

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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Team Lead: Wendy K.V.P De Silva

Introduction

FemmeTrip is a mobile application designed to help female travellers connect with females with similar interests to join them on their journeys. Other than simply matching travel companions the app will ensure trust by adding additional security features like providing users with the ability to review compatibility indicators and assess trust and safety signals. The app will also give users the ability to plan destinations based on memory artifacts shared by other users.

Novelty

While most of the existing travel apps focus only on bookings and itineraries, FemmeTrip focusses mainly on connecting similar minded travel partners and building trust even between unknown female travellers. Even though there are women only travel apps like Turlina, they only stop at account verification. But FemmeTrip goes much deeper into trust by providing features like compatibility scoring, trust signals like ratings, reviews.

Transformative experience for the user

Compared to men women are more concerned about safety in travelling alone and even with someone unknown. FemmeTrip addresses this common problem among females by allowing users to choose trusted travel companions using safety signals, verification and compatibility scores.

Instead of just only having chats with matched companions and planning manually, the app itself will provide the ability to host and coordinate trips.

FemmeTrip not only finds a travel buddy, but also it will help to start long term friendships with likely minded travelers.

Our Motto

Travel Safe Travel Together

Background Research

1. Safety concerns are widespread among female travelers
 - In a 2024 survey, ~70% of solo female travelers reported worrying about their safety while traveling alone, up from 64% in 2023.
 - Those who have done fewer solo trips tend to worry more: ~78% of women with fewer than 6 solo trips feel unsafe vs ~59% among those with more experience.
2. Other major barriers beyond safety
 - Higher costs of traveling solo are a significant issue because there's nobody to share expenses with (transport, accommodation).
 - Feelings of loneliness, getting lost, or language barriers also figure prominently.
 - A good chunk of women who haven't tried solo travel yet cite fear of something bad happening as a reason.
3. Women-only or safety-focused travel is growing
 - There's increasing interest among women in "women-only" travel options. For example, ~65% of female travelers in a survey said they would be more likely to book a solo trip if there were women-only tours.
 - Digital tools/community networks are also playing a bigger role; people share safety tips, advice, and experiences to reduce anxiety.
4. Gaps & opportunities
 - Despite many apps and tools, there's still a lack of product solutions that combine trust / verification + companionship + safety + ease of planning in one place.
 - Women often report lack of reliable, verified information about compatibility/trust when choosing travel companions.
 - Offline safety features or low-connectivity support are under-addressed in many travel apps despite the reality of traveling in remote areas.

PACT Framework

- People:
 - Primary Users: Women travellers (18-60+), students, working professionals, travel planners.
- Activities:
 - **Searching for and evaluating companions:** Users engage in the process of identifying potential female travel partners by browsing profiles, reviewing compatibility indicators, and assessing trust and safety signals.
 - **Planning and organizing trips:** Users can initiate or participate in the creation of trip plans by defining destinations, dates, and preferences, and by joining existing travel groups organized by other women.
 - **Coordinating trip details:** The application facilitates secure communication channels through which users can discuss itineraries, clarify expectations, and coordinate logistics to ensure a smooth travel experience.
 - **Sharing experiences:** Users have the opportunity to document their journeys by posting photos, reflections, and other memory artifacts. These contributions foster a sense of community and provide inspiration for future travelers.
 - **Building trust and relationships:** Through repeated successful collaborations on trips, users cultivate mutual trust and may establish long-term friendships, thereby enhancing both engagement with the platform and the overall sense of safety within the community.
 - Block the travellers: If the traveller is miss behaving or creating a nuisance then one can block the travellers.
- Context:
 - Physical context:
 - Used at home during trip planning, and on the move (airports, hostels, buses, etc.).
 - Often in low-connectivity or offline environments.
 - Limited device resources (battery, small screens, older phones).
 - Social context:
 - Women-only community focused on safety and trust.
 - Privacy-sensitive use (control over photos, names, and location visibility).
 - Cultural differences around women traveling with strangers.
 - Moderators/admins involved in verification and safety enforcement.
 - Organisational Context:
 - Coordination and safety activities often happen on the move, sometimes under time pressure (e.g., transport changes, emergencies).
 - Sharing memories and reviews happens after trips, usually in relaxed settings.

- App provides onboarding tutorials and guidance for new users.
 - Safety instructions (how to use SOS, live location) are built into the interface.
 - Knowledge resources (FAQs, travel tips) help users gain new skills and confidence in using the platform.
- Technologies:
 - **Input:**
 - Touchscreen input for navigation and data entry.
 - Camera input for ID/selfie verification and photo uploads.
 - GPS sensor for live location sharing.
 - Output:
 - Visual output on mobile screens (text, photos, maps, notifications).
 - Push notifications for trip updates, reminders, and safety alerts.
 - Communications (between people and devices):
 - In-app messaging and group chat between users.
 - Communication with external services (e.g., map APIs).
 - Speed and reliability depend on mobile internet or Wi-Fi; offline caching supports low-network contexts.
 - Size of screen:
 - Designed for smartphones (small to medium screen sizes, typically 5–7 inches).
 - Graphical User Interface (GUI):
 - GUI with intuitive icons, cards, and maps.
 - Accessible design (large tap targets, contrast, scalable text).
 - Multimodal:
 - Primarily touch + visual.
 - Networked or stand-alone:
 - Fully networked system, dependent on internet connectivity.
 - Offline mode supported for trip details, cached chats, and maps in low-connectivity areas.
 - Always on or dial in:
 - “Always on” connectivity model with background updates and push notifications.
 - SOS and safety features require real-time connectivity.
 - Type of system:
 - Mobile application (Android & iOS) for personal use.
 - Portable, “carry-anywhere” system — not kiosk or desktop.

Value Proposition

Brief Description:

A secure and empowering travel platform where women can connect with verified companions, plan safe adventures, and build lifelong friendships through shared travel experiences.

Function Factor :

A trusted digital platform that enables women to find safe, like-minded female travel companions, plan trips together, and share authentic travel experiences.

Target Audience:

Designed specifically for women who love to travel but prioritize safety, trust, and companionship.

Feel Factor :

Users can confidently explore new destinations with verified companions, enjoy meaningful friendships, and create lasting travel memories—all within a supportive, women-only community.

Differentiation :

Unlike generic travel or social networking apps, this platform integrates **verified identity checks, match-based companion suggestions (80–100% compatibility), and friendship streaks** that reward consistent, safe, and successful trips—fostering both trust and engagement.

FemmeTrip Project Contract

This contract confirms that both the team members will contribute equally to succeeding in the project

- 1) Members will update each other regularly on findings and status of tasks being carried out via WhatsApp.
- 2) Team meetings will be carried out once a week in order to ensure that the project is on schedule and on the right track.
- 3) Both the team members will involve in research, design, and documentation and presentation.
- 4) Tasks will be divided among each other fairly and rotated when possible.
- 5) Decisions will be taken by discussing with the other member and meetings will be hosted wherever required before taking decisions.
- 6) Members respect each other's ideas.
- 7) All relevant documents will be maintained in the GitHub Repo and will be accessible to each other.

Signatures

Name: Wendy Kalahe Vithanawasam Pandikoralalage De Silva

Signature: wendy

Date: Oct 05, 2025

Name: Kushi Bhatt

Signature: kushi

Date: Oct 05, 2025

Preliminary List of Features

- The app is specially designed for female travellers who are looking for safe and reliable travel partners.
- The app builds trust on travel companions through compatibility scoring, trust signals like ratings, reviews.
- The app connects users with similar interests and allows them to chat with each other.
- Based on the preferences the app allows users to proceed with organizing trips from the app itself.
- The app allows travellers to document their experiences by posting photos and other memory artifacts for potential travellers to get ideas.
- The app push notifications on travel updates.

AI Use Section

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

Value Addition: ChatGPT helped to quickly gather information about similar apps and identify market gaps. It supported in making the application more novel.

Appendix

compare femmetrip with similar apps

Here's a comparative table + commentary showing how **FemmeTrip** stacks up against similar travel-companion / travel buddy apps (Tourlina, Fairytrail, GAFFL). This should help clarify gaps, strengths, and opportunities.

Comparison with Similar Apps			
Feature / Attribute	Tourlina	Fairytrail	GAFFL
Target Audience / Exclusive Focus	Women looking for travel companions; friendships, maybe dating. Apple +1	Solo travelers, digital nomads, people who want travel buddies or friendships; not women-only. Apple +2	All travelers; allows browsing travel buddies & groups; not women-only. Apple +2
Matching / Compatibility Features	Users pick destination + dates + preferences (type of stay, activities) to match with others whose trips overlap. Verified profiles required. El Tiempo +1	Smart matching by interests, destination, travel style, sometimes upcoming destinations. Verified profile system, fraud detection. Apple +2	Can search for trips/destinations, find travelers & locals, connect, plan together. Verification badge. Apple +1
Safety / Trust / Verification Features	Manual verification of profiles; only verified profiles can connect. El Tiempo +1	Uses behavior-based fraud detection, image recognition, device telemetry, human moderation, community reporting. ↓ verified profiles. fairytrail.app +1	Multi-step verification; verification badges. Some features around meeting in public, sharing info, etc. Apple +1

Work Logs

Student name: Kushi

Date	No of Hours	Description of work done
Sep 21, 2025 - Sep 26, 2025	1 week	Individual brainstorming
Sep 26, 2025	1 hour	Discussed about project ideas
Oct 2, 2025	4 hours	PACT framework
Oct 4, 2025	3 hours	Background research and value proposition

Student name: Wendy

Date	No of Hours	Description of work done
Sep 21, 2025 - Sep 26, 2025	1 week	Individual brainstorming
Sep 26, 2025	1 hour	Discussed about project ideas
Oct 1, 2025	2 hours	Researched on similar apps to gather details on the novelty of the app
Oct 2, 2025	2 hours	Described the introduction section
Oct 4, 2025	2 hours	Listed the preliminary list of features for the app and worked on document creation.

Acknowledgement

We would like to express our sincere gratitude to everyone who contributed to the success of the Femme Trip project. We would like to specially thank our instructor professor Padmapriya Arasanipalai Kandhadai for her valuable feedback on improving our project ideas and giving us a chance to explore on UX design in mobile applications through this project.

We are also grateful for the online learning resources, Chat GPT, and other materials that provided us with valuable insights and information to strengthen the foundation of our project.

References

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