



# **Healing Project**

## **let us go healing!**

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## **ABOUT US**

Member  
introduction, special  
thanks session



# 01 INTRO


A brief of background problems, solution approach, and demo app

# PROBLEM STATEMENT

According to research of *The Least and Most Stressful Cities Index 2021* released last year, **Jakarta, Indonesia**, earned the top spot as the most stressful city around the world.

Source: [The Most Stressful Cities Index 2021 - VAA](#)





“Duh, gue stres banget  
tiap hari deadline, mana  
bos juga killer lagi. Gue  
butuh banget healing”

— **OVERHEARD JAKARTA**

# HEALING AS SOLUTION

'Healing' is referred to such activities for treating sadness, overflowing all emotions, or releasing all the burdens that have accumulated in the heart.



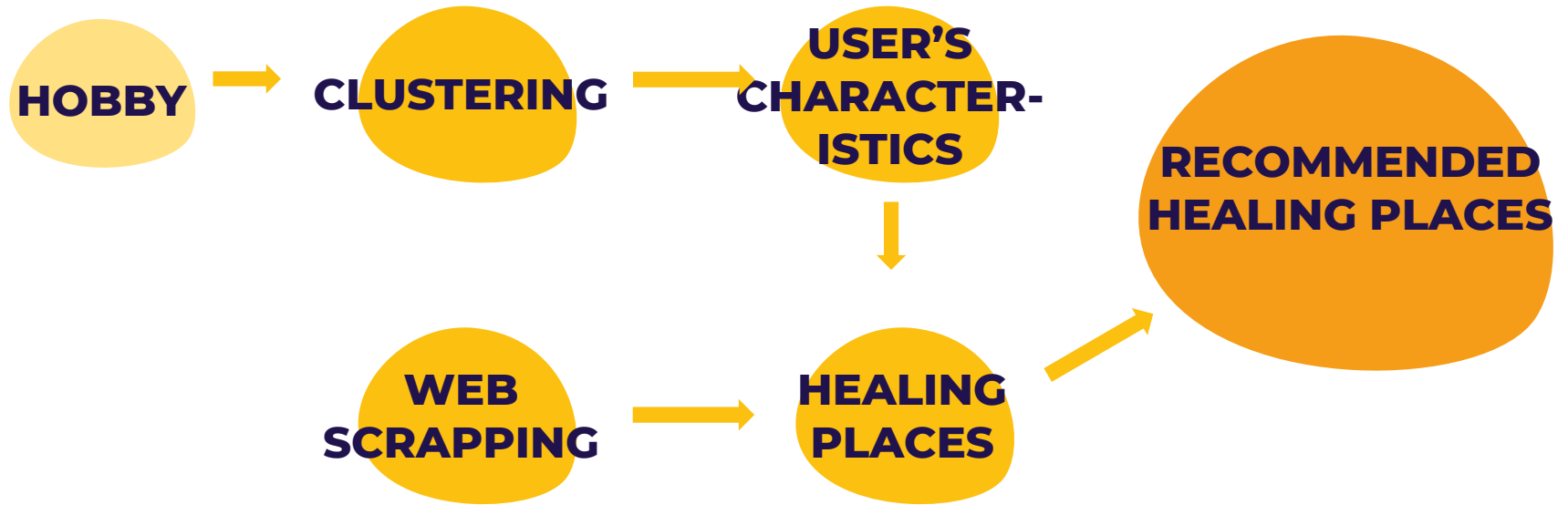
# HEALING RECOMMENDER

In order to reduce the level of stress of workers in Jakarta, this project we built a recommender system of designated places for 'healing' based on their hobbies and popularity preferences.





# WORKFLOW OF PROJECT







# Healing

# HEALING PROJECT OVERVIEW

## PERSONALISED

Recommend you a place based on your personal information & hobbies

1

## EASY TO USE

As simple as you fill questionnaire, then healing places is recommended

2

## REDUCING STRESS

A perfect match of recommendation will be reducing your stress and returning your mood again

3



# COMPETITIVE ADVANTAGE

A circular image showing a woman with dark hair, wearing a light-colored shirt, sitting at a desk and smiling while looking at a laptop. The background is slightly blurred, suggesting an office or workspace.

## USER

Users will get most suitable recommendation places for healing and reducing stress level

A circular image showing a large, ornate building with a red roof and a clock tower. The building has multiple windows and a classical architectural style. The sky is visible in the background, showing some clouds.

## PARTNER


Partner will gain more exposures and profits from visitation and get more positive feedbacks in ratings.

# PRODUCT DEMO

Healing - Go Heal Your Day x +

localhost:8501

Paused



# Healing

Lets go Healing!

## Healing Person's Information

Fill your Name

Select your marital status 

Divorcee

Select your age range 

15-25

Select your profession 

Management

Select your gender

☒ Female

☐ Male

### Select your hobbies (You can select more than one)

<input type="checkbox"/> Reading	<input type="checkbox"/> Exhibition	<input type="checkbox"/> Walking	<input type="checkbox"/> Cooking
<input type="checkbox"/> Music	<input type="checkbox"/> Computer	<input type="checkbox"/> Travelling	<input type="checkbox"/> Fishing
<input type="checkbox"/> Cinema	<input type="checkbox"/> Sport	<input type="checkbox"/> Gardening	

# TIMELINE OF PROJECT

	27 Jul	28 Jul	29 Jul	30 Jul	31 Jul	1 Aug	2 Aug	3 Aug
Topic Brainstorming	○	○						
Dataset Selection		○	○					
Web Scrapping			○	○	○			
Model Development				○	○	○		
Model Finalization							○	
Mapping Cluster & Category							○	
Backend & Frontend								○

# LIBRARIES & TOOLS

## LIBRARIES

Pandas, numpy,  
matplotlib, seaborn,  
pydeck, PIL, requests,  
JSON, streamlit, flask,  
pickle, kmodes.

## TOOLS

Ms. Office, Zoom, Google  
Meet, Instant Data  
Scraper, google docs,  
google slide, google  
spreadsheet, discord,  
Kaggle, Heroku.



# **02** **STORIES**

challenges during project, and success story



# CHALLENGES



## FINDING DATASET

Finding suitable dataset which contains hobbies informations



## WEB SCRAPING

There are different format and incomplete data in web scraping dataset



## MAPPING CLUSTER

Creating and mapping cluster results to place's categories



## FRONTEND & BACKEND

Developing more complex interactivity frontend and backend



# SUCCESS STORY

## Hobbies Clustering

Found out suitable dataset and created clustering model with Kmodes

## Web Scrapping

Scrapped 300+ places with different categories from google map

## Interactive Frontend

Created interactivity with map included for first time





# 03

## CONCLUSION

Conclusion and future improvement

# CONCLUSION

- A recommendation system of healing places shall able to help in reducing stress level of workers in Jakarta
- Hobbies dataset are divided into 4 clusters.
- Each cluster has different place categories combination that chosen based on hobbies in that cluster.
- Places are filtered based on popularity and stress level

# FUTURE IMPROVEMENT

- Adding more specific hobbies, place categories
- Adding price filter and multi layers categories to be displayed on the map
- Expanding area services and partners
- Releasing android version



# 04

## ABOUT US

Member introduction and special thanks session

# OUR TEAM



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PUSPA**



**MALVIN  
SUBAHRI**



**IRHAM  
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# SCAN US



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# **SPECIAL THANKS TO**



**TO:  
MAS DANU PURNOMO**



**TO:  
SEPERJUANGAN  
BATCH-012**



**TO:  
ALL INSTRUCTORS &  
CARE GROUP ASSISTANT**

The background is a vibrant yellow with large, flowing organic shapes in a lighter shade of yellow. In the top right corner, there are two overlapping circular areas with a dark blue polka-dot pattern. In the bottom right corner, there are several parallel white diagonal lines.

# ALSO THANKS!

CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon**, and infographics & images by **Freepik**.

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