Marriage Compatibility
Assessment Platform

Empowering Couples with AI-Driven Insights

86 Questions • 14 Life Areas • Smart Analytics
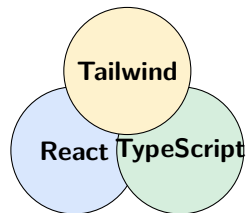
🌐 easy-ai-labs.lovable.app

Presented by: **Yash Kavaiya**

Platform Overview

What We Built

- React-based web application
- TypeScript for type safety
- Tailwind CSS for styling
- PDF report generation
- Voice assessment capability

Tailwind

React **TypeScript**

Key Innovation

AI-powered voice assessment using speech recognition

Key Features

86 Questions
Comprehensive assessment
covering all aspects

14 Categories
From values to lifestyle choices

PDF Reports
Detailed compatibility analysis

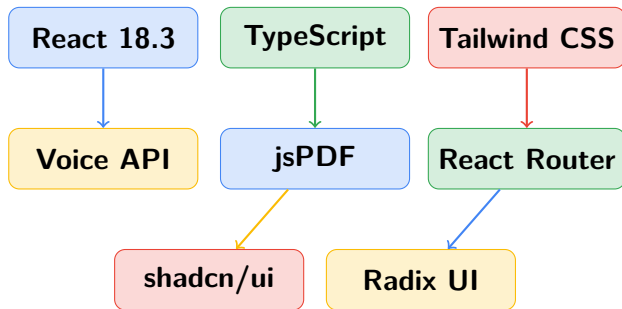**Dual Rating System:** Importance (1-5) + Flexibility (1-5)

14 Life Assessment Categories

1. Core Values & Ethics
2. Religion
3. Spirituality
4. Relationship Model
5. Life Vision & Home
6. Children & Parenting
7. Finances
8. Work & Career
9. Household & Roles
10. Communication
11. Love & Intimacy
12. Health & Lifestyle
13. Family & In-Laws
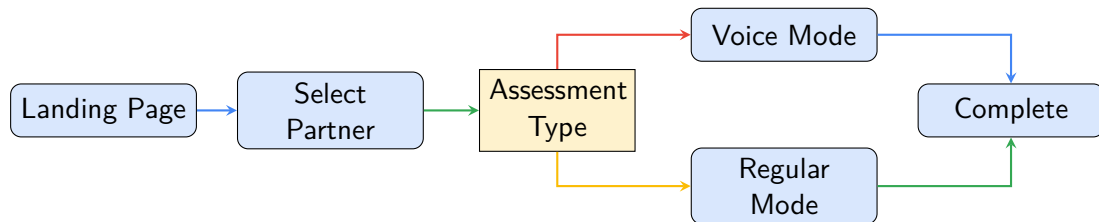14. Growth & Change

Comprehensive Coverage

Each category contains multiple questions targeting specific relationship aspects

Technology Stack

Build Tool: Vite 5.4 ▪ **Package Manager:** npm

User Experience Flow

Landing Page → Select Partner → Assessment Type → Voice Mode → Complete

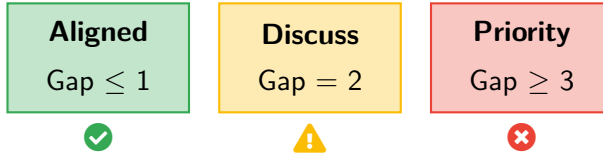Assessment Type → Regular Mode → Complete

Partner A Assessment
- Name entry
- 86 questions
- Save responses

Partner B Assessment
- Independent completion
- Same question set
- Compare results

Compatibility Scoring System

Aligned Gap ≤ 1	**Discuss** Gap $= 2$	**Priority** Gap ≥ 3
✅	⚠️	❌

Scoring Algorithm

- Compare importance ratings between partners
- Calculate gap for each question
- Categorize into three levels
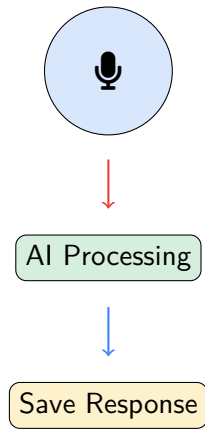- Generate overall compatibility percentage

AI-Powered Voice Assessment

How It Works

1. Speech Recognition API
2. Natural language processing
3. Automatic transcription
4. Response validation

Key Benefits

- Hands-free experience
- Natural conversation flow
- Accessibility features
- Time-efficient

AI Processing

Save Response

Comprehensive PDF Reports

Report Contents

- Executive summary
- Overall compatibility score
- Category-wise analysis
- Detailed question breakdown
- Action items
- Growth recommendations

Quality of Life Report

- Individual assessment
- Personality profile
- Relationship readiness
- Strengths analysis
- Growth areas
- Category insights

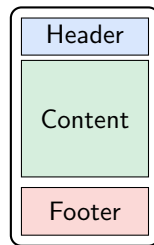**📄 Instant PDF Generation with jsPDF Library**

UI/UX Design Highlights

Design Philosophy

- Clean & minimalistic
- Mobile responsive
- Intuitive navigation
- Progressive disclosure

Color Psychology

- Rose gold - Romance
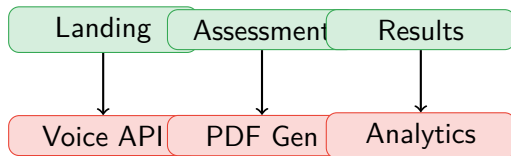- Navy - Stability
- Blush - Softness
- White - Clarity

Header

Content

Footer

Mobile First

Accessibility

WCAG 2.1 compliant with voice support

Technical Architecture

Frontend Layer - React + TypeScript

Landing — Assessment — Results

Voice API — PDF Gen — Analytics

Local Storage - Browser Based

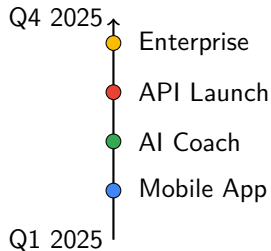**Privacy First:** All data stored locally - No server uploads

Future Enhancements

Planned Features

- 🧠 AI coaching
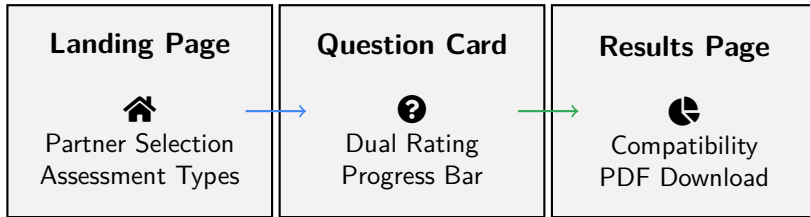- 📱 Native mobile app
- 🔤 Multi-language
- 📈 Progress tracking

Integration Plans

- Calendar sync
- Therapist network
- Video sessions
- Community forums

Q4 2025

- Enterprise
- API Launch
- AI Coach
- Mobile App

Q1 2025

Vision 2025

Become the leading AI-powered relationship assessment platform

Live Demo Screenshots

Landing Page	Question Card	Results Page
🏠	❓	📊
Partner Selection Assessment Types	Dual Rating Progress Bar	Compatibility PDF Download

🌐 **Try it now:** lovable.dev/projects/3acd99c3

Thank You!

Questions & Discussion

Connect With Us

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🔗 linkedin.com/in/yashkavaiya

🏢 Gen AI Guru

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