



High Functioning Brains (HFB) Proposal 2025

Executive Summary

High Functioning Brains (HFB) is a digital community and resource hub designed to support autistic individuals and their families through evidence-based tools, AI-driven personalization, and inclusive peer support. With autism prevalence now at 1 in 31 (CDC, 2022 data released 2025), the demand for scalable digital solutions is urgent. HFB addresses isolation, caregiver stress, and limited access to interventions with a multilingual, accessible, and research-backed mobile platform.

Value Proposition

- Safe peer-to-peer community spaces to reduce loneliness and improve mental health.
- Evidence-based digital interventions for underserved families.
- Multilingual instant translation for global accessibility.
- AI/AR tools for early screening, skill-building, and engagement.

Roadmap (8–12 months)

1. Discovery & Inclusive Design (3–4 months): Stakeholder interviews, UX accessibility.
2. MVP Development (4–6 months): Cross-platform app, HIPAA-ready backend, AI/AR modules.
3. Beta Testing & Ethics Review (2 months): Household pilots, bias audits, opt-in translations.

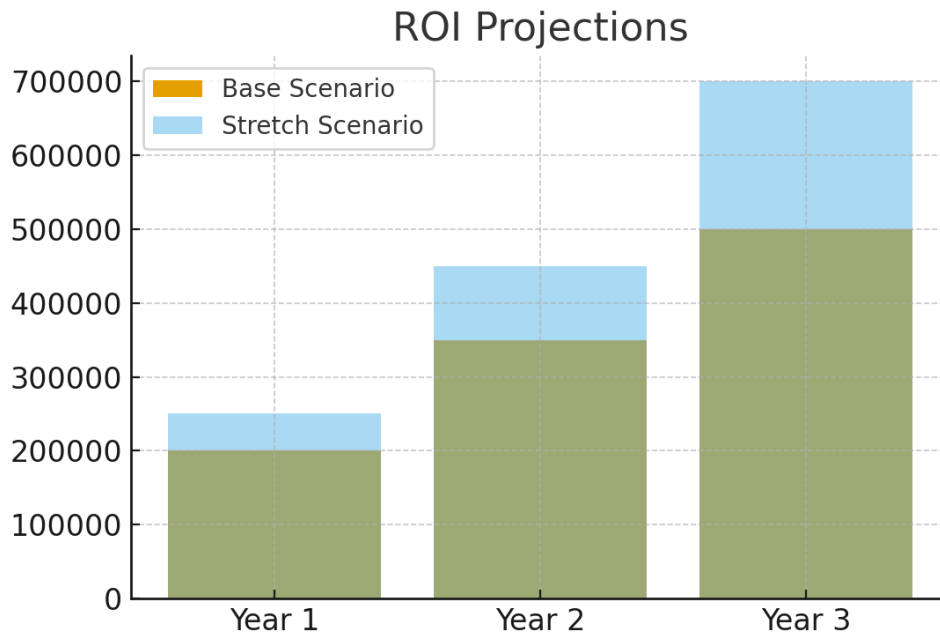
Financial Model

Development Cost: \$150,000 – \$200,000

Annual Maintenance: \$40,000 – \$60,000

Revenue (5,000 users): ≈\$350,000/year + \$50–120k institutional partnerships

Break-even: Year 2



Impact Metrics (Pilot)

- ≥20% reduction in loneliness (UCLA-LS scale) after 8 weeks.
- ≥15% reduction in caregiver stress (PSS).
- ≥30% increase in weekly active engagement (WAU/MAU).

Ethics & Risk Mitigation

HFB integrates privacy-by-design (minimal data, HIPAA-ready storage), algorithmic bias audits, and transparent opt-in translation. Independent evaluation ensures validity and safety.