

FemmeTrip



A mobile application to support female travellers in finding trusted travel partners as well as travel destinations.

Course	CSIS 3375 - UX Design in Web and Mobile App
Section	001
Team Members	
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Purpose for Requirements Gathering User Study

- Identify the particular age group of users who love travelling most.
- Identify travel frequencies
- Identify the preferred style to travel (Individual, In Groups)
- Identify reasons most females like to travel (relaxation, exploration, adventure)
- Identify preferred travel destination types (Hiking sites, Religious Places, Natural Resources)
- Identify safety concerns of females when travelling with unknown people
- Identify communication preferences (Messaging, Voice Calls, Video Calls)
- Determine current methods females plan trips
- Health Issues

Choice of User Study and User Sample

A survey for females who enjoy travelling.

User Study Survey

1. What is your age group? *

- Under 18
- 18–30
- 30-50
- 50-60
- Above 60

2. What is your occupation status? *

- Student
- Employed full-time
- Employed part-time
- Retired
- Self-employed
- Other:

3. How often do you travel?*

- Several times a month
- Once a month
- A few times a year
- Once a year
- Very rarely

4. With whom do you prefer most to travel? *

- Alone
- With family
- With friends of the same age group
- With friends in any age
- With organized travel groups

5. What type of travel experience do you prefer most? *

- Relaxation
- Exploration
- Adventure
- Pilgrims
- Nature-focused travel

6. Which type of destinations do you most enjoy visiting? *

- Mountains
- Beaches

- Religious Sites
 - Historical Landmarks
 - Natural Resources
 - Other:
7. When travelling with new or unknown people, how concerned are you about your personal safety? *
- Not concerned at all
 - Slightly concerned
 - Moderately concerned
 - Very concerned
 - Extremely concerned
8. What are your main safety concerns when travelling with strangers? *
- Privacy of personal information leakage
 - Risk of harassment
 - Theft or loss of belongings
 - Health or medical emergencies
 - Other:
9. Which communication method do you prefer when interacting with travel partners? *
- Text messaging
 - Voice calls
 - Video calls
 - In-person meetups before the trip
 - Other:
10. What type of travel information do you find most helpful when planning a trip? *
- Photos of destinations
 - Reviews and ratings
 - Travel Guides
 - Cost estimates
 - Health/safety information
 - Accessibility information (for elderly or disabled travellers)
 - Other:
11. Do you have any health conditions or mobility issues that affect your travel plans? *
12. What challenges do you face when travelling or finding travel partners? *

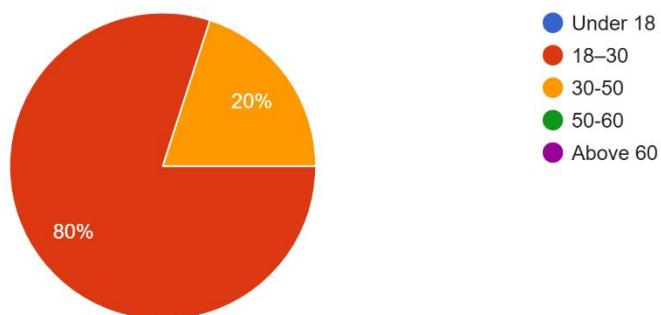
Data Visualization and Analysis

The survey was conducted among 10 females mainly to understand their travel preferences and safety concerns when travelling with travel partners.

Age Group of Respondents

What is your age group?

10 responses

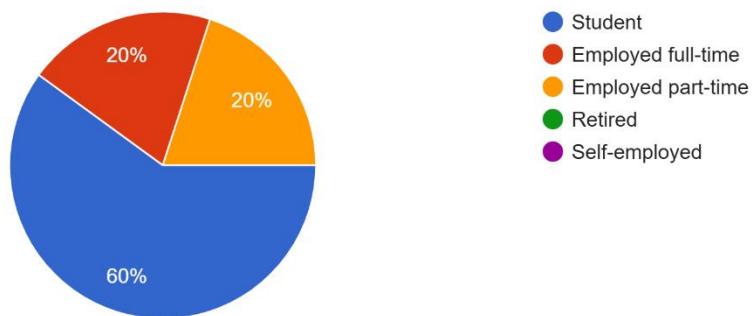


Most of the participants (80%) were within the age group of 18 to 30 years, suggesting that young women are the ones who are most active in travelling and potential users of Femmetrip.

Occupation Status

What is your occupation status?

10 responses

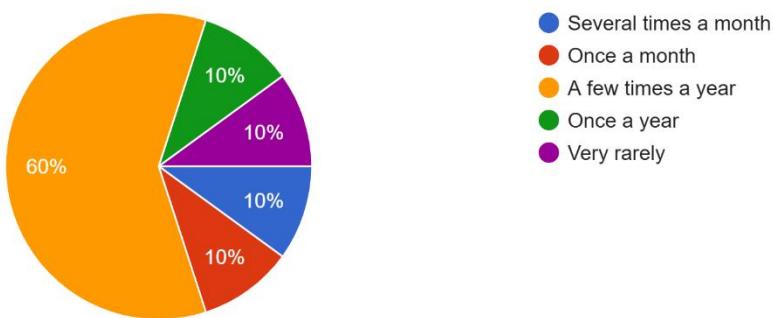


The highest percentage of the survey participants were students which is 60% while 40% of the participants were either part time or full time employed. This depicts that future Femmetrip users might be having a busy life, and we need to cater the features of the app to support trip planning even within busy schedules.

Travel Frequency

How often do you travel ?

10 responses

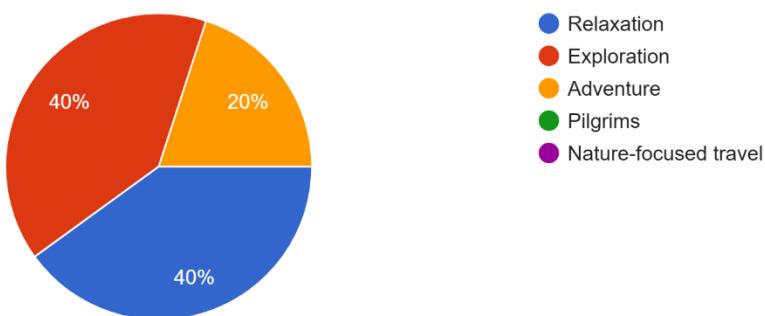


Many females seem to be travelling not much often. Hence, it's really essential to make the travel experience meaningful so that it becomes a lifetime memory for them.

Preferred travel experience

What type of travel experience do you prefer most?

10 responses

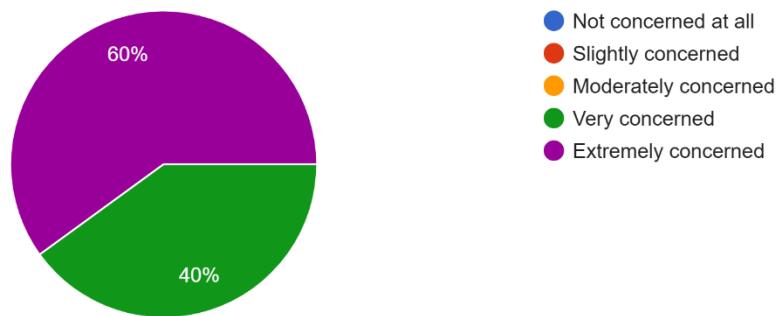


Many seems to be travelling for relaxation and explore places which shows that the app should encourage such places in a high capacity.

Safety Concerns

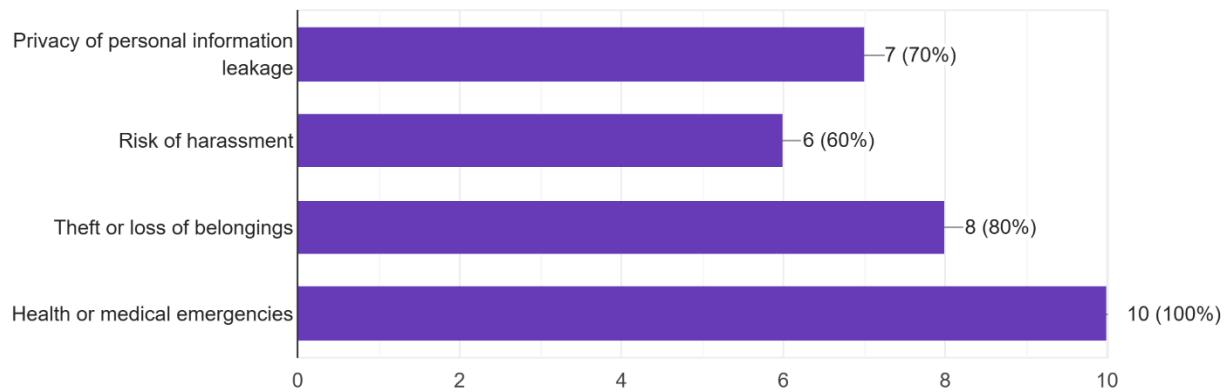
When travelling with new or unknown people, how concerned are you about your personal safety?

10 responses



What are your main safety concerns when travelling with strangers?

10 responses

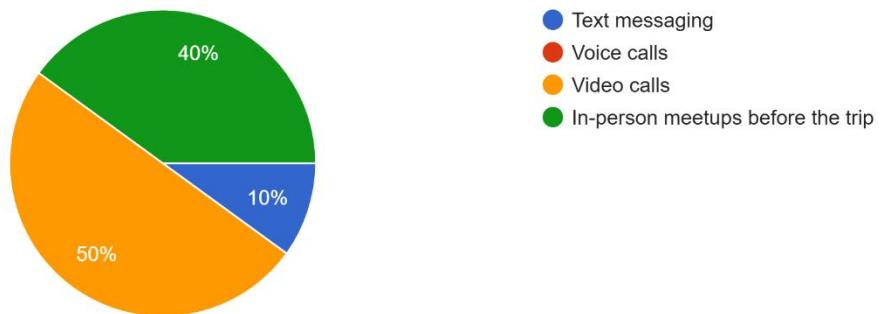


Almost all the users are very concerned about safety when travelling with strangers. Therefore, the app should enable features to guarantee safety of participants.

Preferred mode of communication

Which communication method do you prefer when interacting with travel partners?

10 responses



Many potential FemmeTrip users seem to be comfortable mostly communicating with travel partners via video calls which shows that having the feature to have video calls will make the users feel the app more convenient.

Insights from the Result

- There are two main age groups of travellers: **18–30** and **30–50**.
- In terms of occupation, most users identified as **students**, with a noticeable portion working **full-time**.
- Users generally travel **a few times a year**, though some travel **once a year**.
- The majority prefer to **travel with family**, while a smaller group prefers **friends of the same age**.
- Most travellers choose to travel for **exploration**, while others travel for **relaxation**.
- **Beaches** are the most popular destinations among travellers.
- Many travellers are **very or extremely concerned** about **personal safety** and **visiting unknown places**.
- The main concerns when travelling alone include **theft or loss of belongings** and **health or medical emergencies**.
- To build **trust before a trip**, most travellers prefer to **meet in person**.
- When planning trips, travellers look for **destination photos**, **travel guides**, and **cost estimates**.
- The most common challenges faced by travellers include **different budgets**, **schedule conflicts**, and **meeting strangers during trips**.

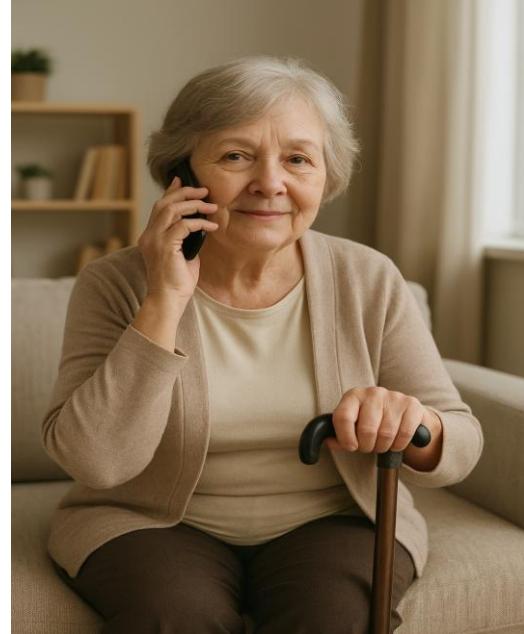
Requirements Generation

Persona 1

Cathy

- 65
- Need walking support
- Limited experience with smartphones and apps
- Loves visiting religious places

1. She has developed an interest in visiting religious places as she is staying alone at home after her retirement.
2. She likes to find travel companions who can accompany her and help her as she is having difficulties in walking.
3. She is confident in using voice calls rather than messaging or having video calls as she is not much familiar with using smart phones.
4. She is very concerned about her safety when travelling with unknown people. She doubts whether sharing her personal information is a risk.
5. When planning trips, she relies on recommendations and photos from others.



Persona 2

Andrea

- 25 years old
- Travels very often
- Hiker

- Andrea is an energetic young traveller whose hobby is hiking
- She goes on hikes very often and loves to make new friends.
- Interested in travelling in groups of same age group who are adventurous and fun, as she loves having fun on her way.
- She likes exploring nature mostly mountainous places.
- As she is having a very busy lifestyle, she finds messaging more convenient than having calls to communicate.
- Prefer getting ideas on the places before visiting via photos. Therefore, she likes features like photo sharing



Persona 3: Mona

- 33 years old
- Ambitious, thoughtful, and independent woman
- Recently lost her job and sees travel as a way to refresh her mind and rebuild confidence
- Enjoys solo trips where she can slow down, reflect, and connect with locals
- Prefers cultural and scenic destinations — places with history, art, and local experiences
- Often feels lonely traveling alone and wishes she had someone with similar interests to share moments with
- Struggles to find trustworthy companions who value meaningful experiences over partying
- Values emotional connection and shared curiosity when choosing a travel partner
- Looks for companions who are reliable, kind, and respectful of personal space
- Cares a lot about safety and wants reassurance before meeting anyone new
- Enjoys well-planned itineraries but is open to spontaneous adventures
- Uses social media and travel forums to read stories from other solo women travelers
- Believes that finding the right travel companion could make her trips more enjoyable and less isolating

Persona 4: Kenzie

- 20 years old
- Free-spirited, energetic, and outgoing traveler
- Loves exploring popular cities, local cafés, and nightlife scenes
- Enjoys solo travel but sometimes wishes for company to share fun, spontaneous adventures
- Prefers companions who are flexible, social, and open to trying new things
- Often organizes group trips but finds it hard to coordinate with friends due to different schedules
- Dreams of finding like-minded female travelers to explore new places together
- Likes making quick connections — she's friendly and talkative, easily bonds with people
- Prioritizes trust, vibe, and shared interests over age or background
- Enjoys using chat and video calls to connect before deciding to travel with someone
- Has been scammed once while booking stays, so now seeks platforms that ensure verified and safe profiles
- Sees FemmeTrip as a fun way to find safe, genuine travel matches for short or long trips
- Loves documenting trips and might use FemmeTrip connections to build her travel influencer journey
- Feels empowered when meeting other women who travel fearlessly

Requirements Generation based on persona analysis- Requirements/Feature according to user needs

1. Login & Registration: Users can securely register and log in to the app.
2. 2FA: for user's security
3. Profile Setup: Users can create profiles manually or via voice assistance.
4. Safety Verification: Users upload a face photo to verify gender and get a safety badge.
5. Travel Personality Quiz: Collects user travel preferences and interests.
6. Voice Assistance: Guides users through navigation and actions using voice commands.
7. Matching Algorithm: Matches users with like-minded women travellers.
8. Trip Create/Edit/Delete: Create solo or group trips, add itineraries, budget, etc.
9. Communication feature: In-app messaging (Direct message or a group chat), Video or voice calling.
10. Community Feature: Travel stories & blogs, photo memories gallery, Influencer mode to build travel content (Can integrated with Instagram /TikTok)
11. Trip review, ratings and feedback: This feature useful for after the trip, user can rate the destination, companion and app feedback to improve the app features.
12. Report/Block User: Lets users report or block others for safety reasons.
13. Admin Dashboard: Admin monitors user activity, reports, and subscription data.

AI

Cathy

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- Need walking support
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4. She is very concerned about her safety when travelling with unknown people. She doubts whether sharing her personal information is a risk.
5. When planning trips, she relies on recommendations and photos from others.

generate a photo for this persona

To create an accurate and natural-looking image for Cathy, could you please confirm a few quick details first?

1. What **style** would you like the image in — e.g.:

- 📸 Realistic photo
- 🎨 Illustrated / cartoon-style
- 📜 Persona card (with text + photo combined)

2. How would you like Cathy to appear? For example:

- Elderly woman, around 65, casual travel clothes, possibly with a walking stick, calm and friendly expression.
- Indoors (home) or outdoors (e.g., near a temple, travel scene)?

Once you confirm those details, I'll generate the image exactly as you need.



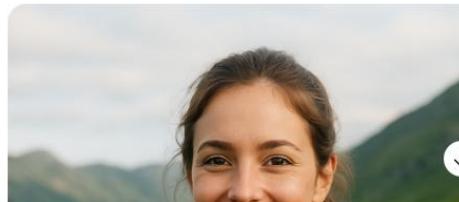
Realistic photo

Andrea

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 - Prefer getting ideas on the places before visiting via photos.
- Therefore she likes features like photo sharing.

generate an image



+ Ask anything

0



AI Tool Name	Version, Account Type	Specific features for which the AI tool was used
ChatGPT	GPT-5 Free Account	To collect information on similar apps
ChatGPT	GPT-5 free Account	read provided personas and then assist in creating mobile app features for a women-only safe travel companion app.
ChatGPT	GPT-5 free Account	instructed to understand the personas without interpretation, then organize the listed features into structured and readable user requirements.
ChatGPT	GPT-5 free Account	rewrite a list of research insights into a well-structured, numbered report format while keeping the original meaning and not adding any new information.
Grammarly- AI writing assistant	Free version	Grammar correction, Improve overall readability.

- Value Addition:
 1. Prompt ChatGPT to review my scenario and write the sentences with correct grammar.
 2. I created feature list, just used ChatGPT to rate the features from must have, could have criteria.
 3. Wrote the insights from the user study, used ChatGPT for structured the insights result.
- Appendix:
 - Shared personas (Cathy and Andrea) for a women-only safe travel companion app and asked AI to read them.
 - Provided a list of app features based on personas.
 - Requested AI to rate features as functional/non-functional, must-have/could-have, out of 10.
 - Asked if the requirements align with the two personas.
 - Asked to rewrite requirements in readable sentences from login to admin page.

Wendy's Worklogs

Date	No of Hours	Description of work done
Sep 21, 2025 - Sep 26, 2025	1 week	I individually researched on project ideas in order to come up with my idea for the project
Sep 26, 2025	1hour	Brainstormed with the other team member about her ideas for the project.
Sep 27, 2025	1 hour	Researched on similar apps. It helped to design unique features for the app.
Sep 28, 2025	1hour	It was hard to find similar apps. As a solution used Chat GPT to make it easy to find out similar apps been implemented before.
Oct 1, 2025	2 hours	Shared my ideas with the other team member and merged both of our ideas.
Oct 2, 2025	2 hours	Worked on the introduction section of the project proposal.
Oct 4, 2025	2 hours	Continued working on the project proposal.
Oct 8, 2025	1 hour	Tried to explore Figma. However, it was not a familiar application for me. It made me feel uncomfortable in exploring the application alone by myself. I thought of watching YouTube videos to get assistance.
Oct 11, 2025	1 hour	Gathered some useful YouTube videos which

		were providing guidance on using Figma.
Oct 14, 2025	2 hours	Explored basic features on Figma by following the instructions on the videos.
Oct 17, 2025	3 hours	Tried my own Figma project. First, I designed some basic mobile user interfaces. I created a Figma project and designed interfaces
Oct 8, 2025	30 min	Group meet for user requirement gathering
Oct 11, 2025	2 hours	Working on survey forms + forming question+ sharing form to friends (women)
Oct 13, 2025	3 hours	Looking at the analysis of the trend of the answers in the survey form + group meet
Oct 22, 2025	2 hours	Worked on Progress Report 1
Oct 13, 2025	3 hours	Looking at the analysis of the trend of the answers in the survey form + group meet + working on report 1
Oct 30, 2025	1 hour	Wrote two personas
Nov 2, 2025	2 hours	Analyzed the survey results and worked on visualizing the collected results
Nov 3, 2025	1 hour	Worked on finalizing the contents of the document

Khushi's worklogs:-

Date	Hours	Description of work done
Sep 21, 2025 - Sep 26, 2025	1 week	Individual brainstorming
Sep 26, 2025	1 hour	Discussed about project ideas with professor
Oct 2, 2025	4 hours	PACT framework+ value preposition
Oct 4, 2025	3 hours	Background research + value preposition
Oct 6, 2025	1 hour	Explore Figma designs + best practices
Oct 7, 2025	1 hour	Figma start to create pages for practice
Oct 8, 2025	30 min	Group meet for user requirement gathering
Oct 11, 2025	2 hours	Working on survey forms + forming question+ sharing form to friends (women)
Oct 13, 2025	3 hours	Looking at the analysis of the trend of the answers in the survey form + group meet + working on report 1
Oct 22, 2025	1 hour	Working on report 1
1-Nov	1 hour 30 min	Create 2 personas.
2-Nov	2 hours	user requirements and create a list of features.
3-Nov	1 hour	Work on overall writing and readability of the user requirement document.