Vivekanand Education Society's
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Campist : Flutter Project

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Content

- **Slide 1:** Title Slide
- **Slide 2:** Problem Statement
- **Slide 3:** Solution – Skill Swap
- **Slide 4:** Key Features
- **Slide 5:** Technology Stack Overview
- **Slide 6:** Firebase Data Structure
- **Slide 7:** User Journey and App Flow
- **Slide 8:** Visual Showcase - Screenshots
- **Slide 9:** Interactive Demonstration (Optional)
- **Slide 10:** Development Challenges
- **Slide 11:** Expanding Horizons - Future Enhancements

Introduction to Project

Campist: Discover, Book, Camp

A Mobile Platform for Campsite Discovery and Booking

Problem Statement

- **The Challenge of Finding the Perfect Campsite**

  Outdoor enthusiasts often struggle to locate trustworthy and relevant campsites. The current ecosystem is fragmented, with inconsistent data, lack of user reviews, limited filtering, and inadequate mapping tools.

  Additionally, campsite owners lack a focused platform to showcase and manage their listings, leading to missed opportunities and reduced visibility.

Problem Statement

- **Introducing Campist: Campsite Discovery Made Easy**

  Campist is a user-focused mobile application that centralizes verified campsite listings. It empowers campers to explore, filter, review, and book campsites—whether in national parks, hidden nature spots, or off-the-grid areas.

  Simultaneously, it gives vendors tools to manage and update their listings, reach new customers, and ensure visibility on an organized and trusted platform.

Key Features

- **Empowering the Camping Experience**

🗺️ **Map Integration**: Explore campsites using an interactive map and get GPS directions.

⭐ **Review & Ratings**: Users leave reviews and ratings to guide fellow campers.

🔍 **Advanced Filters**: Find campsites by location, amenities (e.g., glamping, pet-friendly), pricing, and more.

Key Features

🧑‍💼 **Vendor Dashboard**: Campsite owners manage listings, track bookings, and update site info.

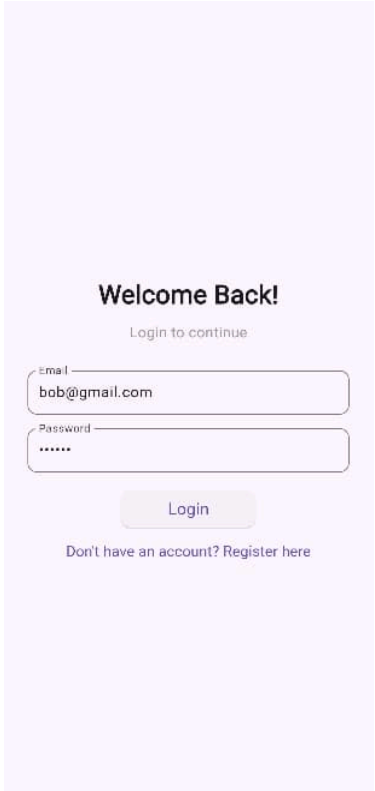
✅ **Admin Verification**: Listings undergo a verification process to ensure authenticity and trust.

Key Features

Requirements of the system (Hardware, software)

Proposed Design

Implementation



Implementation

Future Scope

Challenges in Development

- 🌐 Map and location integration complexities
- 🧪 Ensuring accurate and consistent campsite data
- 🔒 User authentication and role differentiation (camper vs. vendor)
- 📱 Handling real-time booking conflicts and availability updates
- 🎯 Designing a clean, intuitive UI for diverse user roles

Conclusion

- **Campist: Where Adventure Begins**

  Campist bridges the gap between campers and campsite providers, offering a reliable, community-driven platform for outdoor exploration.

  Built with Flutter and Firebase, it's scalable, responsive, and user-friendly—empowering a seamless camping experience and making nature more accessible to everyone.