AI-Powered Healthcare Assistant

Transforming preliminary health assessment through intelligent symptom analysis and evidence-based medicine recommendations

The Healthcare Access Challenge

Immediate Barriers

- Limited access to healthcare professionals
- Long waiting times for appointments
- Rural and underserved areas face greater challenges

Patient Impact

- Anxiety from unknown symptoms
- Delayed medical intervention
- Unnecessary emergency visits

Market Opportunity

£18...

Global Digital Health Market

Projected value by 2025

67%

Patient Preference

Want digital health tools for initial assessment

40%

Reduction Potential

Decrease in unnecessary clinical visits

Our AI Solution Overview

Symptom Analysis

Machine learning algorithms process user-reported symptoms with clinical accuracy

Disease Prediction

Evidence-based predictions using comprehensive medical databases and pattern recognition

Medicine Recommendations

Safe, over-the-counter options with clear dosage guidelines and contraindications

Professional Guidance

Always directs users to qualified healthcare professionals for proper diagnosis

How It Works

Symptom Input

User describes symptoms through intuitive interface

AI Analysis

Machine learning algorithms process data against medical knowledge base

Predictions

System provides probable conditions with confidence levels

Recommendations

Safe medication options with professional consultation advice

Key Benefits

Immediate Accessibility

24/7 availability reduces anxiety and provides instant preliminary guidance, particularly valuable during out-of-hours periods when medical professionals aren't readily available

Cost Efficiency

Reduces unnecessary clinical visits whilst ensuring appropriate cases receive professional attention, optimising healthcare resource allocation

Safety First

Built-in safeguards ensure responsible use with mandatory professional consultation recommendations for all significant health concerns

Business Opportunities

Healthcare Providers

- Hospitals and clinic networks
- Telehealth platforms integration
- Corporate wellness programmes

Insurance & Pharma

- Health insurance companies
- Pharmaceutical partnerships
- Employee health benefits

TCS can integrate this solution into existing healthcare portfolios, creating new revenue streams whilst strengthening client relationships

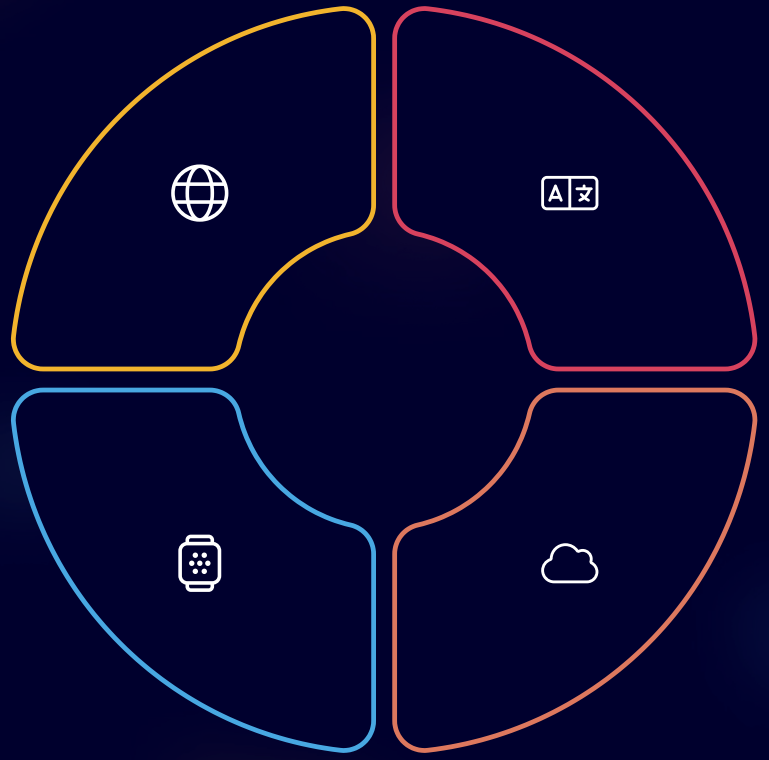
Scalability & Global Reach

Geographic Adaptation

Localised datasets for different regions and demographics

Multi-Language Support

Expandable to support multiple languages and cultural contexts



IoT Integration

Compatible with wearables and health tracking devices

Cloud Infrastructure

Scalable deployment for millions of users across regions

Risk Management

Prediction Accuracy

Continuous model refinement with medical expert validation ensures reliable results whilst clearly communicating confidence levels to users

User Behaviour

Built-in safeguards prevent over-reliance through mandatory professional consultation prompts for all significant health concerns

Data Quality

Diverse, balanced datasets prevent algorithmic bias whilst ensuring representative coverage across demographics and conditions

Next Steps

01

Pilot Development

Build MVP with core symptom analysis and medicine recommendation features

02

Clinical Validation

Partner with healthcare professionals to validate accuracy and safety protocols

03

Regulatory Compliance

Ensure adherence to healthcare regulations and data protection standards

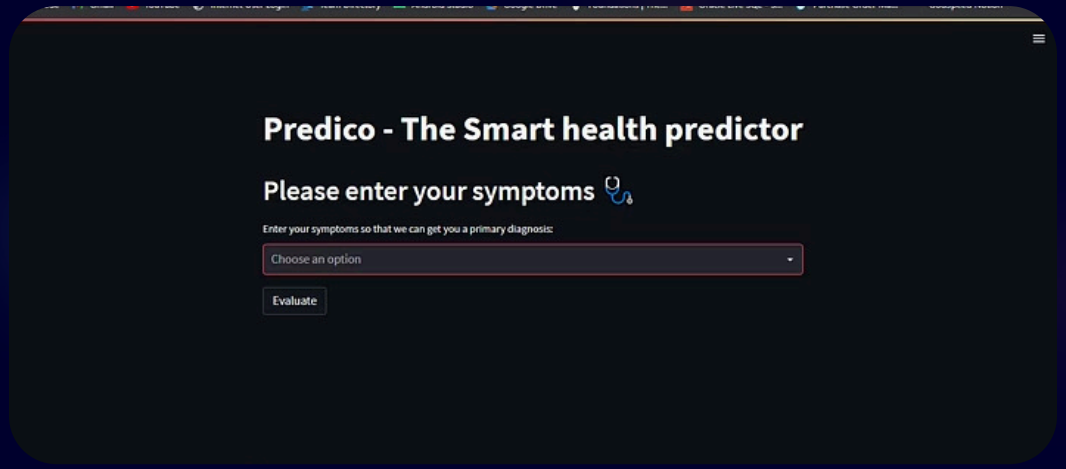
04

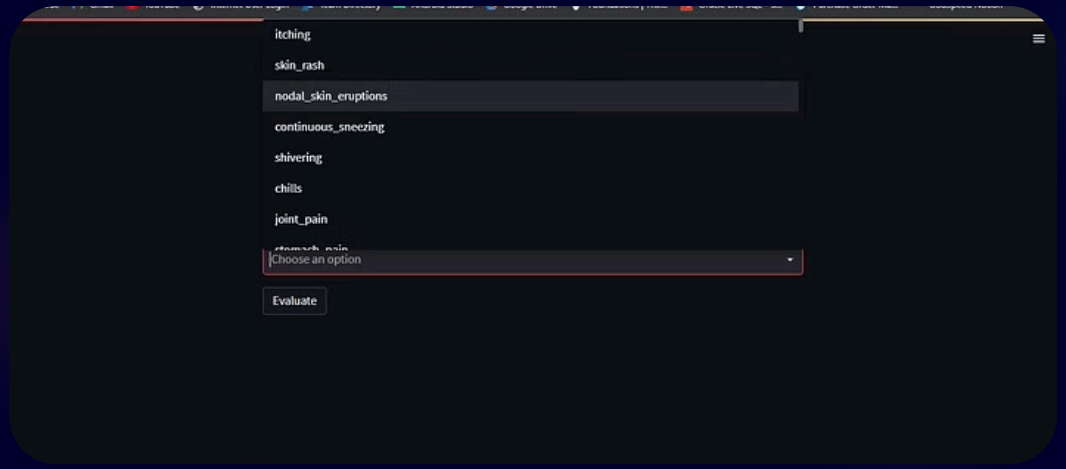
Market Launch

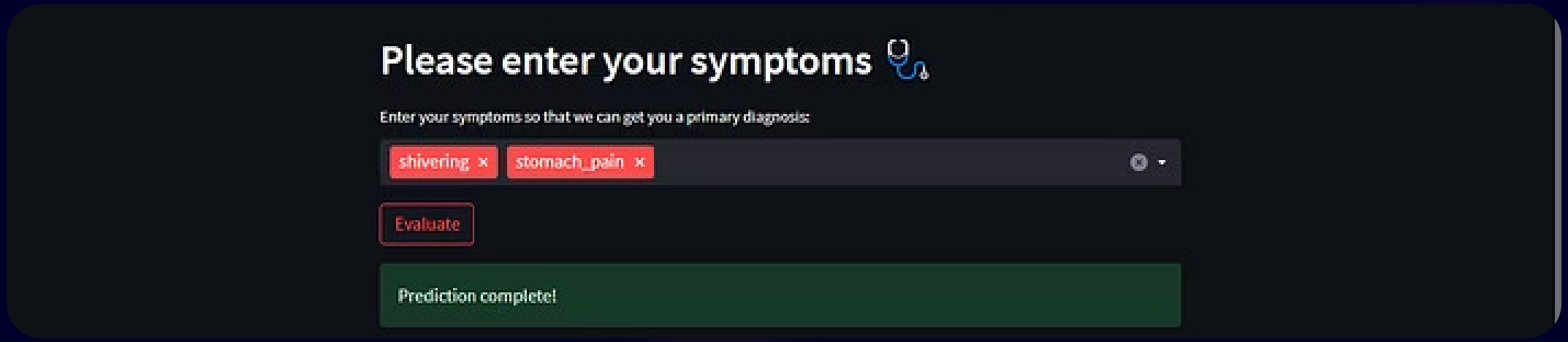
Deploy with key healthcare partners and begin scaling across TCS client base

> Transforming healthcare accessibility through responsible AI innovation

Prototype Screenshots







Thank You

Thank you for your time and attention today.

We welcome your questions and look forward to a productive discussion.