THE DIGITIZATION OF CIVIL REGISTRATION AND IDENTITY MANAGEMENT SYSTEMS IN MALAYSIA

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Registration of milestone events of every individual citizen

ADOPTION

BIRTH

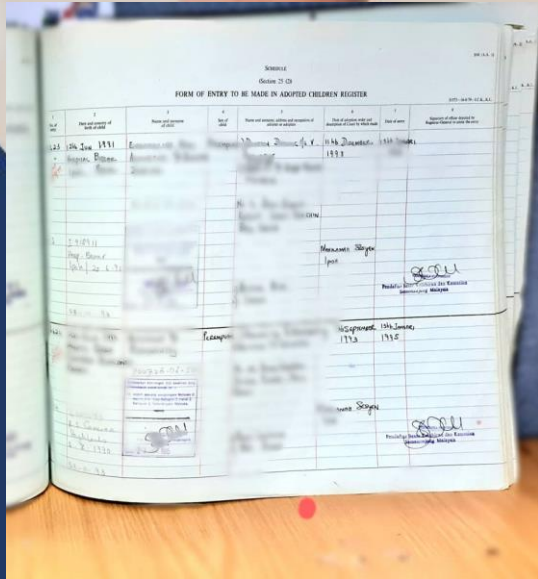CITIZENSHIP

IDENTITY CARD

DEATH

MARRIAGE

JPN

NRD DATABASE

Various type of documents

CIVIL REGISTRATION IN MALAYSIA

FROM MANUAL TO DIGITAL : EVOLUTION OF REGISTRATION SYSTEM IN MALAYSIA

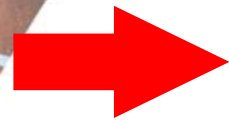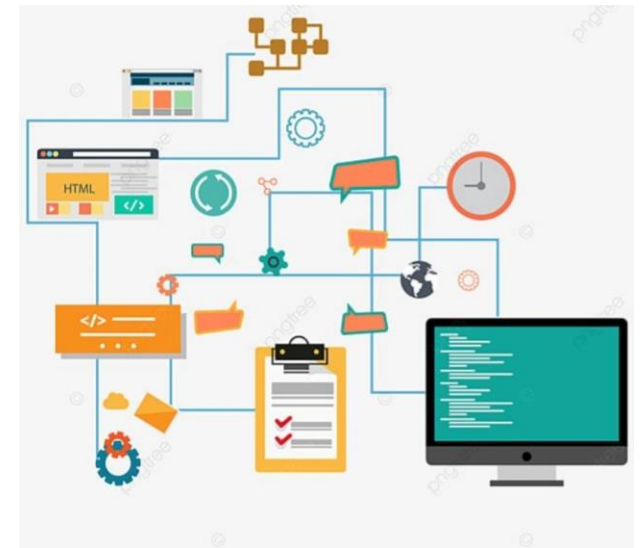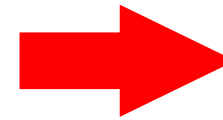*Image from freepik.com*

Ledger books

Semi-computerized system since 1990

Computerized system since 1997

APPLICATION PROCESS

Applicant & Sponsor → JPN Office → Checking Documentation → Pre-Processing → System Verification → Fingerprint of Applicant

Fingerprint of Applicant → JPN Internal System → Sponsor's Fingerprint Verification → Payment → Picture

Picture → Validation and Verification

Validation and Verification → Report → Registry → Printing
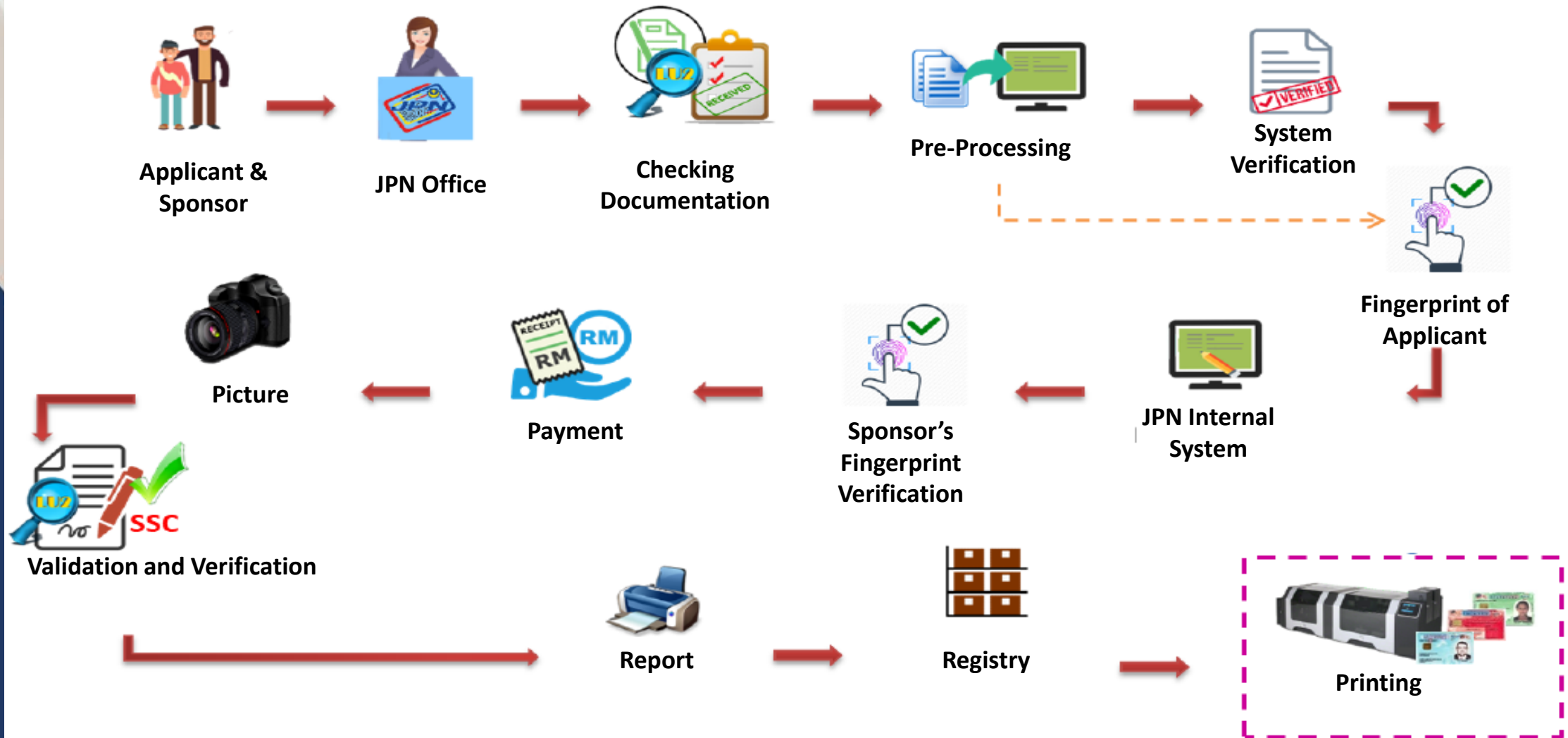
MyKad

Biometrics
- Left & right thumb
- Fingerprint template
- 598 bytes each

Unique 12 digit ID
- 12 Alphanumeric characters
- 12 bytes

Digitized Photo
- 24-bit digitized color photo
- JPEG format
- 4 Kbytes

Personal Information
- Name
- Address
- Date of Birth
- Gender
- 206 bytes

1948

Paper based
- Photo
- 1 thumb print

1960

Plastic based
- Photo
- 2 thumb print

1990

New design
- Photo
- 2 thumb print
- New IC Number

2001

Chip-based
- Photo
- 2 thumb print
- In a chip

2012

Chip-based
- Photo
- 2 thumb print
- In a chip
- New security features

EVOLUTION OF IDENTITY CARD IN MALAYSIA

VERIFICATION OF DATA: i. **myIDENTITY** **(49 Agencies)**
ii. **AGENCY LINK UP SYSTEM (ALIS)** **(22 Agencies)** **SYSTEM INTEGRATION(5 Agencies)**

POLIS DIRAJA MALAYSIA

AGENSI ANTIDADAH KEBANGSAAN

SURUHANJAYA PENCEGAHAN RASUAH

JABATAN IMIGRESEN MALAYSIA

JABATAN SUKARELAWAN MALAYSIA

Birth Integration
Ministry of Health

Death Integration
Royal Police of Malaysia
Ministry of Health
Tabung Haji

Civil Divorce Integration
High Court

Entry Permit Integration
Immigration Department

INTEGRATED SYSTEM/ COLLABORATION WITH OTHER AGENCIES

Birth Pre-Registration	Application of Extract of Birth Certificate	Application of MyKad (first issue and replacement)	Civil Marriage Registration Application
Inquiry of Marriage Assistant Registrar	Civil Divorce Update Status Check	Citizenship Application Status Checking System	Application of MyKid Status Check

SERVICES MADE AVAILABLE ONLINE

MyDIGITAL Blueprint

The Malaysian Government has formulated an initiative to transform Malaysia into a high-income nation driven by technology and digitization through the Malaysian Digital Economy Blueprint or known as the MyDigital Blueprint.

This MyDigital Blueprint was launched in February 2021

**Thrust 1 - drive digital transformation in the public sector**

NATIONAL DIGITAL IDENTITY

Develop a National Digital Identity which is a verifiable authentication platform of trust for every Malaysian resident

Digital ID will never replace an Identity Card but it is a complement to the identity identification of every citizen

To utilize current ID Card demographic data and collect fresh biometric related data for the Digital ID completeness

IDENTITI DIGITAL
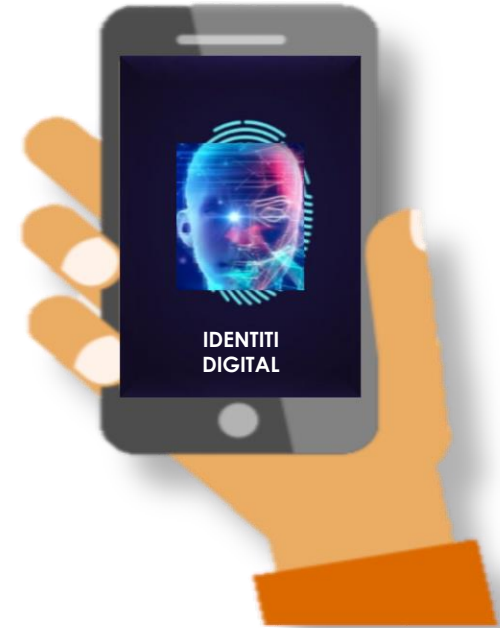
150 MILLION RECORDS

Since 2007

Involving records as early as from 1869

Target of completion : Year 2028

DIGITALIZING RECORDS

Government > < **Public**

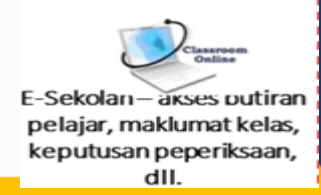Increase efficiency, reduce operating costs and save time in the identification verification process

Support contactless use cases in new normal life due to the impact of the Covid-19 pandemic

Identify identification forgery in digital service transactions

Provide value added to various service sectors

Delivery of more efficient and reliable digital services (trusted digital services')

Improvement of the quality of life of the people

IDENTITI DIGITAL

Perkhidmatan Atas Talian Kerajaan

E-Pembayaran

E-Kesihatan

E-Pengangkutan

E-Sekolah—akses butiran pelajar, maklumat kelas, keputusan peperiksaan, dll.

BENEFITS OF DIGITAL IDENTITY PROJECT

Thank You