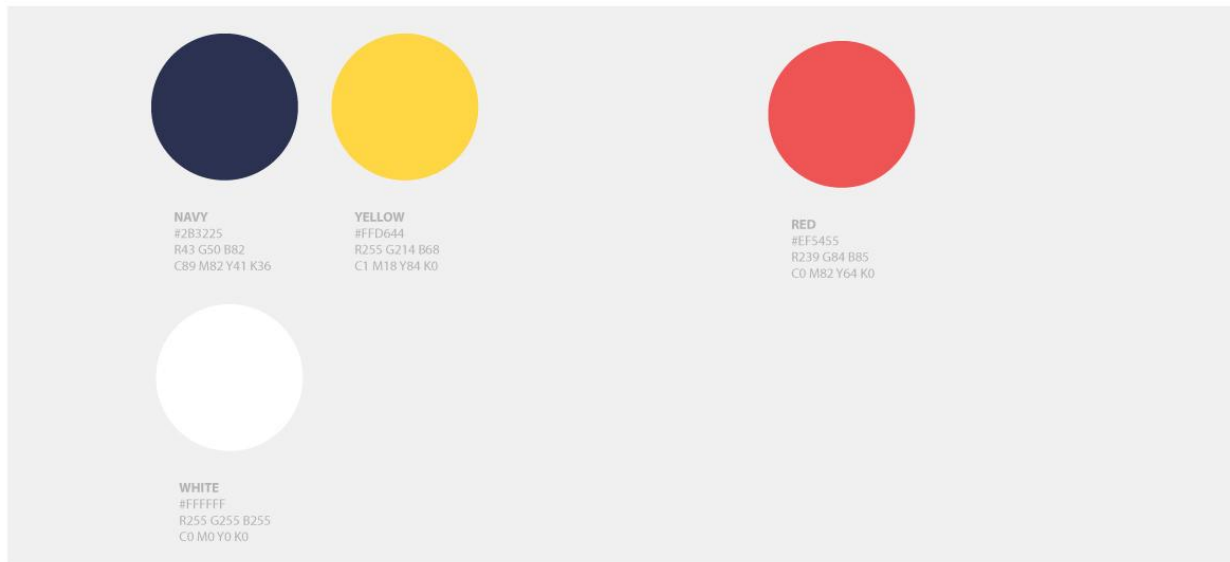
GPS

Photoshop

Github

Adobe Illustrator

Canva

stack**overflow**

Branding Guidelines

NAVY
#2B3225
R43 G50 B82
C89 M82 Y41 K36

YELLOW
#FFD644
R255 G214 B68
C1 M18 Y84 K0

RED
#EF5455
R239 G84 B85
C0 M82 Y64 K0

WHITE
#FFFFFF
R255 G255 B255
C0 M0 Y0 K0

PRIMARY

SECONDARY

Branding Guidelines

FONTS

Main logo font/headers and subheaaders

PANTON DEMO BLACK

ABCDEFGHIJKLMNOPQRSTUVWXYZ
1234567890~!@#$%^&*()_+{}|:"<>?

Content title/subtitle

Lucida Sans

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
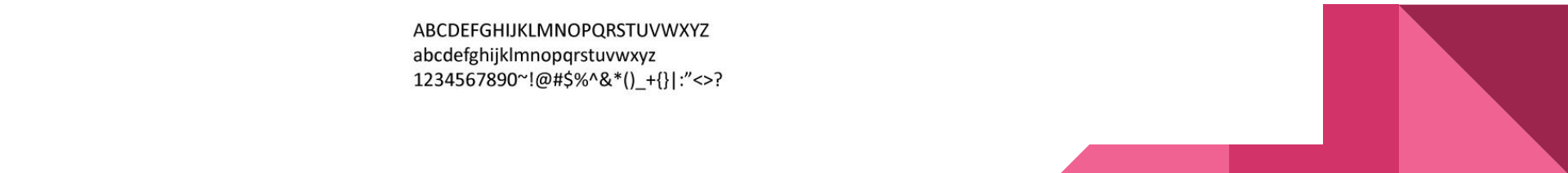1234567890~!@#$%^&*()_+{}|:"<>?

Body text

Arial

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890~!@#$%^&*()_+{}|:"<>?

Segoe UI

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890~!@#$%^&*()_+{}|:" <>?

Calibri

ABCDEFGHIJKLMNOPQRSTUVWXYZ
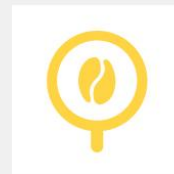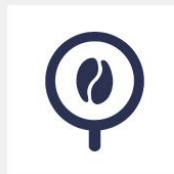abcdefghijklmnopqrstuvwxyz
1234567890~!@#$%^&*()_+{}|:"<>?

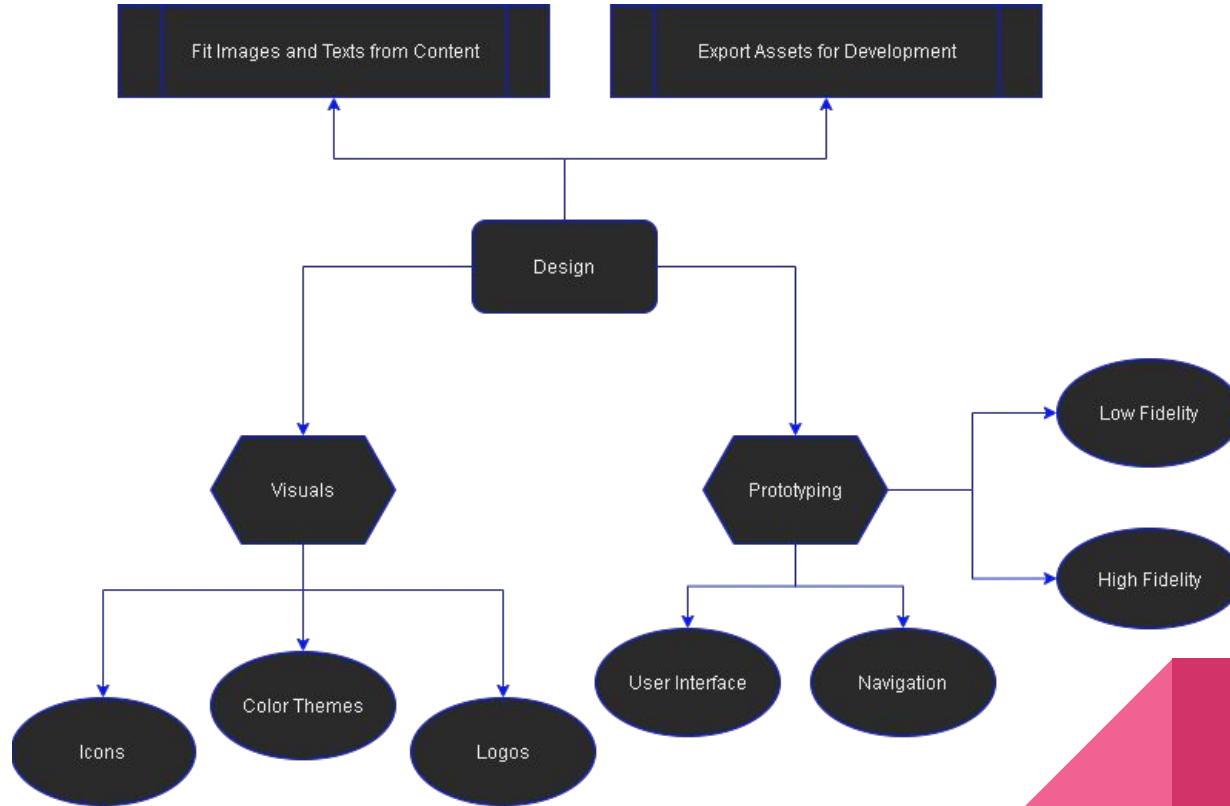# Branding Guidelines

MAIN LOGO
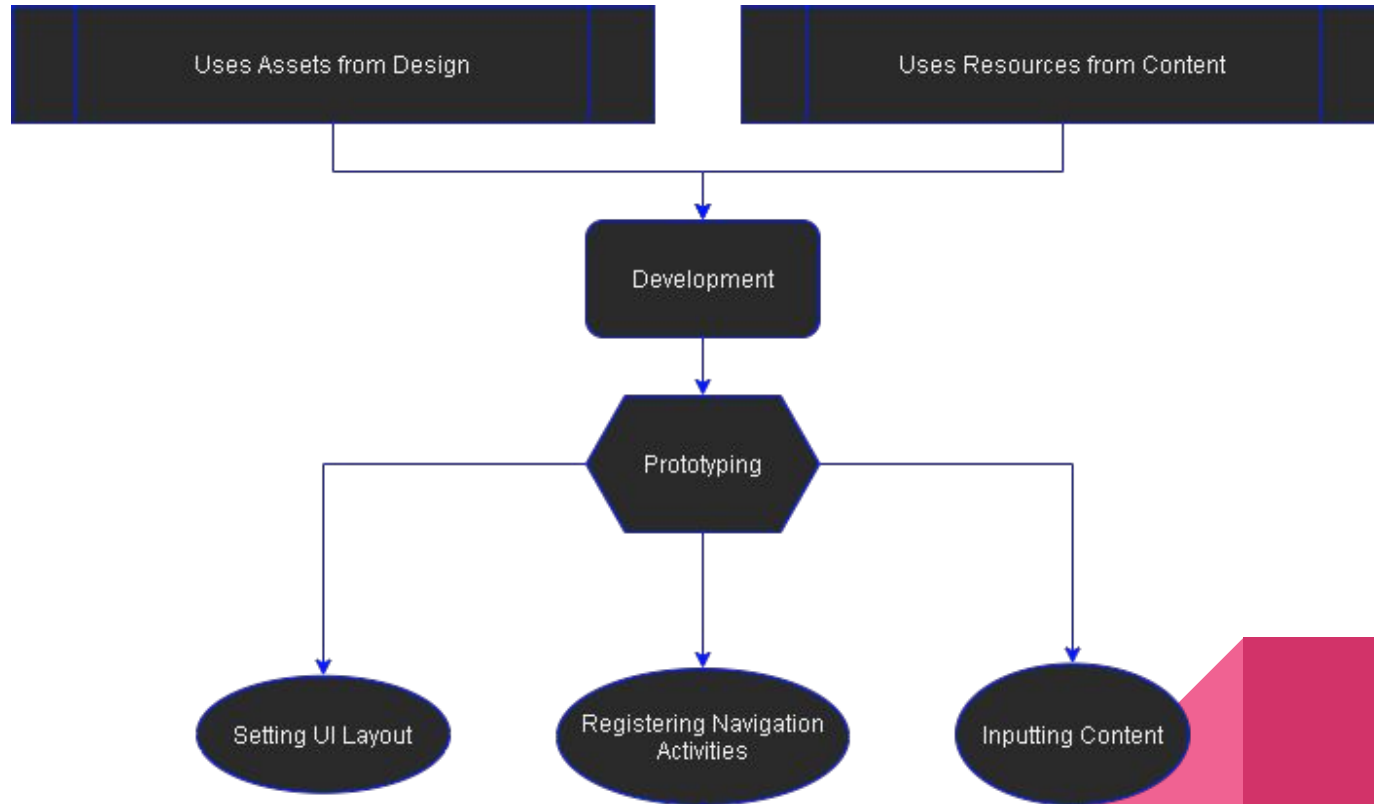
ICON

Branding Guidelines

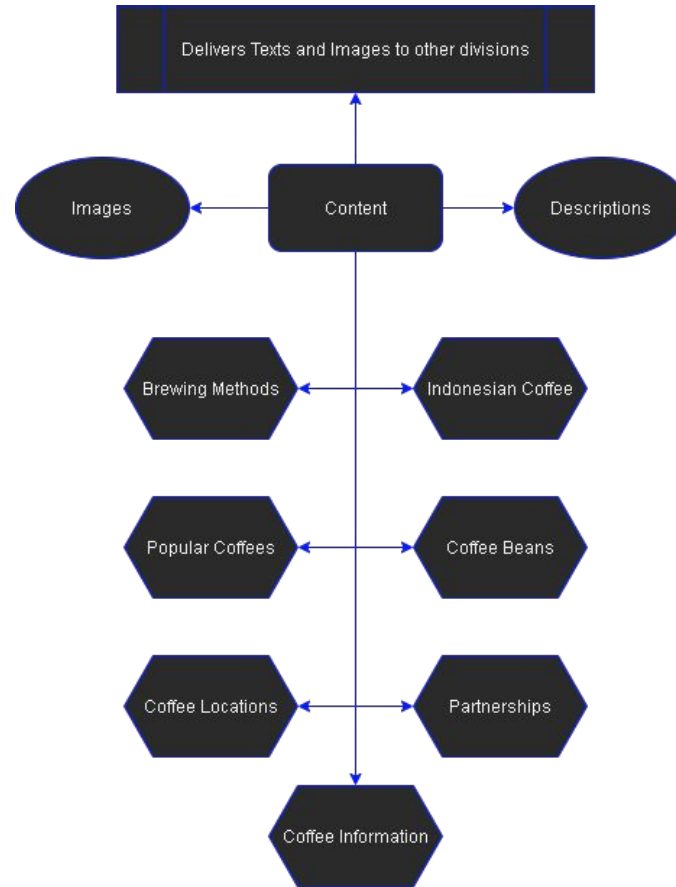COLOR VER.   B&W VER.
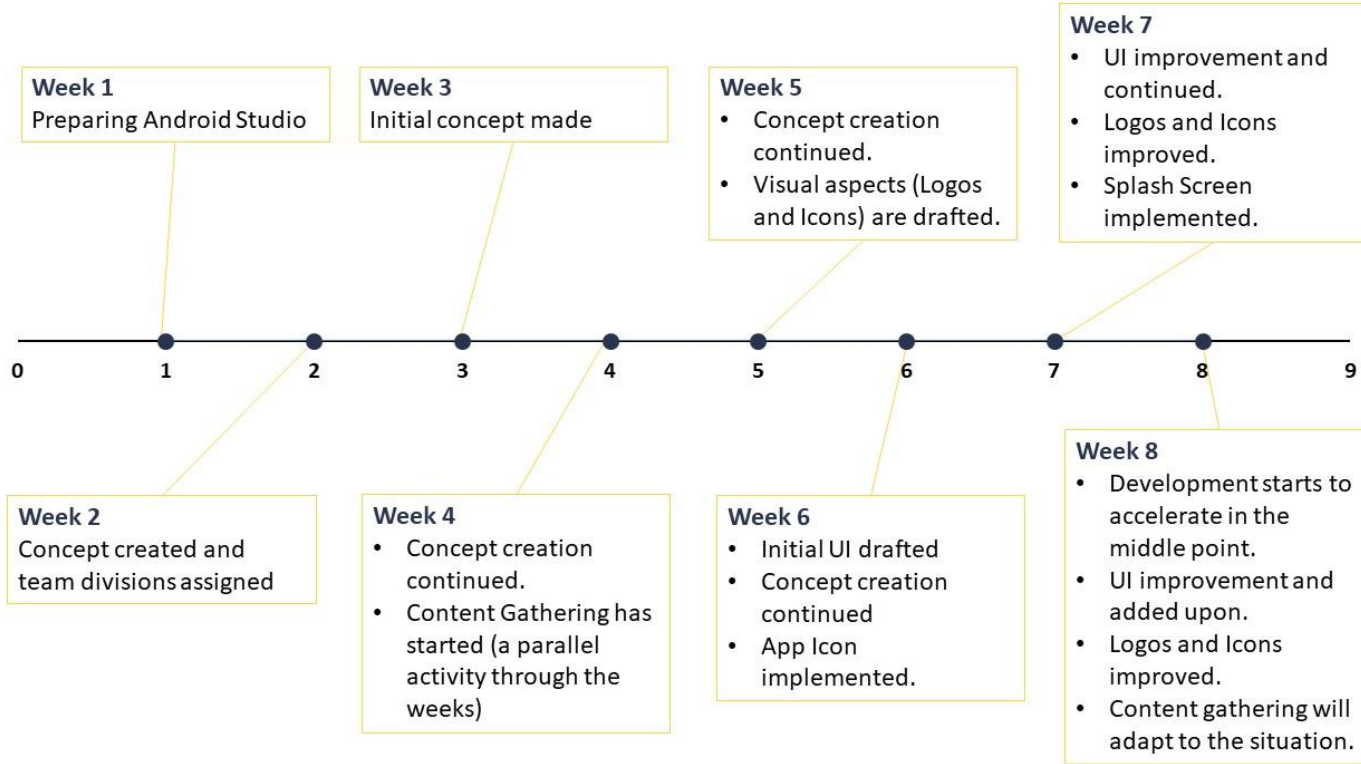
Development Mind Maps (*Design Perspective*)

Cont. (*Development Perspective*)

Cont. (*Content Organizer Perspective*)

Development Timeline: First Half
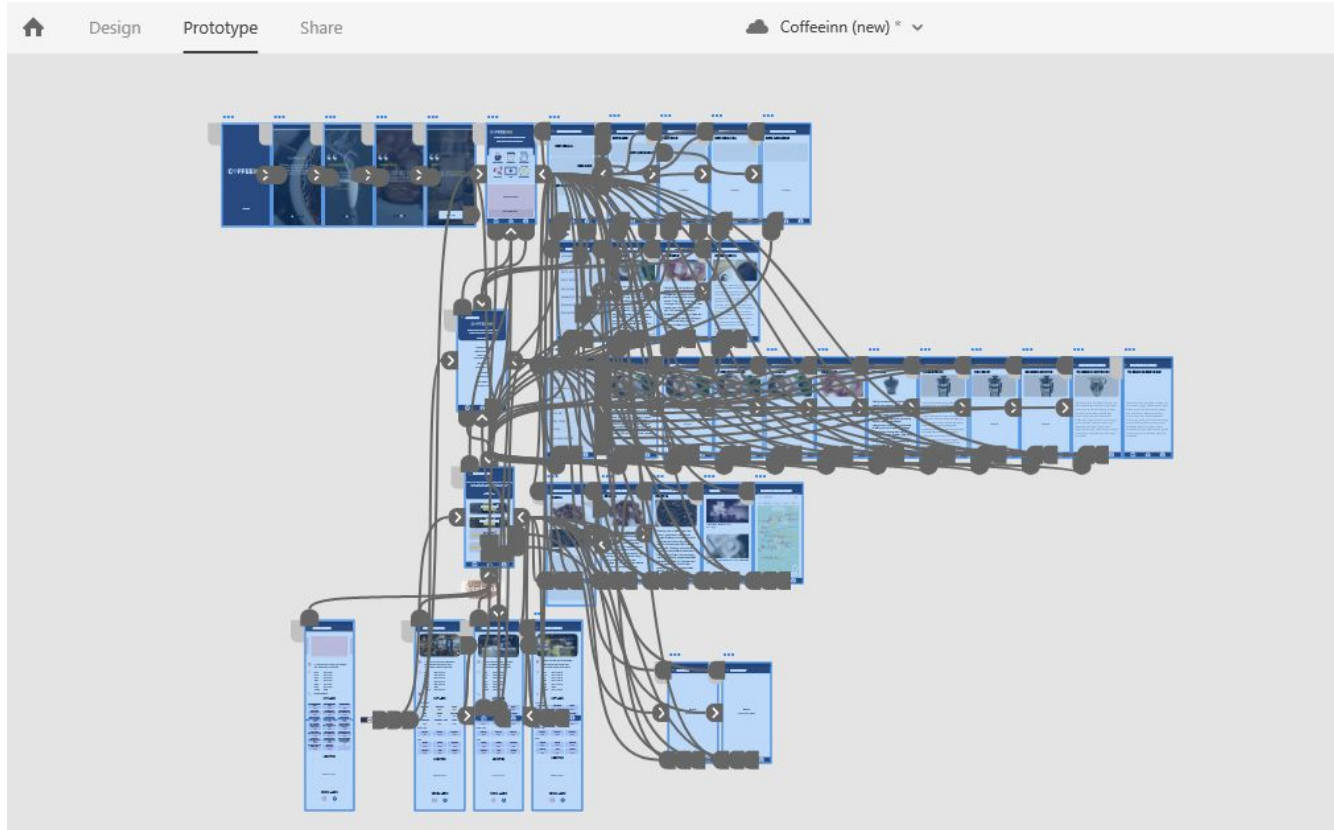

Week 1
Preparing Android Studio

Week 2
Concept created and team divisions assigned

Week 3
Initial concept made

Week 4
- Concept creation continued.
- Content Gathering has started (a parallel activity through the weeks)

Week 5
- Concept creation continued.
- Visual aspects (Logos and Icons) are drafted.

Week 6
- Initial UI drafted
- Concept creation continued
- App Icon implemented.

Week 7
- UI improvement and continued.
- Logos and Icons improved.
- Splash Screen implemented.

Week 8
- Development starts to accelerate in the middle point.
- UI improvement and added upon.
- Logos and Icons improved.
- Content gathering will adapt to the situation.

0 1 2 3 4 5 6 7 8 9

Cont. Second Half

Week 9
Full Basic Navigation implemented.
UI continued;
base UI should have been finalized.
Logos and Icons should have been finalized.

Week 11
Content gathering accelerated if needed.
UI and Development continued.

Week 15
Finalize all information and navigation,
test thoroughly

Week 13
Accelerate development and prototyping
Accelerate Content gathering.

Week 12
Implementing GPS is researched and started.
Further progress for App development
Starting this week, we'll boost the process

Week 10
- Most (available) images and descriptions
are being implemented;
- placeholders created for information not yet available

Week 14
Accelerate development and prototyping

Week 16
Finalized; release version available.

Wireframe Overview

Content Overview

coggle
made for free at coggle.it
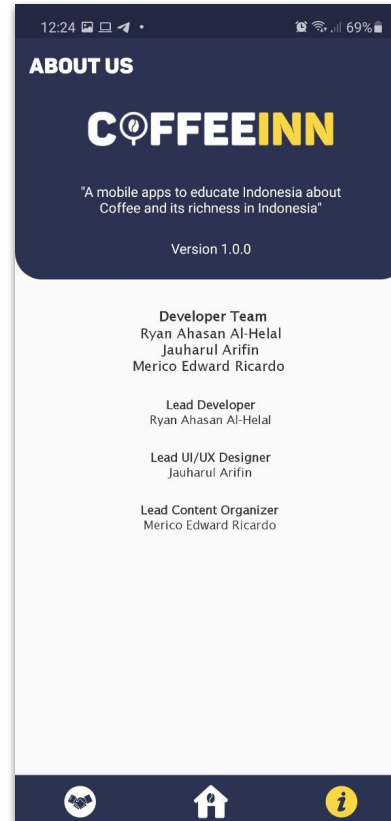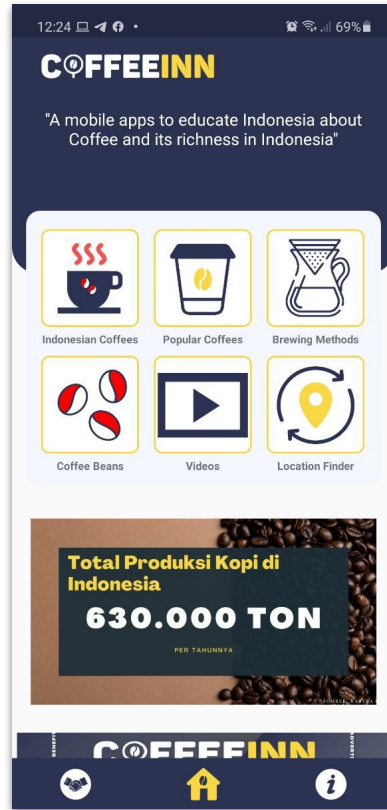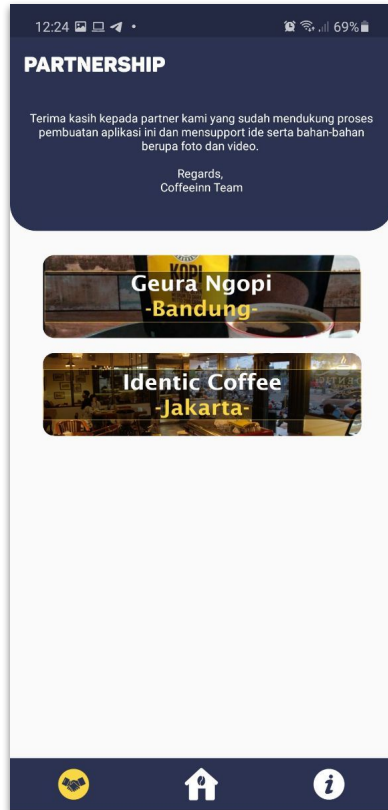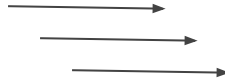
Indonesian Coffees
- Kopi Ciwidey
- Kopi Flores
- Kopi Java Ijen Raung
- Kopi Kintamani Bali
- Kopi Liberika Rangsang Meranti Riau
- Kopi Luwak
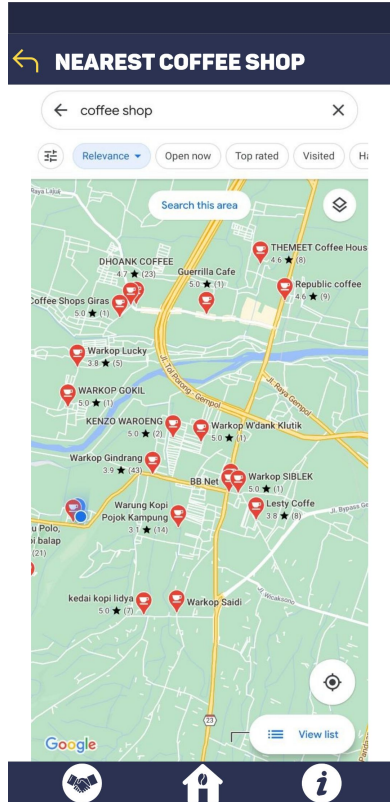- Kopi Papua Wamena
- Kopi Sidikalang
- Kopi Toraja
- Kopi Tubruk

Popular Coffees
- Affogato
- Caffe Latte
- Cappucino
- Cold Brew
- Espresso
- Ground Coffee
- Long Black
- Mocaccino
- Picollo
- Vietnam Drip Coffee

Content

Brewing Methods
- Aeropress
- Beehouse Dripper
- Chemex
- Cold Brew
- Espresso Machine
- French Press
- Moka Pot
- Syphon
- Vietnamese Drip Filter
- V60

Coffee Beans
- Arabica
- Excelsa
- Liberica
- Robusta

Overview Landing Page UI Design

Changes

Changes

Changes

App Testing

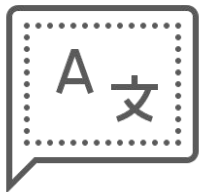|		
Joo Samsung A51	Edo Samsung A51	Ryan Samsung A3

Everything Running well at the end

Not perfectly running, due to android version

Future Development and Considerations
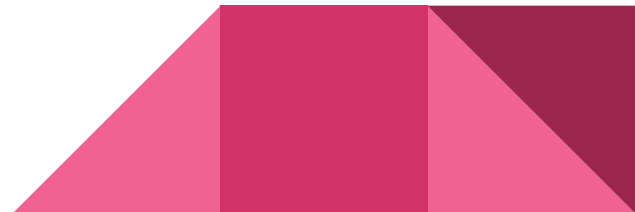
English Language Support

More collaborations

More Types of Information

Databases

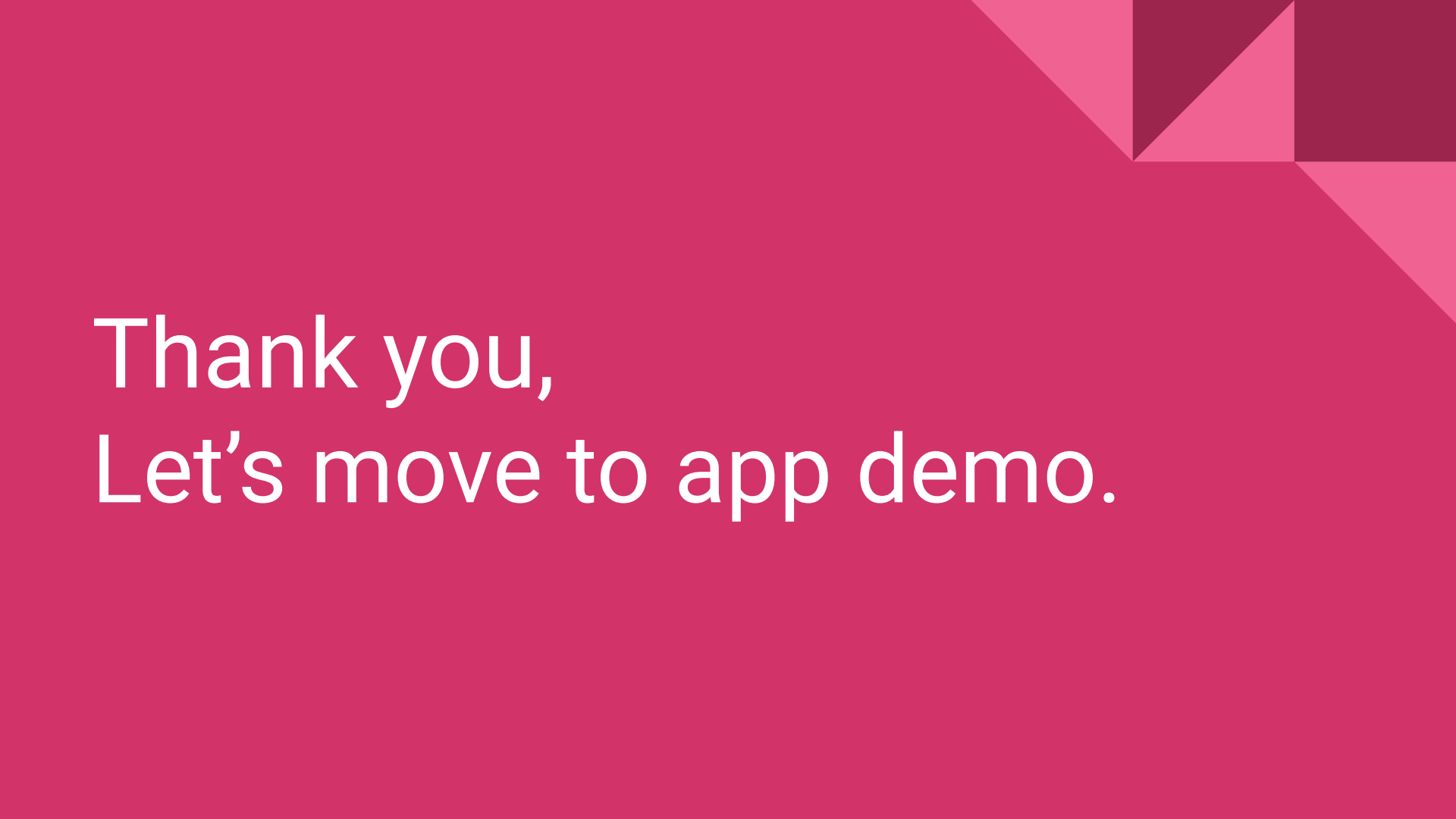Accounts

Final App Details

Apk Size: approximately 25 MB

Installed Size: approximately 50 MB (with cache)

Development and Application Concerns

❖ Lack of original coffee images and content

❖ Java and XML codes could be optimized better

❖ Our first app development using Fragment

❖ Complex architecture

❖ Video Full Screen feature

❖ Medium app size (25MB)

❖ Extend GPS functionality

Thank you,
Let's move to app demo.