

The Sparky AI Messenger Project

Bridging Acadian and
Indigenous Heritage with
Tomorrow's Technology.



Prepared for Grant Review | Jean Francois Brisson |
Edmundston, NB | sparkainlp@gmail.com

The Anatomy of Sparky

Brain

Smart Talking Engine

Powered by Nemotron 3 Super and RAG (Retrieval-Augmented Generation). Understands and speaks everyday English, French, and Maliseet fluently.

Roots

Cultural Preservation

Safely archives and shares Acadian and First Nations knowledge so oral histories are permanently protected.

Body

Immersive & Inclusive

Delivers life-size 3D moving holograms and features accessible interfaces (voice-only modes, large visuals) ensuring zero barriers for visitors with disabilities.

The Respectful Loop Philosophy

Elders Lead

Stories belong entirely to the community; knowledge keepers guide the narrative.

Community Heals

AI Assists

Technology serves only as a translation and formatting tool, never the author.

Youth Build

Local youth operate the tools, bridging the generational divide and building tech capacity.

The 7-Step Content Creation Engine



Steps 1 & 2: Rooting the Stories in Community

Step 1: Community Gathering



Acadian elders and Mi'kmaq/Wolastoqiyik knowledge keepers share oral stories in free community halls in Moncton/Shediac.

Step 2: Story Recording

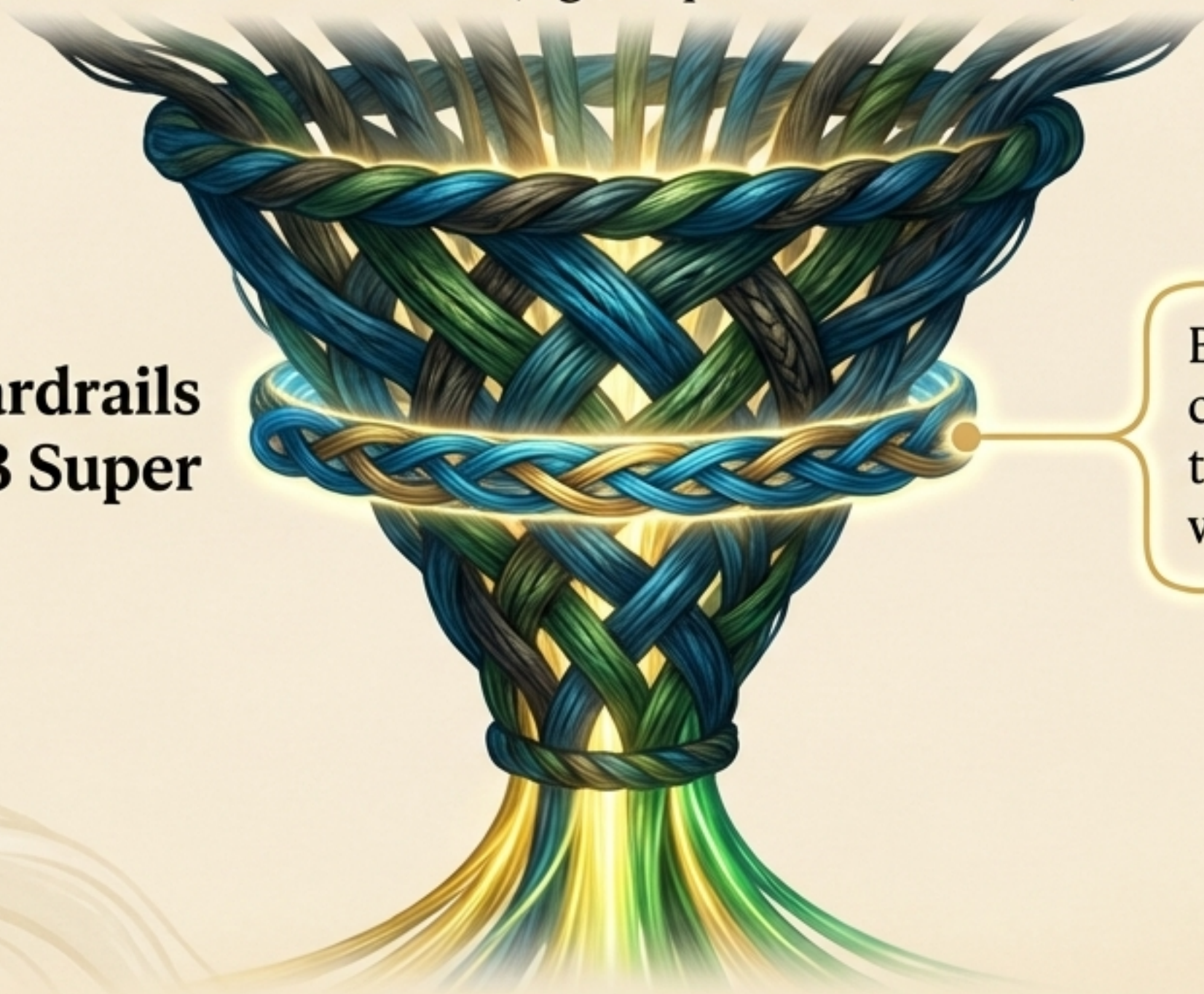


Stories are gently recorded strictly with prior permission using already-owned mobile devices to keep the environment natural and un-intimidating.

Steps 3 & 4: The AI Assistant & Protective Guardrails

Raw, complex elder stories containing heavy historical truths (e.g., Deportation trauma).

**Nemotron Guardrails
& Nemotron 3 Super**



Built-in AI rules ensure content translates the tone to Sparky's friendly voice without re-traumatization.

Child-friendly scripts focusing strictly on strength, hope, and resilience.

Step 5: The Ultimate Human Veto



No script is finalized without unanimous human consent.

Elders and the Advisory Board read and approve every single word.

Changes are made collaboratively, in person or via simple printed copies, ensuring accessibility for all elders regardless of technological literacy.

Step 6: Multi-Format Output Architecture



Hologram Video Loops

30–90 second floating narrations for events.



Plush AI Responses

50+ short audio answers built into toys for kids/elders.



TikTok/YouTube Episodes

12 short videos titled Sparky's Acadian Adventures.



NFC Legend-Unlocks

Tap a keychain to hear raw elder recordings followed by Sparky's explanation.

Technical Specifications: How the System Operates



**RAG
Knowledge Base**

A locked, secure folder of only approved stories ensuring Nemotron stays accurate and respectful.

**Nemotron 3
Super Engine**



Hologram Projectors



Plush Voiceboxes



NFC Chips

Global vs. Local Validation Diagnostic

	Global Comparables (Italy, China, Aus)	NB Explora Chatbot	Sparky AI NLP
Smart Talking (AI/NLP)	✓	✓	✓ Maliseet/Acadian focus
3D Holographic Pictures	✓	Basic text only	✓ Full Hologram
Local Heritage Focus	General tourism	✗	✓ Local story solution
Built-in Accessibility	Added later	✗	✓ Disability-friendly day one

Sparky checks every box for Atlantic Canada, establishing a vital first-mover advantage.

The Sparky Innovation: A Paradigm Shift

Traditional Heritage Projects

The Sparky AI Project

Cost &
Resource

Expensive manual writers,
heavy physical infrastructure.

High-efficiency AI drafting,
low-cost digital scaling.

Engagement

Static plaques, one-way
communication.

Dynamic holograms, interactive
plush, multi-sensory.

Creation
Velocity

Months or years to publish.

12 core stories ready in weeks;
dynamic monthly updates.

Extreme Budget Efficiency

[Free NVIDIA AI Tools]

+

[Free Moncton/Shediac Community Spaces]

+

[\$480 CAD]

=

[Massively Scalable Cultural Asset]

Total new spending for content creation is just \$480 (printing, workshop snacks, basic editing app). Because AI does the heavy lifting after the elders speak, expensive writing and transcription costs are entirely eliminated.

Local Job Creation & Capacity Building

Elder Honorariums

Paying 8–10 local elders and knowledge keepers as story advisors (\$50–100 per workshop).

Real financial respect for oral history.

Youth Tech Jobs

Training and employing 2–3 local youth from Moncton as AI helpers and video editors.

Building real local tech capacity in Atlantic Canada.

The Launch Impact: Canada Day 2026

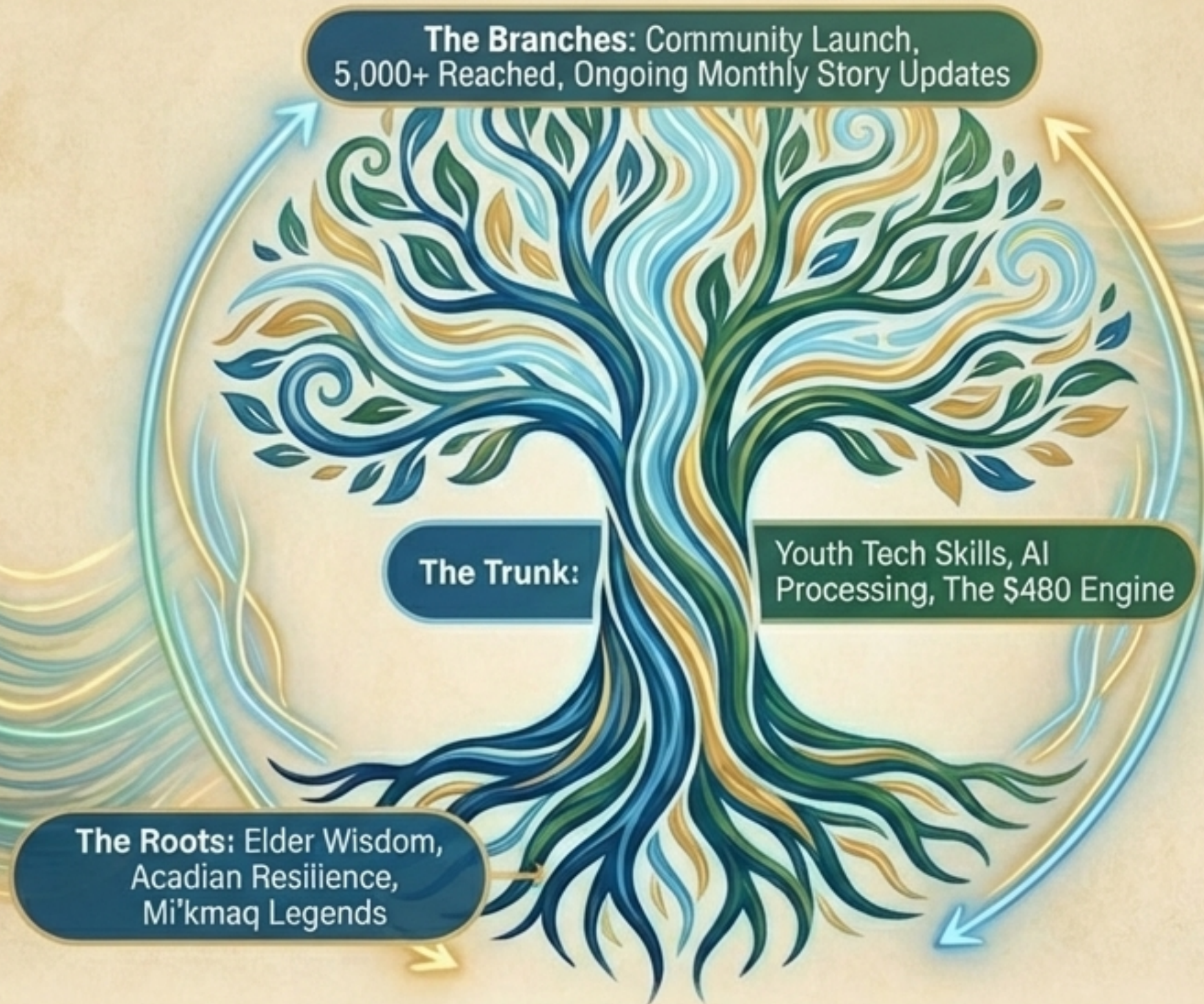
Date & Location: July 1, 2026
— Parlee Beach, Shediac.

Content Readiness: 12 core stories fully approved and active.

Audience Reach: 5,000+ attendees experiencing healing legends.

Verification: Photos, short videos, and elder feedback reports automatically generated as grant proof.

The Intergenerational Bridge



Key Insight: This project doesn't just preserve history in amber; it creates a living, breathing loop where heritage continuously powers the future.

Funding the Sparky Foundation



Strategic Alignment & Next Steps

ACOA &
Provincial Funds

Ready to
support
New Brunswick
tourism
innovation.

NACCA SITES

\$9.5M+
available for
Indigenous
tourism.

Canada Tourism
Growth Program

\$108M
national fund
for inclusive
experiences.

Sparky AI NLP perfectly maps to all government mandates:
Job Creation, Inclusion, and Heritage Preservation.

Built in Edmundston, NB. | Jean Francois Brisson | sparkainlp@gmail.com | 514-464-8965