Vietnam: Response to the COVID-19 Pandemic HEALTH INFORMATION, INTELLIGENT AND INNOVATION

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OUTLINE

1. **Coordination and development of IT applications**
2. **Deployed applications**
3. **Our lessons learned**

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1. COORDINATION AND DEVELOPMENT OF IT APPLICATIONS

- **National Steering Committee's Key Role:** The Ministry of Information and Communications is responsible for
  - ✓ Direction
  - ✓ Coordination
  - ✓ Development
  - ✓ Implementation
- **Health Sector's Coordinating Role**: The Ministry of Health and local health agencies is responsible for:
  - ✓ Coordination
  - ✓ Propose the essential content
- **Localization of Applications**
- **Provincial Initiatives in IT Development**

2. DEPLOYED APPLICATIONS

- **Data Collection and Surveillance:**
  - ✓ Enable continuous monitoring and rapid reporting of cases;
  - ✓ Empower authorities to swiftly detect and respond to outbreaks;
  - ✓ Facilitate real-time sharing of data;
  - ✓ Manage samples efficiently and expedite the return of test results.
- **Contact tracing function:**
  - ✓ Streamline contact tracing efforts;
  - ✓ Notify individuals of potential exposure.
- **Isolation and quarantine monitoring:**
  - ✓ Daily health declarations.

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2. DEPLOYED APPLICATIONS (CONTINUOUS)

- **Telemedicine:**
  - ✓ Central hospitals and lower-level healthcare facilities;
  - ✓ Community members and medical professionals.
- **Vaccine distribution and monitoring:**
  - ✓ Ensure equitable access to vaccines & track vaccine coverage in real-time;
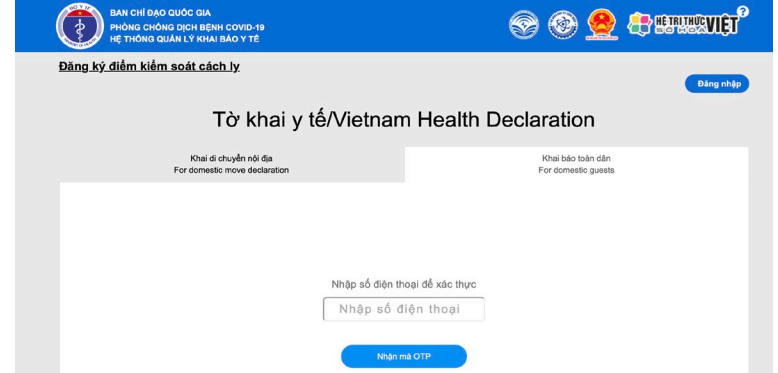 - ✓ Collect and analyze data on adverse events.

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3. LESSONS LEARNED

- **Centralized application database:**
  - ✓ Minimizing redundancy;
  - ✓ Spanning from central to local levels, involving various ministries.
- **Infrastructure Scalability Planning:**
  - ✓ Develop a contingency plan for infrastructure scalability;
  - ✓ Prioritize readiness for information technology infrastructure expansion.
- **Data Security and Privacy:**
  - ✓ Safeguard personal information and data;
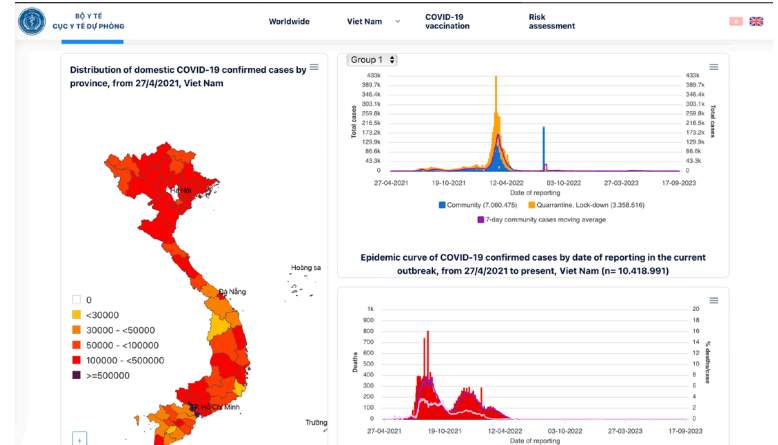 - ✓ Protect sensitive information and uphold privacy standards.

1. Coordination and development of IT applications >> 2. Deployed applications >> **3. Lessons learned.**

THANK YOU

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https://ncov.vncdc.gov.vn