# Pitch Deck: SmartPikin

## Empowering Sierra Leone's Education Through AI and Technology

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## Slide 1: Title Slide

- **SmartPikin: Transforming Education for Sierra Leone**
- Empowering Students, Guardians, Schools, Teachers, and Tutors
- **Built with Django and AI by Young Women Coders**

## Slide 2: Problem Statement

### Challenges Facing Sierra Leone's Education System:

1. **Lack of Centralized Technology Platforms**

   - No portal exists where all stakeholders (students, guardians, schools, teachers, and tutors) can connect and access detailed, organized information.
   - Difficulty in finding schools, tutors, and educational resources in one place.

2. **Outdated Study Plans and Teaching Methods**

   - Teachers rely on traditional methods that do not incorporate modern trends like STEM, practical learning, or AI-driven personalization.
   - The lack of innovative, tailored lesson plans for diverse settings (rural, urban, class levels).

3. **Missed Opportunities for AI in Education**

   - No tools to assist in lesson planning, creative writing, or summarizing complex content.
   - This gap holds Sierra Leone back from adopting global trends in modern education technology.

**SmartPikin** aims to **bridge these gaps** with an AI-powered, centralized educational platform.

## Slide 3: Our Vision

**SmartPikin: For a Smarter Future**
To create a **modern, AI-powered education system** in Sierra Leone, connecting stakeholders, empowering educators, and inspiring learners with cutting-edge technology.

# Slide 4: Key Features of SmartPikin

1. **Centralized Educational Portal**

   - **Schools:** Search, filter, and view detailed profiles of schools.
   - **Teachers & Tutors:** Discover, request, and connect with qualified tutors and teachers.
   - **Application Tracking:** Guardians and students can apply to schools and check their status in real-time.

2. **AI-Powered Tools for Educators**

   - **Lesson Plan Generator:**

     - Tailored, innovative plans for rural and urban classrooms.
     - Focused on STEM, modern education trends, and Sierra Leone's needs.

   - **Creative Writing Support:**

     - AI assistance to write and refine Sierra Leonean stories, fostering local talent.

   - **Document Summarization:**

     - Simplify lengthy educational materials for teachers.

   - **Math Notes Generator:**

     - Practical, hands-on exercises for STEM-focused learning.

3. **Guardian and Student Empowerment**

   - Easy-to-navigate platform for discovering schools, tutors, and educational resources.
   - Real-time status updates for applications and tutor requests.

# Slide 5: Why SmartPikin?

- **Localized and Tailored:** Built specifically for the challenges of Sierra Leone's education system.
- **Powered by AI:**

  - Revolutionizing education with tools that modernize teaching and learning.
  - Promoting STEM, creative writing, and practical learning through innovative AI solutions.

- **Empowering Stakeholders:** A one-stop solution for **students, guardians, schools, teachers, and tutors.**

# Slide 6: About the Creators

## Built by Django Girls at Limkokwing University of Creative Technology

- A **team of young, passionate women programmers** led by **Hawa Kallon**, Chief Programmer.
- Part of a mission to empower women coders and bring innovative solutions to national challenges.

- SmartPikin reflects the vision of a **smarter, more connected future for Sierra Leone** driven by local talent.

## Slide 7: Future of SmartPikin

1. **Scaling Across Sierra Leone**: Partnering with schools, educational organizations, and government bodies.
2. **Advanced AI Capabilities:**

    - STEM lab simulations powered by AI.
    - Multilingual support, including local dialects, for accessibility.
    - Deeper insights and analytics for educators and policymakers.

3. **Empowering the Next Generation**: Positioning Sierra Leone as a **global leader in innovative education platforms**.

## Slide 8: Call to Action

### Let's Bridge the Education Gap Together!

- **Invest in SmartPikin**: Support the future of education in Sierra Leone.
- **Collaborate with Us:** Join Django Girls and SmartPikin to revolutionize how Sierra Leone learns and teaches.

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