

CASE STUDY: AADHAAR





1. Planning

- Identifying people as unique by 12 digit individual identification number.
- Uniqueness can be verified against this document.
- Providing proof of identity to each and every person.
- Promoting and reinforcing standardization through the creation of enrollment software, and through a certification process for enrollment equipment, agencies, and operators.
- Covering all aspects of online individual registration process.



2. Requirements

☐ Software and Hardware Requirements

WORKSTATION

Windows XP, MS Office

- RAM-256(minimum)/512(recommended)MB
- HDD-n GB depending upon the requirement to store data minimum of 25GB.



DATABASE SERVER

OS – Win 2003 Enterprise Server , SQL Server 2005

- HDD– Min 10 GB, Recommended 25 GB
- RAM – Min 2 GB, Recommended 4 GB

APPLICATION SERVER

OS – Win 2003 Enterprise Server, IIS – Internet Information Server

- HDD – Min 5 GB, Recommended 10 GB
- RAM – Min 2 GB, Recommended 4 GB



❑ Feasibility Study

- Processing certain number of transaction at a particular speed.
- Determining benefits and savings that are expected from a proposed system.
- Fulfilling target to enroll as many as individuals in allocated budget by govt.
- Spending minimum time in registration.
- Completing project before it is too late.



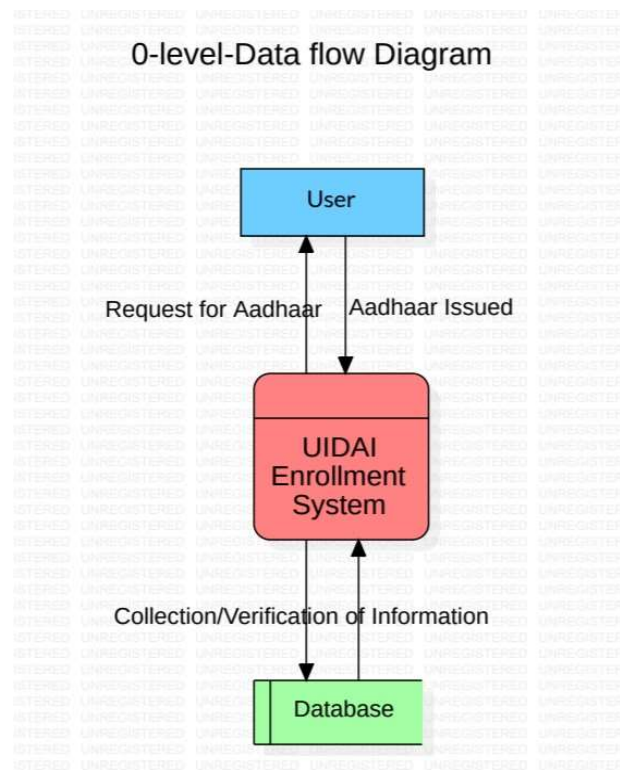
❏ Analysis

- An individual can register and login into the system any time.
- Individual will get unique identity due to its new technology i.e. biometric and demographic features.
- Any State of person can register in their own state languages.
- They can contact and ask their queries if they have.
- People must be assured of the privacy and protection of their data, the ability to exercise control and oversight over its use

3.Design



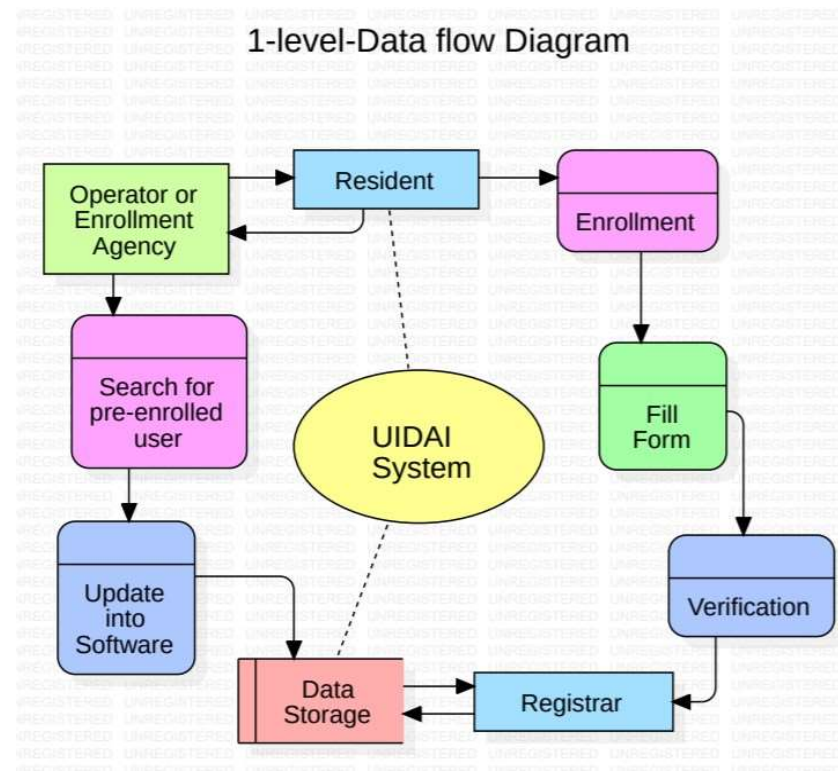
0-level-Data flow Diagram



3.Design



1-level-Data flow Diagram





4. Implementation

- Designing Logo for advertisement to create awareness in people.
- Writing code for the login form and its modules.
- Database connectivity and Dynamic webpages with the help of Java, PHP and JavaScript for validation.
- Establishing Contact and support platform.

A. FRONT END

- ❖ HTML, JavaScript
- ❖ PHP

B. BACK END

- ❖ MYSQL

5. Deployment



- Enrollment has been designed to be both free and simple, with no fee to enroll and less than 10 pieces of demographic information required.
- Private enrollment agencies are assigned work to quickly and efficiently enroll large groups of residents for Aadhaar.
- Presence of multiple registrars and enrollment agencies will help in enrollment of people in hard to reach areas..
- Once both demographic and biometric information have been captured and input into the enrollment software, an individual can leave the enrollment center.
- Once an Aadhaar number is generated, it will be printed on a letter and mailed to an individual.
- Temporary centers will enroll individuals who previously didn't have an Aadhaar number.



6. Maintenance

- Data is completely safe and secure and has robust uncompromised security.
- Servers have no linkages to the "outside world" through the Internet or any other means.
- The biometric image data is never in physical possession of biometric service provider or any of its employees at any point of time, in any case.
- Prevention of Data Leakage of a person enrolled for Aadhaar.
- Security from fraudsters who mislead Aadhaar holder and misuse their personal data.



7. Reviews and Evaluation

- The successful establishment of the project will provide lot of e-services for its users.
- Aadhaar linkages have been designed to facilitate improved access to services and benefits.
- A number of programs provide Direct Benefit Transfers through Aadhaar linkages(NGERA, Subsidies, School scholarships, Bank accounts under PMJDY (Pradhan Mantri Jan Dhan Yojana).
- Efforts are made to improve linkages of specific benefits and services to Aadhaar.
- Digi-locker, National Pension Scheme, E-health Care are some more services been linked to Aadhaar

THE END

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