

Wanderlust

A Personalized Travel Planning And Tracking App

1. INTRODUCTION

1.1. Overview:

A project built using the Android Compose UI toolkit. It demonstrate how to create a simple travel app using the Compose libraries. It also features a personalized feed of recommended accomodations based on the locations.

A travel app Android Compose project is an application that helps users to plan and organize their travel itineraries. The project can include several features such as booking flights, reserving hotels, and finding local attractions and events.

The project can be implemented using the Android Jetpack Compose framework, which provides a modern and efficient way to build user interfaces. It can use various libraries and APIs, such as Google Maps API for maps and location data, and a third-party API for flight and hotel booking. The app can also integrate payment systems to enable secure transactions.

1.2. Purpose:

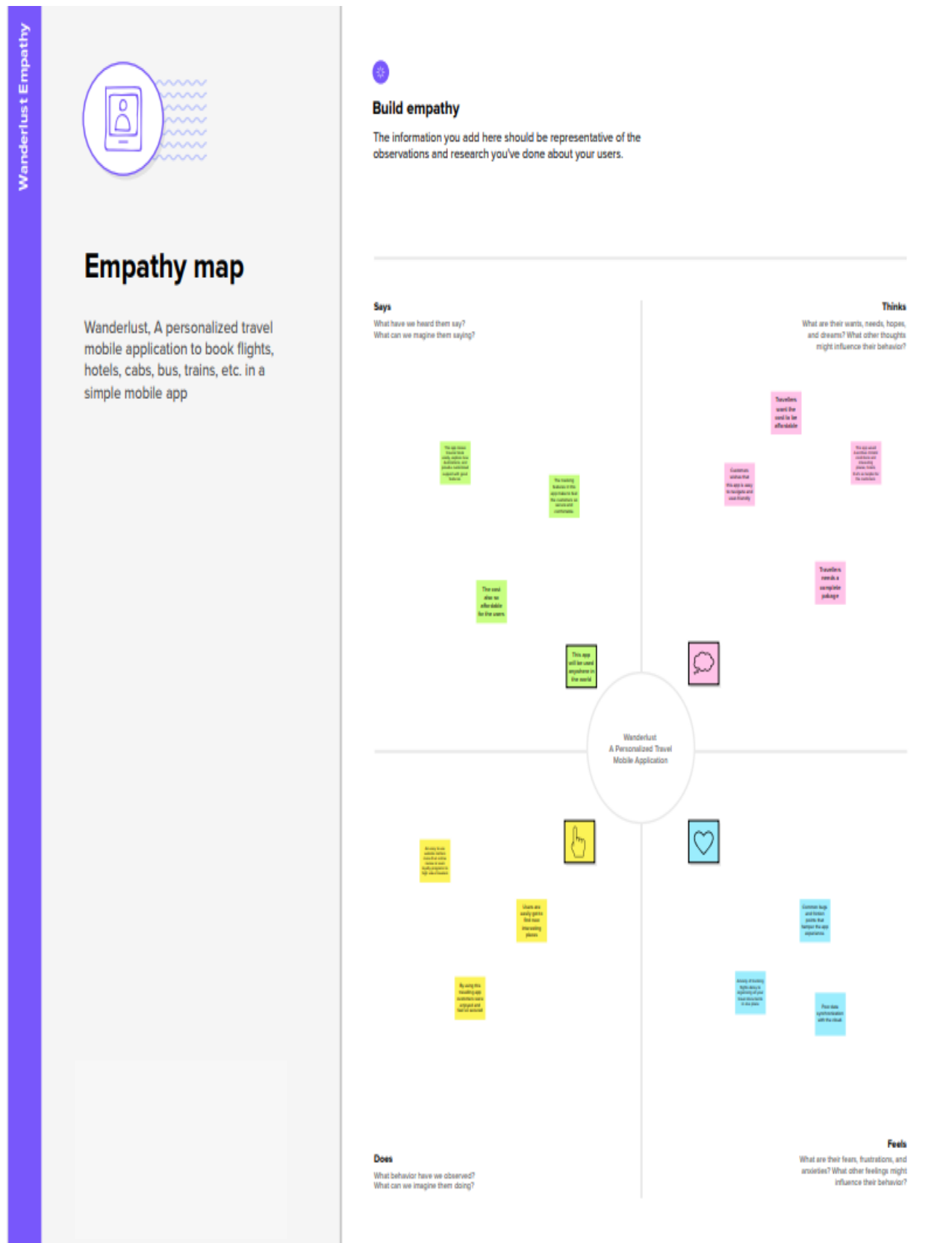
The purpose of the travel app Android Compose project is to provide users with a convenient and comprehensive tool to plan and organize their travel itineraries. The app can help users find and book flights, hotels, and activities, as well as discover popular destinations and local attractions.

The app can also offer personalized recommendations based on the user's travel history and preferences, making it easier for users to plan their trips. The map feature can help users navigate unfamiliar places and find nearby points of interest, while the itinerary feature can help users keep track of their bookings and planned activities.

Overall, the purpose of the travel app Android Compose project is to enhance the user's travel experience by providing a user-friendly and efficient platform for planning and organizing their trips.

2. PROBLEM DEFINITION & DESIGN THINKING

2.1. Empathy Map:



2.2. Ideation & Brainstorming Map:

Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

- 15 minutes to prepare
- 1 hour to collaborate
- 2-3 people recommended

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Before you collaborate

A list of all preparation items is being sent with this version. Please check you need to do to get going.

10 minutes

- Team gathering: Gather who should participate in the session and send an invite. Share relevant information or pre-work ahead.
- Write the goal: Focus on the problem you're focusing on solving in the brainstorming session.
- Learn how to use the facilitation tools: Give the Facilitator responsibilities to run a happy and productive session.

[Open article](#)

Define your problem statement

What problem are you trying to solve? Phrase your problem as a How Might Be statement. This will be the focus of your brainstorm.

5 minutes

Problem

How might we [your problem statement]?

Easy rules of brain storming

To run an unscripted and productive session:

- Stay in scope
- Encourage wild ideas
- Defer judgement
- Build on others
- One idea at a time
- Keep it visible
- Remember, less is more

Brainstorm

Write down any ideas that come to mind that address your problem statement.

15 minutes

Brainstorm Number

Assign

Brainstorm

Brainstorm

Brainstorm

Brainstorm

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Need some inspiration?

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Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

10 minutes

Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

10 minutes

Importance

Feasibility

High-impact, high-potential

Easy to use for user

Customer Database

Personalized recommendations are in great format

New interesting platform

Provable statements

Affordable price

Attractive advertisement

Building real world

After you collaborate

You can export the board as an image or pdf to share with members of your company who might find it helpful.

Quick add-ons

- Share the board: Share a link to the board with stakeholders to keep them in the loop about the outcomes of the session.
- Export the board: Export a copy of the board as a PDF or PNG to use in reports, articles, slides, or social in your time.








Keep moving forward


- Storyboard**: Define the sequence of a new idea or strategy.
- Customer experience journey map**: Understand customer needs, emotions, and attitudes for an experience.
- Strengths, weaknesses, opportunities & threats**: Identify strengths, weaknesses, opportunities and threats (SWOT) to become a plan.

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3. RESULT

10:24





Login

Username

Password

Login

10:24



Register

Username

Email

Password

Register

10:24



Wanderlust Travel



Bali

Super saver pack with less than \$10000
7days/2persons



Paris

Super saver pack with less than \$10000
7days/2persons

Bali



Day 1: Arrival and Relaxation

Arrive in Bali and check into your hotel or accommodation.

Spend the day relaxing and getting acclimated to the island.

If you have time, explore the nearby area or head to the beach.

Day 2: Ubud Tour

Start your day early and head to Ubud, a cultural and artistic hub in Bali.

Visit the Monkey Forest and the Ubud Palace.

Take a tour of the Tegalalang Rice Terrace, a beautiful UNESCO World Heritage Site.

4. ADVANTAGES & DISADVANTAGES

ADVANTAGES

- **Convenient and efficient:** The travel app Android Compose project provides users with a convenient and efficient way to plan and organize their travel itineraries, enabling them to easily find and book flights, hotels, and activities, as well as keep track of their bookings and planned activities in one place.
- **Personalized recommendations:** The app can offer personalized recommendations based on the user's travel history and preferences, making it easier for users to plan their trips.
- **Map feature:** The map feature can help users navigate unfamiliar places and find nearby points of interest, enhancing their overall travel experience.
- **Secure transactions:** The app can integrate payment systems to enable secure transactions, ensuring that users' personal and financial information is protected.

DISADVANTAGES

- **Reliance on third-party APIs:** The app may rely on third-party APIs for flight and hotel booking, which can sometimes result in errors or technical issues that are beyond the control of the app developer.
- **Connectivity issues:** The app may require a stable internet connection to function properly, which can be a disadvantage in areas with limited connectivity.
- **Limited personal touch:** While the app can offer personalized recommendations, it may lack the personal touch and customized service that a travel agent or concierge can provide.
- **Potential for information overload:** The app can provide users with a lot of information about destinations, activities, and accommodations, which can be overwhelming and lead to decision fatigue.

5. APPLICATIONS

- **Personal travel planning:** The app can be used by individuals to plan and organize their personal travel itineraries, enabling them to find and book flights, hotels, and activities, as well as keep track of their bookings and planned activities in one place.
- **Business travel planning:** The app can be used by businesses to plan and organize their employees' travel itineraries, enabling them to manage bookings, expenses, and itineraries more efficiently.
- **Tourism and hospitality:** The app can be used by tourism and hospitality companies to promote their destinations, accommodations, and activities, as well as provide personalized recommendations to potential customers.

- Travel agencies: The app can be used by travel agencies to provide their customers with a user-friendly and efficient platform for planning and organizing their trips, enhancing their overall travel experience and increasing customer satisfaction.
- Transportation companies: The app can be used by transportation companies, such as airlines and rental car agencies, to manage bookings, check-ins, and itineraries more efficiently, as well as provide personalized recommendations to customers.

6. CONCLUSION

The above project has been made considering topics taught in the boot camp and other previous experiences. This visualization is user friendly and can be understood by anyone without previous tableau knowledge and can be implemented in an effective way.

7. FUTURE SCOPE

Prediction of future growth rates can be made using few algorithms in tableau. Accordingly many decisions can be made. Since there was a 5 day boot camp related to the challenge, I have restricted my project only to visualization considering the topics that have been taught.