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NIM : 202010370311339

CLASS : RI D

Theme:

MIMBAR

Discover

At this stage, interviews were conducted with prospective users with the topic raised, namely the MIMBAR application for Muslim worship applications

Keywords

|  |  |
| --- | --- |
| • | Schedule Prayer |
| • | Necessity |
| • | Qibla Direction |
| • | Alquran |
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# Transkrip Wawancara

# Responden #1

**Participant Information:**

Spot name: Della

Age: 25 years old

Occupation: Student

**Main Questions:**

1. Hello, introduce me Fadillah. I really appreciate your time to share your experiences and views as a user who needs an application about performing Muslim worship. My goal is to better understand the needs and problems you face, and how this MIMBAR application can later help you in meeting your needs such as helping to facilitate worship reminders and determine the direction of Qibla available. I would like to ask you about some of your bio information. Please provide information about your name, age, gender, work background, and hobbies?

Answer: Well, my name is Della and I am currently 25 years old, I am a female and currently studying semester 7 at UMM. My current hobby is reading books

1. Have you ever used a Muslim worship application before?

Answer: ever

1. Have you often forgotten / missed prayer time before?

Answer: Once, it was difficult if there was no cellphone alarm

1. Have you ever read the Quran in an app before?

Answer: Once, often feel that it does not match the Qur'an features in the application because the interface is confusing

1. Is there a need for an application in which there is a prayer time reminder feature, Qibla direction and read the Quran specifically using one application on the cellphone?

Answer: Need, I do need the application

6. Is the application display design that is easy to understand needed by users later? Answer: needed

**Wrap-up:**

We greatly appreciate your valuable time and contribution during this interview. The information you have shared will be very useful in the development of the user interface and user experience of our MIMBAR application. If you have additional information or further questions from you, please let us know. If you have nothing else to say, we would like to thank you again for your valuable participation in this research.

# Responden #2

**Participant Information:**

Nama: Gilang

Age: 24 Years Old

Occupation: Student

**Main Questions:**

1. Halo, introduce me Fadillah. I really appreciate your time to share your experiences and views as a user who needs an application about performing Muslim worship. My goal is to better understand the needs and problems you face, and how this MIMBAR application can later help you in meeting your needs such as helping to facilitate worship reminders and determine the direction of Qibla available. I would like to ask you about some of your bio information. Please provide information about your name, age, gender, work background, and hobbies?

Answer: Well, my name is Gilang and I am currently 24 years old, I am male and currently studying semester 7 at UMM. My current hobby is playing social media

1. Have you ever used a Muslim worship application before?

Answer: Never once

1. Have you often forgotten / missed prayer time before?

Answer: Ever, because you often oversleep

4. Have you ever read the Quran in the app before?

Answer: Never

5. Is there a need for an application in which there is a prayer time reminder feature, Qibla direction and read the Quran specifically using one application on the cellphone?

Answer: Need, I do need the application

1. Is the application display design that is easy to understand needed by users later?

Answer: Yes

**Wrap-up:**

We greatly appreciate your valuable time and contribution during this interview. The information you have shared will be very useful in the development of the user interface and user experience of our MIMBAR application. If you have additional information or further questions from you, please let us know. If you have nothing else to say, we would like to thank you again for your valuable participation in this research.

# Responden #3

**Participant Information:**

Name: Haikal

Age: 27 Years Old

Occupation: School TU Worker

**Main Questions:**

1. Hello, introduce me Fadillah. I really appreciate your time to share your experiences and views as a user who needs an application about performing Muslim worship. My goal is to better understand the needs and problems you face, and how this MIMBAR application can later help you in meeting your needs such as helping to facilitate worship reminders and determine the direction of Qibla available. I would like to ask you about some of your bio information. Please provide information about your name, age, gender, work background, and hobbies?

Answer: Well, my name is Haikal and I am currently 27 years old, I am male and currently working at TU SMA Negeri school in Balikpapan. My current hobby is playing mobile games

1. Have you ever used a Muslim worship application before?

Answer: ever

1. Have you often forgotten / missed prayer time before?

Answer: ever, because of forgetfulness due to work focus

1. Have you ever read the Quran in an app before?

Answer: Ever, but difficult because of its confusing features

1. Is there a need for an application in which there is a prayer time reminder feature, Qibla direction and read the Quran specifically using one application on the cellphone?

Answer: Need, I do need the application

1. Is the application display design that is easy to understand needed by users later?

Answer: important, because impromptu needs must be easy to understand

**Wrap-up:**

We greatly appreciate your valuable time and contribution during this interview. The information you have shared will be very useful in the development of the user interface and user experience of our MIMBAR application. If you have additional information or further questions from you, please let us know. If you have nothing else to say, we would like to thank you again for your valuable participation in this research.

# Responden #4

**Participant Information:**

Nama: Gani

Age: 19 Years Old

Occupation: Coal Mine Worker

**Main Questions:**

1. Hello, introduce me Fadillah. I really appreciate your time to share your experiences and views as a user who needs an application about performing Muslim worship. My goal is to better understand the needs and problems you face, and how this MIMBAR application can later help you in meeting your needs such as helping to facilitate worship reminders and determine the direction of Qibla available. I would like to ask you about some of your bio information. Please provide information about your name, age, gender, work background, and hobbies?

Answer: Well, my name is Gani and I am currently 19 years old, I am male and currently working in a Haliburton company diberau. My current hobby is reading comics

1. Have you ever used a Muslim worship application before?

Answer: ever

1. Have you often forgotten / missed prayer time before?

Answer: Once, because in my area there is no mosque so gatau if it is azan

1. Have you ever read the Quran in an app before?

Answer: Ever, but paid

1. Is there a need for an application in which there is a prayer time reminder feature, Qibla direction and read the Quran specifically using one application on the cellphone?

Answer: Need, I do need the application

1. Is the application display design that is easy to understand needed by users later?

Answer: Yes

**Wrap-up:**

We greatly appreciate your valuable time and contribution during this interview. The information you have shared will be very useful in the development of the user interface and user experience of our MIMBAR application. If you have additional information or further questions from you, please let us know. If you have nothing else to say, we would like to thank you again for your valuable participation in this research.

# Responden #5

**Participant Information:**

Nama: Zaky Fatah

Age: 22 Years Old

Occupation: Student

**Main Questions:**

1. Hello, introduce me Fadillah. I really appreciate your time to share your experiences and views as a user who needs an application about performing Muslim worship. My goal is to better understand the needs and problems you face, and how this MIMBAR application can later help you in meeting your needs such as helping to facilitate worship reminders and determine the direction of Qibla available. I would like to ask you about some of your bio information. Please provide information about your name, age, gender, work background, and hobbies?

Answer: Well, my name is Zaky Fatah and I am currently 22 years old, I am male and currently studying semester 7 at UMM. My current hobby is playing HP games

1. Have you ever used a Muslim worship application before?

Answer: Never

1. Have you often forgotten / missed prayer time before?

Answer: Never

1. Have you ever read the Quran in an app before?

Answer: Once, it was difficult to use it

1. Is there a need for an application in which there is a prayer time reminder feature, Qibla direction and read the Quran specifically using one application on the cellphone?

Answer: Need, I do need the application

1. Is the application display design that is easy to understand needed by users later?

Answer: Yes

**Wrap-up:**

We greatly appreciate your valuable time and contribution during this interview. The information you have shared will be very useful in the development of the user interface and user experience of our MIMBAR application. If you have additional information or further questions from you, please let us know. If you have nothing else to say, we would like to thank you again for your valuable participation in this research.

## Problem Definition

In this step, we will combine all the information we have collected before. The data covers users' needs and preferences, and will be the basis for designing solutions that can help them adopt a healthy lifestyle. The main focus here is to ensure that the solutions we create are not only effective in meeting user needs, but also in accordance with pre-set goals.

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## Brainstorming – HMW

Transkrip Problem Definition HMW

This stage is all the beginning in designing a solution to overcome the problems identified in the previous step. At this stage, various activities are carried out, including developing solution ideas, grouping these ideas, and prioritizing the ideas that have been created.

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|  |  |  |
| --- | --- | --- |
| HWM | Competitor | Proposed Idea |
| How to overcome frequent forgetfulness of prayer time? | Design reference of the application  PocketMuslim | * Features of Prayer Times and their reminders |
|  |  |  |
| How to solve the lack of information on prayer schedules? | Design reference of the application  PocketMuslim | * Features of prayer time schedule information |
|  |  |  |
| How to overcome the wrong direction of Qibla in prayer? | Design reference of the application  PocketMuslim | * Qibla direction feature like compass |
|  |  |  |
| How to overcome the difficulty of reading the Quran without having to carry the Holy Quran and easy to use? | Design reference of the application  PocketMuslim | 1. Features of Quran Reading  * Juz and Verse Information |

## Solution Idea

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## SITEMAP

A diagram of a religious structure

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## DESIGN

|  |  |  |
| --- | --- | --- |
| FITUR | | SOLUSI DESAIN |
| * Main Menu Features * Prayer Time Menu Feature * Qibla Direction Menu Feature * Features of Quran Read Menu * Setting Features * Exit Feature | |  |
| * Features of Prayer Times and Prayer Schedules * Displays the next prayer time in the countdown * Display prayer time information * Can change location | |  |
|  | * Fitur Cek Arah kiblat pengguna |  |
|  | * Terdapat informasi derajat arah kiblat |  |
|  |  |  |
| -  -  - | Features of reading the Quran  Displaying Juz and Verse Information  Can select juz and verse |  |
| -  -  -  - | Menu Settings Feature  Display Place information  Displaying Time  Can change places |  |

**Prototype**

A screenshot of a mobile phone

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**Link Prototype Figma:**

<https://www.figma.com/proto/4apaRlofahetVu9Nto6meF/Project-4?page-id=0%3A1&type=design&node-id=405-876&viewport=649%2C435%2C0.22&t=A1bAdZTQJ9OitU7d-1&scaling=scale-down&mode=design>

**Human Centered Desain Method**

### Testing

As a final stage, I use Maze.co website to test how users interact with the service application. The purpose of this step is to assist the design team in evaluating the level of ease of use of the service.

**Link Maze**

[https://t.maze.co/206761533](%20%20https:/t.maze.co/206761533)

**Task 1 – Go to menu**

|  |  |  |  |
| --- | --- | --- | --- |
| **Responden** | **Completion** | **Duration** | **Misclick** |
| 1 | Direct | 1.84s | 0 |
| 2 | Direct | 2.07s | 0 |
| 3 | Direct | 0.91s | 0 |
| 4 | Direct | 1.04s | 0 |
| 5 | Direct | 1.04s | 0 |
| **Average** | 100% | 1.4s | 0.0% |

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**Task 2 – Prayer Time Features**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Responden** | **Completion** | **Duration** | **Misclick** | **Responden** |
| 1 | Direct | 4.52s | 0 | 1 |
| 2 | Direct | 2.92s | 1 | 2 |
| 3 | Direct | 3.82s | 3 | 3 |
| 4 | Direct | 1.72s | 0 | 4 |
| 5 | Direct | 3.35s | 0 | 5 |
| **Average** | 100% | 3.3s | 30.8% | |

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**A screenshot of a cell phone

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**Task 3 – Qibla Direction Menu Feature**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Responden** | **Completion** | **Duration** | **Misclick** | **Responden** |
| 1 | Direct | 1.48s | 0 | 1 |
| 2 | Direct | 0.98s | 0 | 2 |
| 3 | Direct | 1.47s | 0 | 3 |
| 4 | Direct | 1.32s | 0 | 4 |
| 5 | Direct | 1.23s | 0 | 5 |
| **Average** | 100% | 1.3s | 0.0% | |

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**Task 4 – Features of Quran Reading Menu**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Responden** | **Completion** | **Duration** | **Misclick** | **Responden** |
| 1 | Direct | 1.57s | 0 | 1 |
| 2 | Direct | 1.00s | 0 | 2 |
| 3 | Direct | 1.05s | 0 | 3 |
| 4 | Direct | 1.92s | 0 | 4 |
| 5 | Direct | 1.28s | 0 | 5 |
| **Average** | 100% | 1.4s | 0.0% | |

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**Task 5 – Change Location and Settings Features**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Responden** | **Completion** | **Duration** | **Misclick** | **Responden** |
| 1 | Direct | 3.93s | 0 | 1 |
| 2 | Direct | 2.83s | 0 | 2 |
| 3 | Direct | 11.06s | 1 | 3 |
| 4 | Direct | 3.93s | 1 | 4 |
| 5 | Direct | 4.20s | 0 | 5 |
| **Average** | 100% | 5.2s | 14.3% | |

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**A screenshot of a cell phone

Description automatically generated**

**Task 6 – Exit Feature**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Responden** | **Completion** | **Duration** | **Misclick** | **Responden** |
| 1 | Direct | 0.83s | 0 | 1 |
| 2 | Direct | 0.88s | 0 | 2 |
| 3 | Direct | 1.07s | 0 | 3 |
| 4 | Direct | 0.64s | 0 | 4 |
| 5 | Direct | 1.36s | 0 | 5 |
| **Average** | 100% | 1s | 0.0% | |

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**User Satisfaction**

From the tasks that have been done, the average respondent feels very easy in their experience when with existing features

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**A white background with text

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