

Citizen Identity/Information System - CIS

Draft Proposal

by

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The Problem – Identity Crises

- **Multiplicity of Identifications**
 - **Intimidating for Identity Holder**
- **Variety of Identifications**
 - **Waste of resources for issuer(s)**
- **Duplicity in Identification**
 - **Leads to misuse, manipulation and fraud**

The Problem – Identity Crises

- **Lack of Uniformity in Identification**
 - **Leads to systemic failures**
- **Lack of Co-ordination between Issuing Authorities**
 - **Error Prone and Time consuming**
- **Ease of Manipulation, misuse and Fraud**
 - **Through Duplicates, Forged and unaudited Identifications**

Why One More Identification?

- Move towards Unification
- Move towards Universal Identification
- Re-validate existing Identifications
- Create Audit Trail and Consolidation
- Eliminate redundant Identification
- Eliminate Duplicates and Forged
- Secure against Manipulations and Frauds

CIS - The Charter

To assign an unique and verifiable identity to all natural and naturalized citizens of the country to empower citizens in enjoying their constitutional rights and freedom and help them fulfill their duties toward the country and the fellow citizens.

CIS - The Vision

To establish a system which helps the state, the public and private institutes and fellow citizens to provide security, welfare and quality services to citizen without prejudice to the social, political, religious or economical status of the citizen.

CIS - The Possible Usage

- Birth and Death Records
- Educational Records
- Health and Medical Records
- Property and Financial Records
- Employment and Relationship Records
- Legal, Judicial and Criminal Records
- Travel, Migration and Domicile Records

CIS - The Design Criteria

- Should be Simple
- Should be Secure
- Should be Distributed
- Should be Open for Public Scrutiny
- Should be Hard to Manipulate and Subvert
- Should be Unique and Universal
- Should be Mandated by Law

The Implementation Process

- Create Citizen Information Authority (CIA)
- Issue of CIS Identification
- Validation / Verification
- Authentication and Relationship Web
- Linking with Other Identifications
- Elimination of Duplicates and Forged
- Creating Audit Trail
- Plugging the Loopholes

CIS - Technology Selection

- The System is Developed using FOSS Model
- The System will use Open Data Formats and Structures
- The System will use Open Access Methods and Protocols
- The System will use Open Storage and Retrieval Protocols and Standards
- The System will be low cost, easy to administer and maintain

CIS - Implementation

- **Simple Database Consist of (Mandatory)**
 - Unique Identification Number
 - Unique Identification Number and Name of Mother
 - Date and Place of Birth
- **Simple Database Consist of (Optional)**
 - Unique Identification Number and Name of Father
 - Finger Prints / Other Birth Marks / Digital Photo
 - Blood Group / DNA / Retina Pattern

Transition to CIS

- Finite Transition Period of 5 Years
- Update Other Identifications with CIS Number
- Update all other Info Systems with CIS
- Purge Duplicates in other Identifications
- Removal of Duplicates in CIS
- Plug all Loopholes in CIS
- Eliminate other redundant Identifications

References

- Website
 -
- Articles
 -
- Books and Papers
 -

Contributors

- **ILUG, Mumbai Members**
 - Rony, Siddhesh Poyarekar, Krishnakant Mane, Devdas Bhagat, Harsh Busa, Vivek, Mitul Limbani, Kenneth Gonsalves and Terrence
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