

# the UX Journey

The process to optimize your resource for the quality User Requirement





The process to optimize your resource for the quality User Requirement

**Second Versions**

**Written by HCI Group**

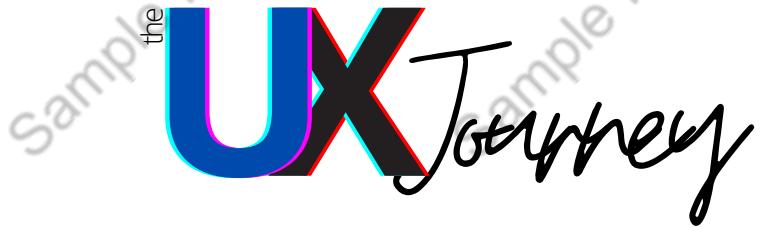
**Universitas Muhammadiyah Malang and Universiti putra malaysia**

Wahyu Andhyka Kusuma

Azrul Hazri bin Jantan

Novia Admodisastro

Noris Mohd Norowi



The process to optimize your resource for the quality User Requirement

The UX journey is a process that helps optimize resources for quality user requirements while improving self-efficacy. The process involves a series of steps that begin with understanding the user's needs and expectations. This includes conducting research to gain insights into the user's goals, motivations, and pain points. Once the user's needs have been identified, the next step is to develop a user persona, which is a detailed description of the user's characteristics, preferences, and behaviors. This persona serves as a reference point throughout the UX design process.

The next step in the UX journey is to define the user journey, which is the path that the user takes to achieve their goals. This includes mapping out the steps involved in the user's interactions with the product or service and identifying potential pain points or areas for improvement.

Once the user journey has been defined, the UX designer can begin to prototype and test different solutions. This involves creating wireframes, mockups, and prototypes of the product or service, and testing these designs with users to gather feedback and identify areas for improvement.

Throughout the UX journey, it is important to maintain a focus on the user's needs and expectations and to continuously iterate and improve the design based on feedback and testing. By following this process, designers can optimize their resources to deliver quality user requirements, while also building their self-efficacy and confidence in their design decisions.



# Hello

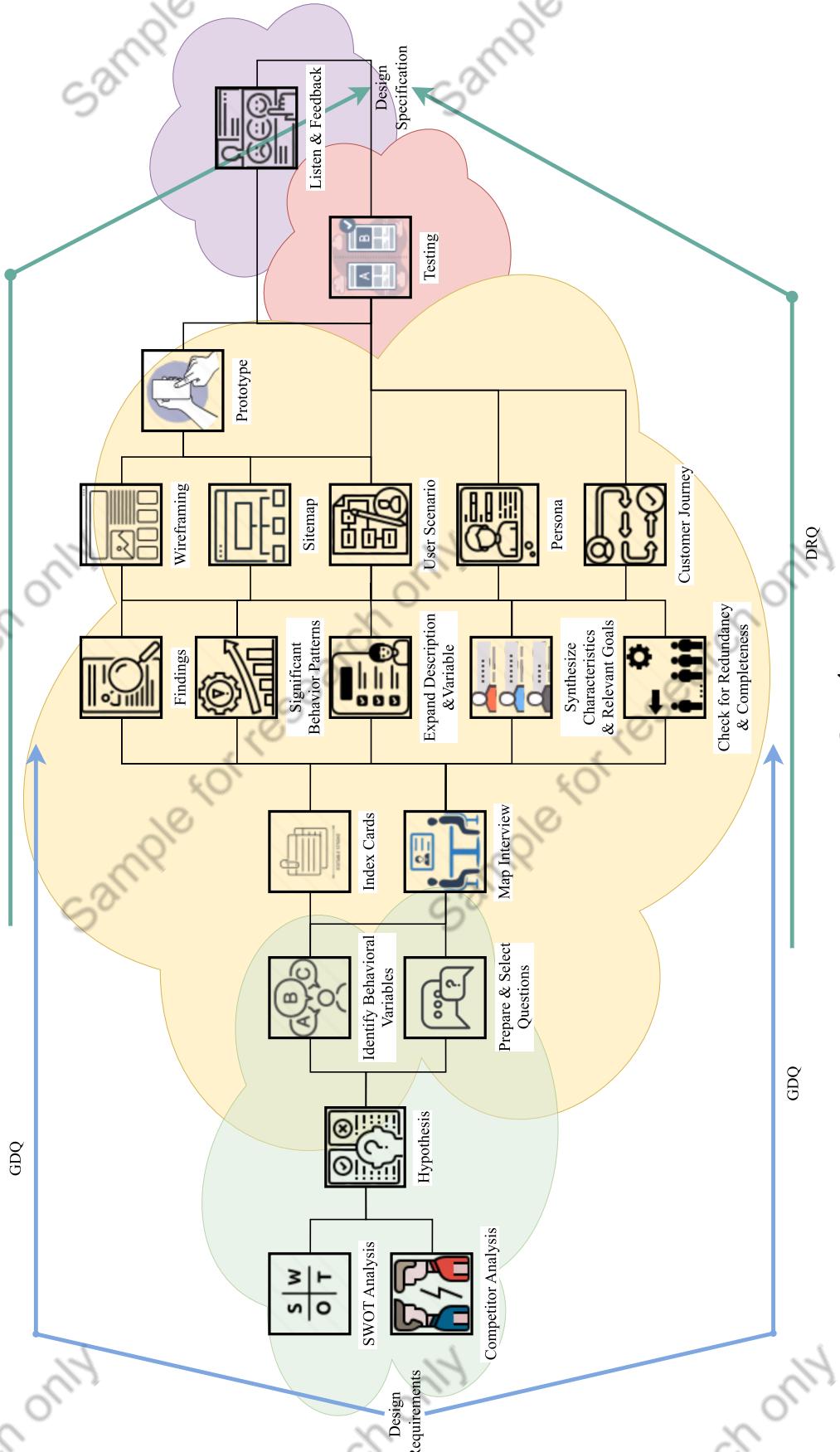
## This is my UX Diary

Tell me about your personality and ability

Hello guys!! Allow me to introduce myself, my name is Ismail Wahyu Fadilah or usually called me Fadillah. My Student Identification Number is 202010370311339 I am continuing my Bachelor of Science 1 education on the campus of the University of Muhammadiyah Malang

# UX Journey

The process to optimize your resource for the quality User Requirement



# UX Journey Activities Checklist

## (D) Discover

Time to work

<input type="checkbox"/> Field studies	16
<input checked="" type="checkbox"/> SWOT Analysis	16
<input checked="" type="checkbox"/> Competitor Analysis	6
<input checked="" type="checkbox"/> State Hypotheses	14
<input checked="" type="checkbox"/> Identify Behavioral Variables	2

## (E) Explore

<input type="checkbox"/> Prepare Questions	8
<input checked="" type="checkbox"/> Meet Stakeholder	8
<input checked="" type="checkbox"/> Index Card	16
<input checked="" type="checkbox"/> Map Interview Subjects to Behavioral Variables	16
<input checked="" type="checkbox"/> Identify Significant Behaviour Patterns	4
<input checked="" type="checkbox"/> Synthesize Characteristics and Relevant Goals	8
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# UX Activities Checklist

## (T) Test

	Time to work
<input checked="" type="checkbox"/> Quantitative & Qualitative Usability Testing	12
<input checked="" type="checkbox"/> A/B Testing	30
<input checked="" type="checkbox"/> Objective Verification	4
<input checked="" type="checkbox"/> Variable Verification	4
<input checked="" type="checkbox"/> Acceptance Criteria	45
<input checked="" type="checkbox"/> (L) Listen	
<input checked="" type="checkbox"/> Follow up	10

# My Goals



10 Menit

Kickstart Project	day 1 Compile Work program	day 2 Distribution Work program	day 3 Interview stakeholders
Time allocation			
day 4 Interview stakeholders	day 5 Making application	day 6 Making application	day 7 Making application
day 8 Making application	day 9 Test app to stakeholders	day 10 Test app to stakeholders	day 11 App revision
day 12 App revision	day 13 Application ready launched	day 14 Promosi	<b>Deliver Project</b>



*Discover*



16 Menit

# Field studies...

DATE 10 APRIL 2023

In this era of industrial development 4.0, there are many good and bad impacts for us, for example

The good impact is by taking advantage of this technological development by creating

Pulpit worship reminder application. In Indonesia, there are many older people

need an application that can remind you to pray, read the Koran, look at the direction of the Qibla,

and so on

Read Asmaul Husna via cellphone wherever you are as long as the internet can reach it.

So, from the problems above, I innovated to start making several observations

people who diligently worship at home or in the mosque. After that I can take the pulpit topic.

The reason I took this topic is because there are still many people who are confused

when you want to know when it's time to pray, there's a lack of Korans around you, you don't

know the direction of the Qibla, as well as reading Asmaul Husna as a daily reminder and

guide. As a result of this observation Many elderly people are less than optimal in carrying

out this worship, and do not maximize it There is a cellphone as a reminder of this worship.

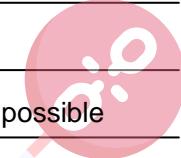


16 Menit

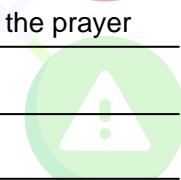
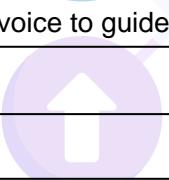
# SWOT analysis

## Strength

Advantages? This application is designed to look as comfortable and attractive as possible  
adjusted according to the user's age



Uniqueness? This application contains the guidance of the priest's voice to guide the prayer



Selling Points? There is a menu to direct the Qibla direction

Skills? can see prayer times offline

Other factors? Simple, useful features, stable network, light storage, and fast

## Weaknesses

Limitations? Limited prayer schedule which can only be seen for the next 1 month

Lack of effort? Lack of prayer menu for people who want to read prayers after prayer

Problems? In the Qibla direction menu, if you don't use a smooth internet, inaccuracies may occur

Poor strategy? Too focused on adding less useful features

Other factors?

## Opportunities

Improvements? Reading the Koran is only enough to use a cellphone for emergency situations

performance? The application is relatively light, the appearance that matches its function can lighten the server load

Opportunities? Adding a prayer menu in the application

Consumer behaviour? For application services over time will be improved again

Other factors?

## Threats

External trouble? Maybe in the mid-long term there are potential competitors for this application

obstacles? There is a shortage of design teams and execution teams for future projects

Trends? If you don't keep up with developments, be aware that the application may be displaced by other applications

Other factors?

# Competitor



6 Menit

## DIRECT COMPETITION

Direct competitor of the wanted system

I created this, namely the MIMBAR Application

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## INDIRECT COMPETITION

Indirect competitor of the desired system

I created this, namely a prayer reminder application

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## USER REVIEWS

The view from the direct and indirect is that in this MIMBAR application there are still deficiencies  
still doesn't support the prayer prayer feature which is very necessary too. So with  
With this drawback, people who use this application are also expected to bring books  
pray from home so that you can maximize your worship activities.

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H. Westhey

PERSONAS

## HYPOTHESES

Meylinda

H1

Gillang

H2

10 of 10

10

## EXPLANATION

The E-Pray application must display a feature that can remind

The E-Pray application is expected to clarify the Qibla direction features

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The E-Pray application can make people not forget to read the Koran  
routinely

Aplikasi E-Pray dapat membantu meningkatkan keimanan dan ketaqwaan dengan membaca juz akhir atau juz pendek



10 Menit



6 Menit

# Hypotheses Explanation..

DATE 23 APRIL 2023

For an explanation of the hypothesis resulting from my observations of several personas and aids information from Google Bing which focuses on the e-pray application system, many personas requires a prayer schedule feature to check prayer times every day, requires a feature Qibla direction to find out the accurate direction of the Qibla from our position, at least the Koran is located round us there is a lack of reading the Koran, as well as a lack of knowledge of its application can serve as a reminder to worship. Therefore, every personas really needs one applications that can overcome these problems that have occurred.

# *Identify Behavioral Variables*

2 Menit

OBSERVED BEHAVIORAL VARIABLE



6 Menit

# Variable Explanation..

DATE 23 APRIL 2023

Untuk penjelasan hipotesis yang dihasilkan dari observasi saya terhadap beberapa personas dan bantuan

informasi dari google bing yang berfokus kepada sistem aplikasi e-pray, personas banyak yang

membutuhkan fitur jadwal sholat untuk mengecek jam jam sholat setiap harinya, membutuhkan fitur

arah kiblat untuk mengetahui arah kiblat yang akurat dari posisi kita, minimnya alquran yang berada

disekitar kita menjadikan kurangnya membaca alquran, serta kurangnya pengetahuan aplikasi yang

dapat menjadikan pengingat beribadah. Maka dari itu setiap personas sangat membutuhkan sebuah

aplikasi yang dapat mengatasi dari masalah-masalah yang sudah terjadi ini.



*Explore*

# 15 minute prepare questions



8 Menit

2min

## Welcome remarks

Introducing me Fadilah, is a developer who is making an application.

2min

## Collect demographics

Age, gender, city & place of residence, have used the prayer schedule application, used a cell phone, had internet access

2min

## Tell a story

As people often don't know the exact prayer time, they need an application that can remind and see the prayer schedule every time

2min

## Problem ranking

Stiky Notes

3min

## Explore customer's word view

How is the experience when after using this application, which has been less anxious for so long

about the prayer schedule every time, as well as what inputs are expected for the future  
from this app

2min

## Wrapping up

Thank you for being a respondent to my observation.

2min

## Document results

Dokumen hasil wawancara ini digunakan bahan pertimbangan sebelum membuat aplikasi.

# Prepared questions



8 Menit

1. What do you hope to help this system grow
2. With what help can you check the schedule, read the Koran everyday
3. Are you having trouble finding the Qibla direction accurately?
4. What if you want to read Asmaul Husna everyday

5. What are the things that can hinder the activity of worship

6. Bagaimana keefektifan aplikasi MIMBAR ini nantinya saat dipakai

7.

8.

9.

10.

11.

12.

13.

14.

15.

“

Creativity is  
intelligence  
having fun

Albert Einstein

# Meet stakeholder



8 Menit

## OBJECTIVE AND EXPECTED RESULTS

Understand all the problems experienced by stakeholders and provide solutions to be able to solving every problem experienced by stakeholders through a software that I will for.

## 5 MINUTES QUESTIONS

1. Apa yang anda butuhkan untuk membantu sistem ini agar berkembang
2. Dengan bantuan apa anda bisa melakukan mengecek jadwal sholat, membaca quran sehari-hari
3. Apakah tidak mengalami kesulitan saat mencari tahu arah kiblat dengan akurat
4. Bagaimana cara jika anda berkeinginan membaca asmaul husna setiap hari
5. Apa saja hal yang dapat menghambat aktivitas beribadah
6. bagaimana keefektifan aplikasi aplikasi MIMBAR ini nantinya saat dipakai

# Findings



8 Menit

## MENTION YOUR FINDINGS

People want a feature or system that can display the recitation of the Koran

as a reminder of worship and remembrance for everyday

## MENTION YOUR FINDINGS

For now, there are still many who only listen to the call to prayer without looking at the time of each prayer

time and to read the Koran using the holy book of the Koran

## MENTION YOUR FINDINGS

There are still many people who are guided by "The important thing is to face west" to know the direction

qibla, and this method is old-fashioned and less accurate considering the earth is getting day by day

also experienced a shift in the earth's plates

## MENTION YOUR FINDINGS

Biasanya hanya dengan membaca memakai buku ataupun ditulis dibuku catatan yang menjadikan

kurang efektif jika kondisi kita sedang keluar rumah



16 Mennit

Share your idea, write in this notes

Persona wants  
an application system  
which is easy to use

Persona wants  
an application system  
small size

Persona wants  
an application system  
the menu is simple

Persona wants  
an application system  
which can be used  
for qibla direction



16 Menit

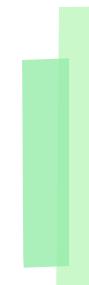
Persona wants  
an application system  
worship themed



Persona wants  
an application system  
which looks appropriate  
with the theme of worship



Persona wants  
an application system  
that can display  
quran letter



Persona menginginkan  
adanya sistem aplikasi  
yang dapat menampilkan  
jadwal sholat disetiap  
waktunya





16 Menit

Persona wants  
an application system  
which displays  
Asmaul Husna



Persona menginginkan  
adanya sistem aplikasi  
yang bertemakan sholat

Persona wants  
there is an application  
where can it be used  
anytime and anytime and  
light

Persona wants  
the application system  
easy to download

Persona wants  
an application system  
which displays  
Asmaul Husna



16 Menit

Persona wants  
an application system  
the menu is simple

Persona wants  
an application system  
that can display  
the sura that is in  
Al-Qur'an

Persona wants  
an application system  
which is easy to download

Persona menginginkan  
adanya sistem aplikasi  
yang bertemakan ibadah

“

If a User is  
having a  
problem, it's  
our problem.

Steve Jobs

# MAP INTERVIEW

## USER FEELING

Persona:



16 menit

Scale 1:	Scale 2:	Scale 3:	Scale 4:	Scale 5:

**Variable ..1:** Ease of increasing worship activities by displaying features  
prayer schedule



Scale 1:	Scale 2:	Scale 3:	Scale 4:	Scale 5:

**Variable 2 :** The ease with which the feature determines the Qibla direction accurately



Scale 1:	Scale 2:	Scale 3:	Scale 4:	Scale 5:

**Variable 3. :** Kemudahan fitur Alquran yang menjadikan orang gemar membacanya



# MAP INTERVIEW

## USER FEELING

Persona:



16 menit

Scale 1:	Scale 2:	Scale 3:	Scale 4:	Scale 5:

**Variable 4. :** Ease of helping increase piety with existence features of surah al quran



Scale 1:	Scale 2:	Scale 3:	Scale 4:	Scale 5:

**Variable 5. :** Kemudahan setelah memakai aplikasi yang digunakan dan ringan



Scale 1:	Scale 2:	Scale 3:	Scale 4:	Scale 5:

**Variable ... :**



# Significant Behaviour Patterns

OBSERVED BEHAVIORAL VARIABLE	SCALE	PERCENTAGE
Ease of increasing worship activities by displaying the prayer schedule feature	Happy      Neutral      Displeased	20%    40%    40%
The convenience of the feature of determining the Qibla direction accurately	Happy      Neutral      Displeased	40%    40%    20%
Ease of features of the Koran that makes people love to read it	Happy      Neutral      Displeased	20%    80%    0%
Ease of helping improve piety with the features of the Koran surah	Happy      Neutral      Displeased	20%    80%    0%
Ease after using the application use and light	Senang      Neutral      Tidak senang	40%    40%    20%

2 menit

# Pattern Explanation..



6 Menit

DATE 23 MEI 2023

Menjelaskan hasil prosentase dari hasil wawancara kepada personas :

1. Variabel kedua : 20% menjawab Senang, 40% menjawab Netral, 40% menjawab Tidak

Senang.

2. Variabel pertama : 40% menjawab Senang, 40% menjawab Netral, 20% menjawab Tidak

Senang.

3. Variabel ketiga : 20% menjawab Senang, 80% menjawab Netral, 0% menjawab Tidak

Senang

4. Variabel kelima : 20% menjawab Senang, 80% menjawab Netral, 0% menjawab Tidak

Senang.

5. Variabel keempat : 40% menjawab Senang, 40% menjawab Netral, 20% menjawab

Tidak Senang.

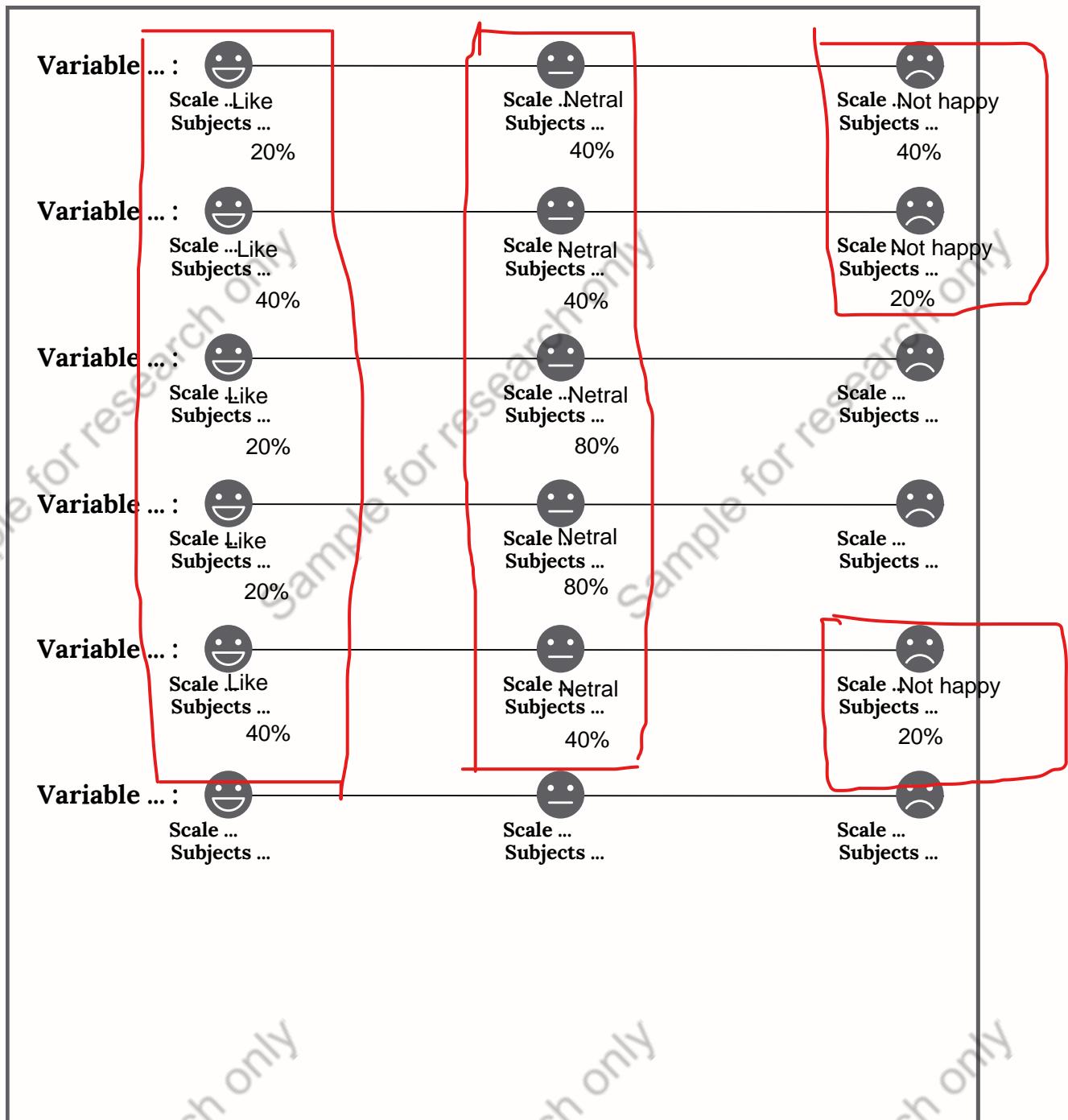
# SYNTHESIZE CHARACTERISTICS AND RELEVANT GOALS

## PATTERN

Persona:



8 minit





14 menit

# Synthesize Explanation..

DATE 23 MEI 2023

Based on the SYNTHESIS CHARACTERISTIC AND RELEVANT GOAL data, the pattern is obtained  
the explanation is as follows:

Variable 1, There are 20% of stakeholders who feel happy when they get convenience  
worship activities by displaying the prayer schedule feature. 40% of personas feel neutral on this issue.  
~~And 40% of personas are not happy on this issue.~~

Variable 2, There are 40% of stakeholders who feel happy when they get convenience  
the feature determines the Qibla direction accurately. 40% feel neutral on this issue. And 20% personas  
feel bad about this problem.

Variable 3, There are 20% of the stakeholders who feel happy when they get the convenience of the Koran  
features  
that makes people love to read it. And 80% of personas feel neutral on this matter.

Variable 4, There are 20% of stakeholders who feel happy about the convenience of helping  
increasing piety with the feature of the surah al-Quran 80% persona feels neutral on this issue.

Variabel 5, Pada stakeholder terdapat 40% persona yang merasakan senang saat mendapatkan kemudahan  
memakai aplikasi yang digunakan dan ringan. Dan 40% persona merasakan netral pada masalah ini.  
Dan 20% persona merasakan tidak senang pada masalah ini.

“

Want your  
users to fall in  
love with your  
designs? Fall in  
love with your  
users.

Dana Chisnell

# Check for Redundancy and Completeness



6 menit

## To do this validation

a number of questions have to be answered, such as are all the created personas significantly different

Do all the created personas represent the diversity of real-world behaviors and needs that the system will address

If two personas appear to differ only as to sociodemographic data

Either one of the redundant personas can be eliminated or the characteristics of personas should be further specified to show up the distinctions

At least one significant behavior should distinguish one persona from any other

## Verification with other user

Validation was carried out using 5 fabric respondents for each persona. Thus, the results are obtained are:

Variabel 1 : 20%	40%	40%
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Variabel 2 : 40%	40%	20%
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Variabel 3 : 20%	80%	0%
------------------	-----	----

Variabel 4 : 20%	80%	0%
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Variabel 5 : 40%	40%	20%
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It can be concluded that the results of the verification of the respondents are the same as the respondents so that the hypothesis

no additional respondents are needed.



2 menit

# Verification

DATE 23 MEI 2023

Dengan adanya kami melakukan verifikasi yang disini menggunakan metode 5 user personas dimana kami dapat melakukan validasi seluruh kebutuhan yang telah disimpulkan dapat diukur sesuai dengan kebutuhannya.

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# Check for Redundancy and Completeness



2 menit

DATE 23 MEI 2023

**Is there anything missing from the personas mappings, characteristics and objectives that needs to be added?**

If so, please specify: No

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**To satisfy stakeholder assumptions or requests, does any other persona need to be added?**

If so, please specify which persona should be added:

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**Are they any two personas that differ only as to socio-demographic variables?**

If so, please specify what decision is to be taken:

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a. Remove one of the personas. If so, specify which one:

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b. Examine characteristics more thoroughly and differentiate personas:

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**Are all created personas significantly different?**

If so, please state, which personas are alike:

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**As a whole are the created personas representative enough of the diversity of real-world behaviour and needs?**

Iya, Karena persona yang dipakai sudah cukup untuk menggali respondensi

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## Conclusion



2 Menit

DATE 23 MEI 2023

After getting 5 different respondents plus several respondents who had the same answer

The same. The personas chosen are appropriate and have enough differences to suit your needs  
each persona and characteristics of some subjects. Thus, research is carried out as well  
in line with the problems that exist in the persona.

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# Expand Description and Variable



4 Menit

TODAY I AM FEELING...

Better

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TODAY I AM GOTING TO...

carry out worship

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TODAY I AM LOOKING FORWARD TO...

Today i will be read Alquran

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MY AFFIRMATION TODAY

Pursue the future as if you still have 1000 years to live and worship as if you have only 1 day left to live

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16 Menit

DATE 23 MEI 2023

**Persona name:** Meylinda

**Age:** 48

**User quote:**

Keep straight street

**Lifestyle:**

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**Skill & Knowledge:**

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Internet | <input checked="" type="checkbox"/> Smartphones  |
| <input checked="" type="checkbox"/> Website  | <input checked="" type="checkbox"/> Social media |

Others:

**Roles & tasks:** User

**Profession:** Housewife

**Personality traits/ behaviour:**

often forget the time of prayer

**Motivation:**

Worship comfortably

**Segment:**

Ingin adanya aplikasi yang menampilkan jadwal sholat

**Sketch persona:**



# Persona



16 Menit

DATE 23 MEI 2023

**Persona name:** Gilang

**Age:** 60

**User quote:**

selalu cari pahala

**Lifestyle:**

**Skill & Knowledge:**

- Internet  Smartphones  
 Website  Social media

Others:

**Roles & tasks:** User

**Profession:** Farmer

**Personality traits/ behaviour:**

Difficulty carrying the Koran when in public places

**Motivation:**

Read the Koran anywhere anytime

**Segment:**

I want an application that has the Koran on my cellphone

**Sketch persona:**



# Persona



16 Menit

DATE 23 MEI 2023

**Persona name:** Fadil

**Age:** 47

**User quote:**

chase future like live 1000  
year and worship is like life  
remaining tomorrow.

**Lifestyle:**

**Skill & Knowledge:**

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Internet | <input checked="" type="checkbox"/> Smartphones  |
| <input checked="" type="checkbox"/> Website  | <input checked="" type="checkbox"/> Social media |

Others:

**Roles & tasks:** User

**Profession:** Construction Entrepreneur

**Personality traits/ behaviour:**

Difficulty determining accurate Qibla direction

**Motivation:**

Be diligent in worship and solemn

**Segment:**

Want an application that can determine  
Qibla direction with accuracy

**Sketch persona:**



# Persona



16 Menit

DATE 23 MEI 2023

**Persona name:** Maulana

**Age:** 50

**User quote:**

pray properly

**Lifestyle:**

**Skill & Knowledge:**

- Internet  Smartphones  
 Website  Social media

Others:

**Roles & tasks:** User

**Profession:** Language teacher

**Personality traits/ behaviour:**

Difficulty carrying a book to read the Koran every time  
time

**Motivation:**

Study seriously but relaxed

**Segment:**

Ingin adanya aplikasi yang dapat menampilkan

bacaan surah alquran, ringan, dan mudah digunakan

**Sketch persona:**



“

To create a  
memorable design,  
you need to start  
with a thought  
that's worth  
remembering.

Thomas Manss

# Customer Journey Mapping



50 Menit

- 1 Decide on a target customer persona and the scope of the journey to be explored today. Give them a visual representation, name and description.



Persona 1  
[Insert persona's name here]

- 2 Use sticky notes to build a back story, including the customer's reasons for taking this particular journey.

## Key Attribute

Fadil



Add your thought here

- 3

Ideally, 1 persona = 1 journey map. Duplicate these pages to repeat the exercise for another persona.

## Short Description

fadil is a user of the e-pray application



Add your thought here

## Needs

Mamad wants an application that has a Koran menu



Add your thought here

## Challenges

Sufficient internet quota



Add your thought here

## Opportunities

Dengan adanya permasalahan diatas maka pihak pengembang akan membuat aplikasi yang dapat menampilkan surah pada Alquran



Add your thought here

## Persona 1



**4** Describe the persona's journey in the first 3 rows, using one sticky note per action. "User actions" pertain to activities; "touchpoints" are interaction points like a website or email; and "pain points" refer to frustrations, errors and bottlenecks.

**5** In the "emotions" row, move the dots up or down the colored spectrum to visually show how the persona's emotional experience rises and falls throughout the journey. Positive peaks = delight, while sudden drops = frustration.

Possible Solutions	Solutions	Emotions	Toughpoints	Pain points	User Actions	Consideration	Purchase	Onboarding	Advocacy

**6** In the final row, brainstorm possible solutions or areas of opportunity to improve the persona's experience.

# Customer Journey Mapping



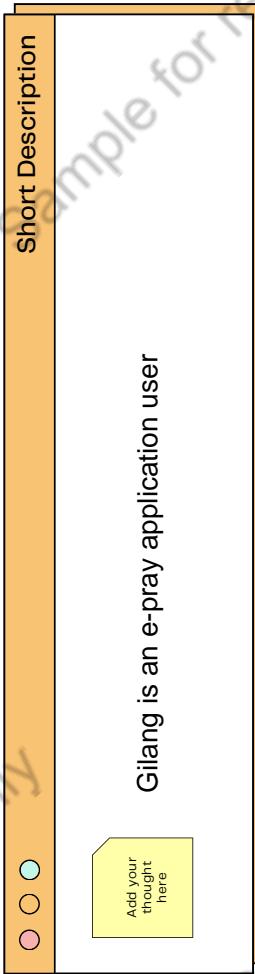
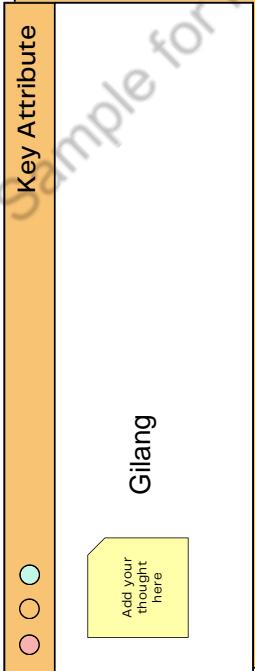
50 Menit

- 1** Decide on a target customer persona and the scope of the journey to be explored today. Give them a visual representation, name and description.

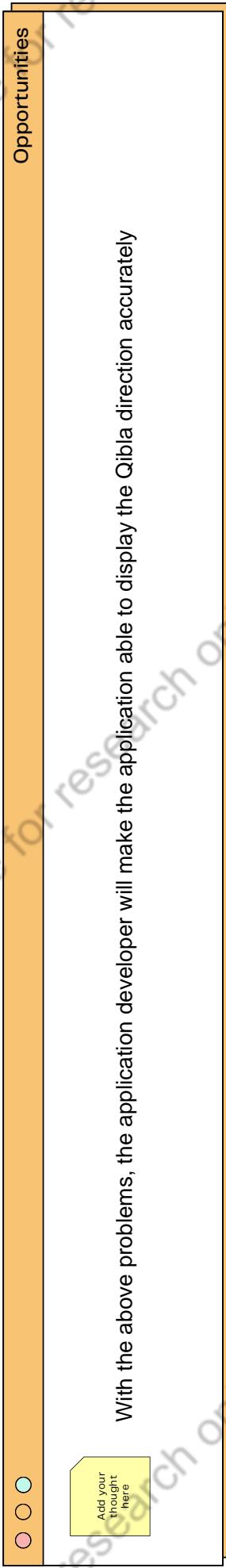
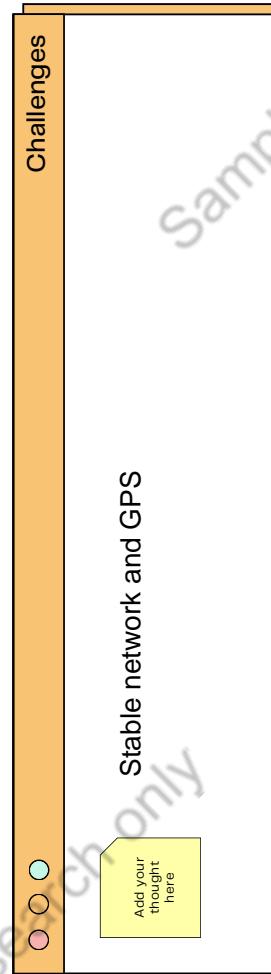


Persona 1  
[Insert persona's name here]

- 2** Use sticky notes to build a back story, including the customer's reasons for taking this particular journey.



- 3** Ideally, 1 persona = 1 journey map. Duplicate these pages to repeat the exercise for another persona.





50 Menit

Persona 1



- 4** Describe the persona's journey in the first 3 rows, using one sticky note per action. "User actions" pertain to activities; "touchpoints" are interaction points like a website or email; and "pain points" refer to frustrations, errors and bottlenecks.

**5** In the "emotions" row, move the dots up or down the colored spectrum to visually show how the persona's emotional experience rises and falls throughout the journey. Positive peaks = delight, while sudden drops = frustration.

**6** In the final row, brainstorm possible solutions or areas of opportunity to improve the persona's experience.

User Experience Map					
Awareness	Consideration	Purchase	Onboarding	Advocacy	
User Actions	Touchpoints	Pain points	Emotions	Solutions	Possible Solutions
Applications that display Qibla direction with accuracy	Sized application  Add your thought here	Click on the Qibla menu	In accordance	Themed display surahs of the Koran  Add your thought here	Applications that display surahs of the Koran  Add your thought here
If the internet network and GPS weak, can also occur failure accuracy				On the main menu	Click on the surah menu Al-Qur'an
				Tampilan hanya sederhana saja	

# Customer Journey Mapping



50 Menit

- Decide on a target customer persona and the scope of the journey to be explored today. Give them a visual representation, name and description.

1



Persona 1  
[Insert persona's name here]

Key Attribute

Meylinda

Add your thought here

Short Description

Meylinda is an e-pray application user

Add your thought here

- Use sticky notes to build a back story, including the customer's reasons for taking this particular journey.

2

Needs

Challenges

Opportunities

Requires an application that can check the prayer schedule every time

Stable internet network

Add your thought here

Add your thought here

Dengan adanya permasalahan diatas maka pihak pengembang aplikasi akan membuat aplikasi yang nyaman bagi pengguna



50 Menit

## Persona 1



Describe the persona's journey in the first 3 rows, using one stickynote per action. "User actions" pertain to activities, "touchpoints" are interaction points like a website or email; and "pain points" refer to frustrations, errors and bottlenecks.

10

In the final row, brainstorm possible solutions or areas of opportunity to improve the person's experience.

User Experience Map					
Awareness	Consideration	Purchase	Onboarding	Advocacy	
Applications that can show schedule pray	Easy application used	Easy application used	The menu application simple	Add your thought here	
Click the Quran menu	On the main menu	Some menu already simple			
Can only display 1 city only					

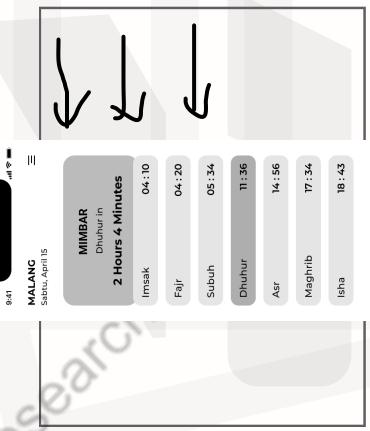
“

Usability rules the Web. Simply stated, if the customer can't find a product, then he or she will not buy it.

Jakob Nielsen

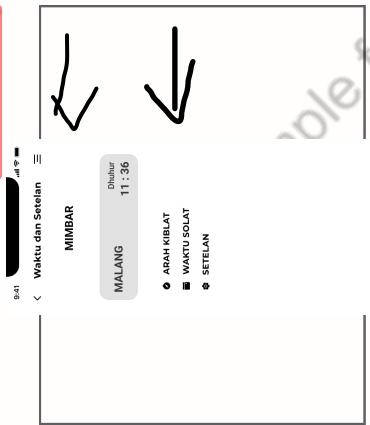
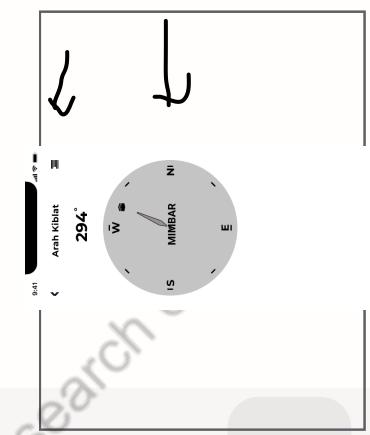
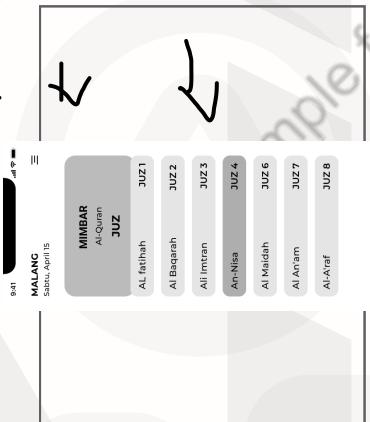
# User Scenarios and Stories

Users can see prayer times  
and choose a menu



Want to read surah

the user can choose which surah



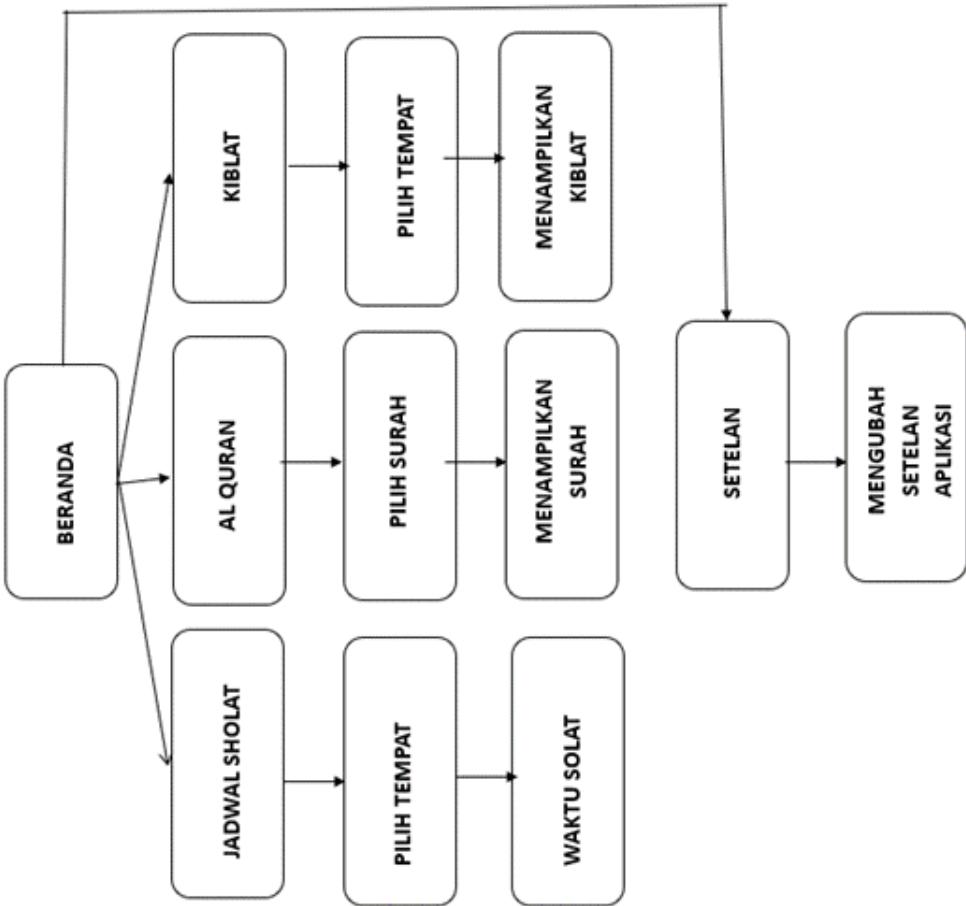
user can change location  
and time, as well as settings  
application



*Sistem*

1

2 Menit



IV

Page 50 from 1

# Wireframing



16 Menit



Screen name:

Prayer schedule

Component:

Button

Now

Icons

Location

Prayer times

Imsak time

Heuristic violated:

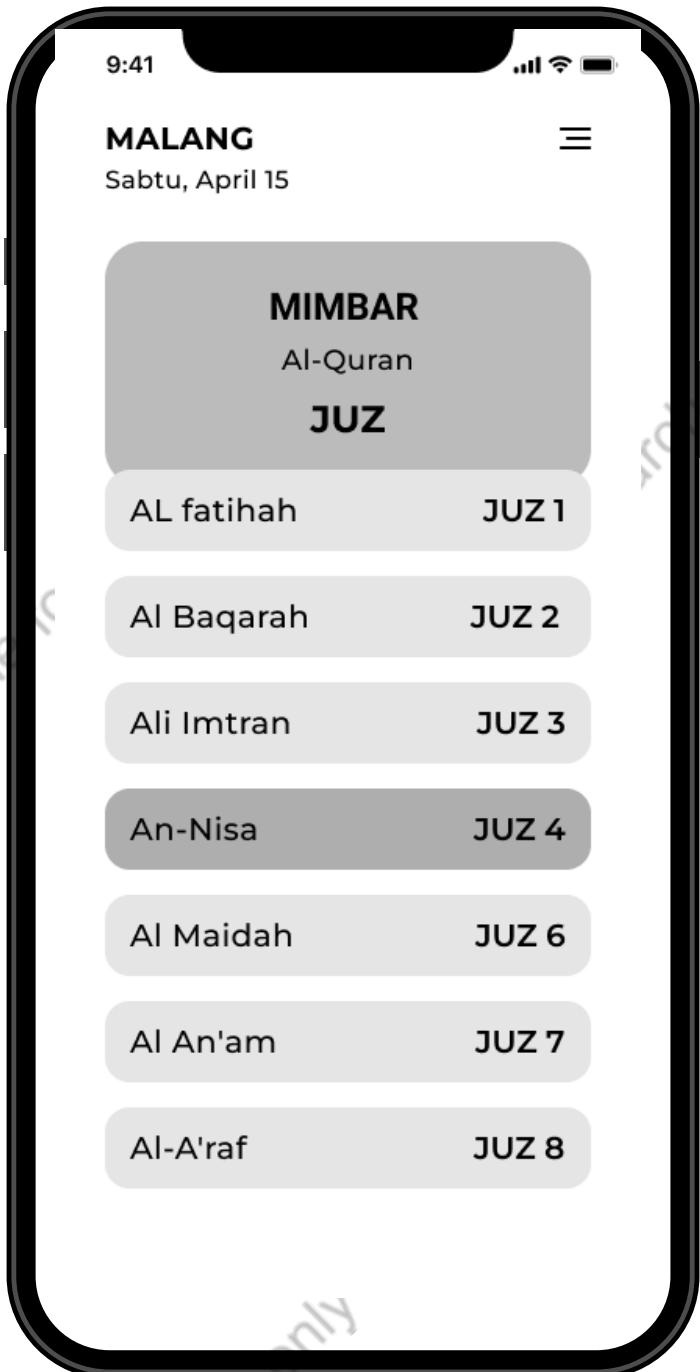
Tampilan jadwal waktu solat sebelum

user memilih menu,

Al-quran, Kiblat



16 Menit



Screen name:

Al-quran

Component:

Location

date

Surah selection column

Surah button, juz,

Heuristic violated:

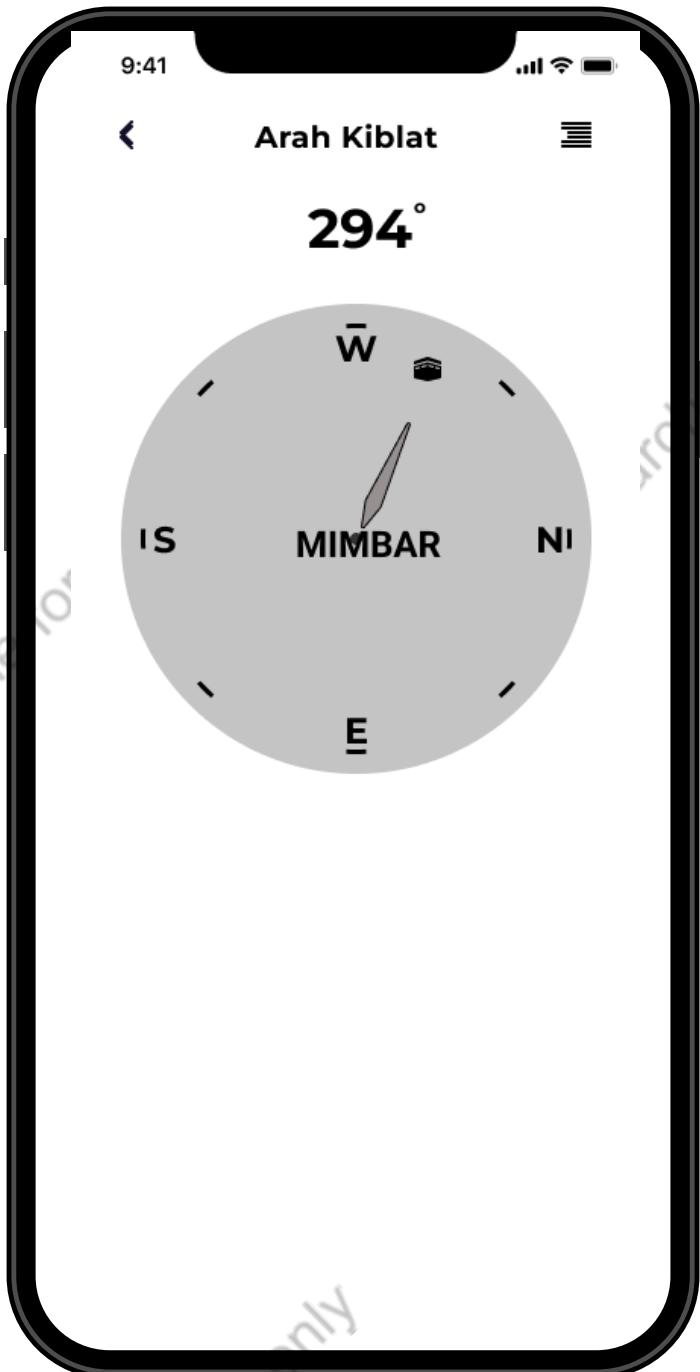
Berdasarkan beberapa user story

yang menginginkan adanya menu

Al-quran



16 Menit



Screen name:

Qibla

Component:

Tomboi kompas,dan derajat

Huruf

Heuristic violated:

# Wireframing



16 Menit



Screen name:

Time and settings

Component:

Location

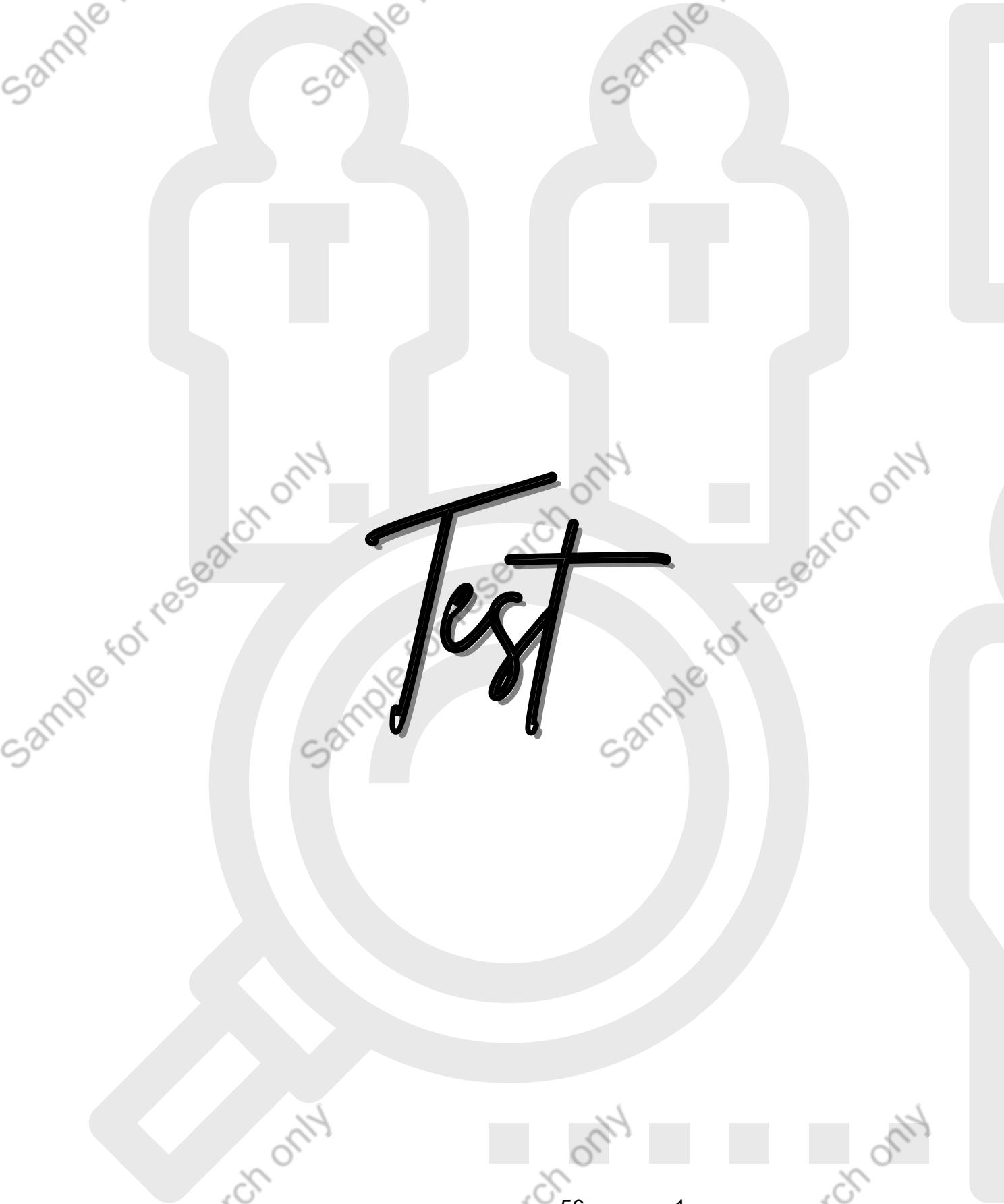
waktu solat

menu Kiblat

Waktu solat

Setelan

Heuristic violated:



# Qual & Quant



12 Menit

## QUALITATIVE RESEARCH

- Focus on "why"
- inform design decisions
- identify usability issues and find solutions
- Findings based on the researcher's impressions, interpretations, and prior knowledge

## QUANTITATIVE RESEARCH

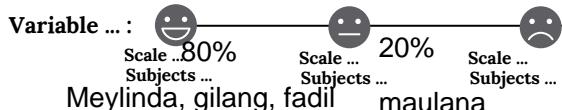
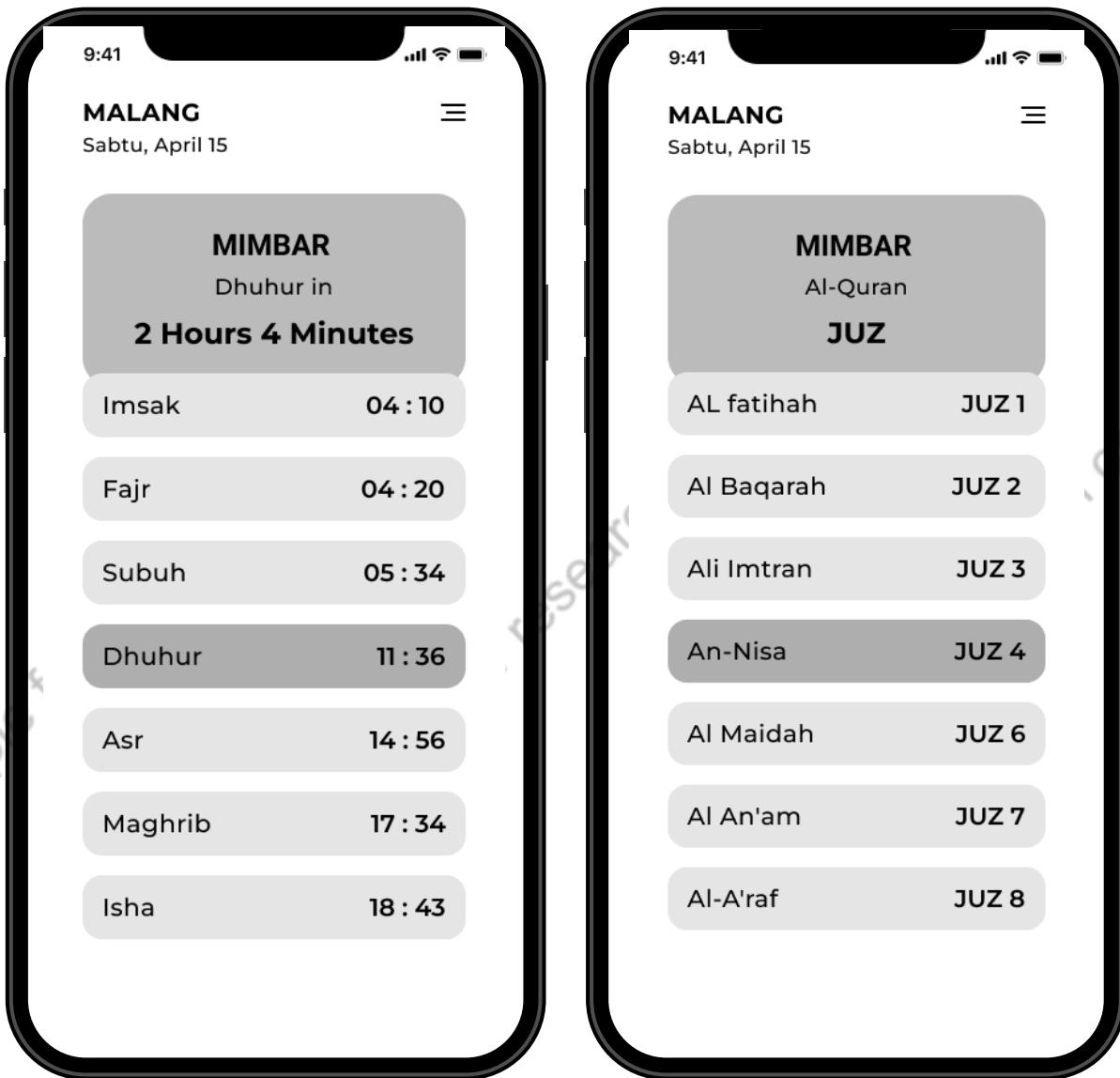
- focus on "how many" & "how much"
- evaluate the usability of an existing site
- track usability over time
- compare site with competitors

## USER REVIEWS

latest based on what users need. The step is to create user stories that match what the example user needs can display a schedule timed prayers, the Al-Quran in the application, an accurate Qibla direction feature, and the availability of .The reason I use quantitative research is because using this method can be done focusing more deeply on the experience and features for users. Wrong one of them uses the AB Testing method, which is a method that is suitable for system checking prayer reminder & schedule application whose function is to understand experience, identify needs, and as a comparison tool against similar systems with existing application systems feature that can display surahs of the Koran. After the user stories are collected then next Interviews will be conducted with the persona regarding what needs are needed and continued comparison of personas' features and needs.



30 menit



**Note:** In this prototype the user feels more like because it looks simple and easy to understand in determining the time

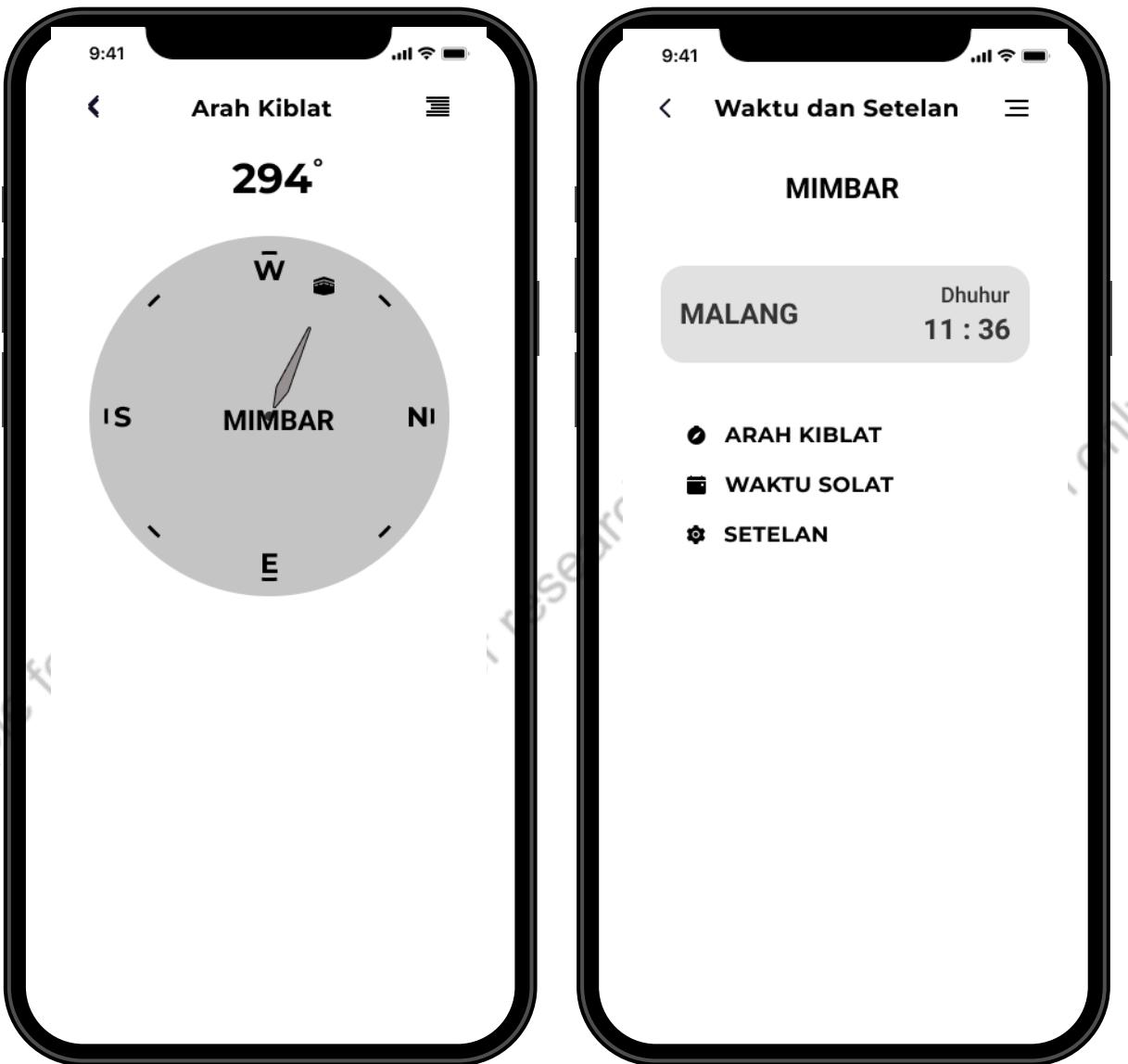


**Note:** Pada prototype ini user lebih merasakan senang because the display contains options incomplete sura

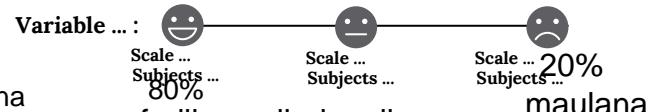
# AB Testing



30 Menit



Note: In this prototype the user feels more like  
due to accurate qibla view



Note: In this prototype the user feels more like  
memudahkan pengguna dalam  
mengubah tempat dan menggunakan  
setelan

# Verification

10

## HYPOTHESES

PERSONAS

Meylinda, Gilang, Fadil, Maulana

## EXPLANATION

Dari hasil sistem diatas, jika dilakukan uji banding dengan aplikasi yang sejenis, user story sudah cukup merasakan puas terhadap dibuatnya aplikasi jadwal sholat ini yang sudah sesuai dengan apa yang diharapkan oleh user story dan dapat berfungsi sesuai dengan kegunaannya.



4 Menit



4 Menit

# Objective Explanation..

DATE 28 MEI 2023

My reason is that the first page has a simple, concise menu to make it easier for users to use this application and sometimes there are also users who can't wait to use this application. For page Secondly, I will immediately display a detailed prayer schedule for each time. Enter on the third page Go to the Al-Quran menu which contains juz and pages to make it easier to find the surah. The fourth page is here to find out the accurate Qibla direction from the location point. And the last This contains Asmaul Husna which can be read via an application.

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# Objective Behavioral Variables

OBSERVED BEHAVIORAL VARIABLE

SCALE

Ease of increasing worship activities by displaying

prayer schedule feature

The ease of having the features of the Al-Quran makes people fond of 90% has been represented by the Gilang user story read it

Ease of petrification increases piety with  
there is the Koran

~~husna, a lightweight application, and easy to use~~

90% sudah diwakili oleh user story Maulana

90% have been represented by the user story meylinda

4 Menit

4 Menit

## Acceptance Criteria

Positive Case			
Given	When	Then	User Interface
90% has been represented by user story maulana	When you click on the prayer schedule feature	The system is still experiencing bugs, and allow for this near future only can display 7 days prayer schedule can be displayed	 <p>9:41 MALANG Sabtu, April 15 <b>MIMBAR</b> Dhuhr in <b>2 Hours 4 Minutes</b></p> <p>Imsak 04:10</p> <p>Fajr 04:20</p> <p>Subuh 05:34</p> <p>Dhuhr 11:36</p> <p>Asr 14:56</p> <p>Maghrib 17:34</p> <p>Isha 18:43</p>



45 Menit

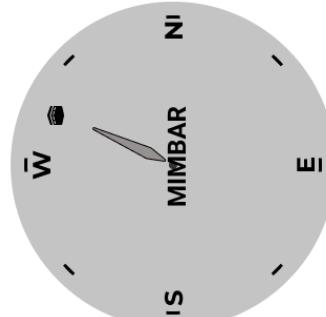
## Acceptance Criteria



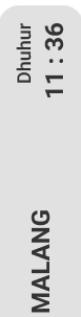
45 Menit

Positive Case		
Given	When	Then
User is at on page	When choosing a sura want to read	Terkadang sistem eror saat mulai diklik surah yang mana kaligrafinya tidak muncul hanya disebagian ayat saja

## Acceptance Criteria

Negative Case		
Given	When	Then
User is at on page	On click on qibla feature on the compass	There is still something lacking because it is lacking compass image
L 45 Menit		

## Acceptance Criteria

Negative Case			
Given	When	Then	User Interface
User is at on page	When clicking in the settings feature	Sistem masih stuck pada halaman jika menekan menu setting	 <ul style="list-style-type: none"><li>● ARAH KIBLAT</li><li>■ WAKTU SOLAT</li><li>❖ SETELAN</li></ul>





10 Menit

# Follow up..

DATE 28 MEI 2023

The application system that we have developed is in accordance with what is needed by

users seem to have a prayer schedule feature, a surah Al-Quran feature, an accurate Qibla direction feature, as well

Asmaul Husna features in the application. With all these features, it is expected that users can take advantage of it

application and can attract some new users to use this application. After making observations

and further analysis with users also still requires a system that can display

short daily prayers. Where with the new additional features, users are also expected

can read and practice prayer in daily life.



The process to optimize your resource for the quality User Requirement



FROM DEVELOPER TO  
DEVELOPER