

**DIGILOCKER (DIGITAL LOCKER- AMBITIOUS ASPECT OF DIGITAL
INDIA PROGRAMME.)**

Mr. Petare Purushottam Arvind,

Assistant Professor, Sanjay Ghodawat Institute,
Faculty of Management, Kolhapur.

Dr. Mohite Pratapsinh Vitthalrao,

Associate Professor, Arts & Commerce College, Ashta.

Ms. Joshi Mugdha Mukund,

Affiliation: Assistant Professor, Sanjay Ghodawat Institute,
Faculty of Management, Kolhapur.

ABSTRACT

Digital Technologies which include Cloud Computing and Mobile Applications have emerged as catalysts for rapid economic growth and citizen empowerment across the globe. Digital technologies are being increasingly used by us in everyday lives from retail stores to government offices. They help us to connect with each other and also to share information on issues and concerns faced by us. In some cases they also enable resolution of those issues in near real time. Digital Locker is one of the ambitious aspects of Digital India Programme. Thus this paper takes an overview about what is all about Digital India with its nine pillars, challenges & changes. Further this paper explain digilocker i.e. digital locker concept with features, objectives of digital locker, & creating a digilocker Account with example.

KEYWORDS: Digital India, Features, Objectives of Digital Locker, & Creating an Account.

INTRODUCTION: **Digital India** is an initiative of Government of India to integrate the government departments and the people of India. It aims at ensuring the government services are

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made available to citizens electronically by reducing paperwork. The initiative also includes plan to connect rural areas with high-speed internet networks. Digital India has three core components. These include: The creation of digital infrastructure, delivering services digitally and Digital literacy.

The project is slated for completion by 2019. A two-way platform will be created where both the service providers and the consumers stand to benefit. The scheme will be monitored and controlled by the *Digital India Advisory group* which will be chaired by the Ministry of Communications and IT. It will be an inter-ministerial initiative where all ministries and departments shall offer their own services to the public Healthcare, Education, Judicial services etc. The Public-private-partnership model shall be adopted selectively. In addition, there are plans to restructure the National Informatics Centre. This project is one among the top priority projects of the Hon.Narendra Modi Administration. Digital India is a Programme to prepare India for a knowledge future and the focus is on being transformative – to realize IT + IT = IT that is the focus is on making technology central to enabling change. It is an Umbrella Programme—covering many departments. It weaves together a large number of ideas and thoughts into a single, comprehensive vision so that each of them is seen as part of a larger goal. Each individual element stands on its own. But is also part of the larger picture. It is coordinated by DeitY, implemented by the entire government .The weaving together makes the Mission transformative in totality. The Programme pulls together many existing schemes. These schemes will be restructured and refocused. They will be implemented in a synchronized manner. Many elements are only process improvements with minimal cost. The common branding of programmes as Digital India highlights their transformative impact.

NINE PILLARS OF DIGITAL INDIA:

1. Broadband Highways. 2. Universal Access to Phones. 3. Public Internet Access Programme. 4. E-Governance –Reforming government through Technology 5. eKranti – Electronic delivery of services 6. Information for All 7. Electronics Manufacturing – Target NET ZERO Imports 8. IT for Jobs 9. Early Harvest Programmes.

CHALLENGES & CHANGES NEEDED:

- Program on this scale never conceived.
- Each Pillar/program has own challenges
- Human Resource Issues :- NIC -not equipped for a fraction of this task (obsolesce) - needs revamping & restructuring . DeitY –needs program managers at least 4 more officers at senior levels. Ministries –Need a Chief Information Officer / Chief Technology Officer (CIO/CTO). Could begin with CIOs 10 major Ministries .Can be anyone – from within or outside government To be patterned as

AS & FAs –dual reporting

- Financial Resource Issues:- Mostly structured around ongoing programs : Better focus, need some restructuring. Some others are process improvements or better utilization of resources. A few new programs may be needed.– particularly in Electronics manufacturing and Skill Development.
- Coordination Issues: Program covers many other departments. Need commitment and effort. Leadership and support critical for success.

DIGITAL LOCKER/ DIGILOCKER:

DigiLocker is one of the key initiatives under the Digital India Programme. This was released by the Department of Electronics and Information Technology (DeitY), Govt. of India in February 2015 to provide a secure dedicated personal electronic space for storing the documents of resident Indian citizens. The storage space (maximum 10 MB) is linked to the Aadhar number of the user. The space can be utilized for storing personal documents like University certificates, PAN cards, voter id cards, etc., and the URI's of the e-documents issued by various issuer departments. There is also an associated facility for e-signing documents. The service is intended to minimize the use of physical documents and to provide authenticity of the e-documents. It will also provide secure access to Govt. issued documents. It is also intended to reduce administrative expenses of Govt. departments and agencies and to make it easy for the residents to receive services.

WHAT ARE THE KEY BENEFITS OF DIGITAL LOCKER?

Digital Locker will provide secure access to Government issued documents. It uses authenticity services provided by Aadhar. Digital Locker will minimize the use of physical documents by use of the electronic documents. It is easy to validate the authenticity of these documents as they will be issued directly by the registered issuers. Digital Locker will reduce the administrative overhead of Government departments and agencies created due to paper work. It will also make it easy for the residents to receive services by saving time and effort as their documents will now be available anytime, anywhere and can be shared electronically.

FEATURES OF DIGITAL LOCKER:

- You can upload pdf, JPG, JPEG, png, bmp, and GIF types of files.
- URI or Uniform Resource Indicator is an authentication of your loaded documents from respective department or agencies. For example Income Tax Department will verify your PAN. After verification, you will only see the URL not the image. You just need to click and share with the agency of your choice while sharing.
- You can access it anywhere and at any point of time.
- You can download your eAadhar also.
- It is linked to your Aadhar Card Number.
- Currently you can store up to 10MB of space. However, later on it will be increased to 1GB.

OBJECTIVES DIGITAL LOCKER:

The following are the objectives of the DigiLocker system.

- Enable digital empowerment of residents by providing them with Digital Locker on the cloud
- Enable e-Signing of documents and make them available electronically and online minimize the use of physical documents
- Ensure authenticity of the e-documents and thereby eliminate usage of fake documents
- Secure access to Govt. issued documents through a web portal and mobile application for residents
- Reduce administrative overhead of Govt. departments and agencies and make it easy for the residents to receive services
- Anytime, anywhere access to the documents by the resident
- Open and interoperable standards based architecture to support a well-structured standard document format to support easy sharing of documents across departments and agencies
- Ensure privacy and authorized access to residents' data.

COMPONENTS OF DIGITAL LOCKER:

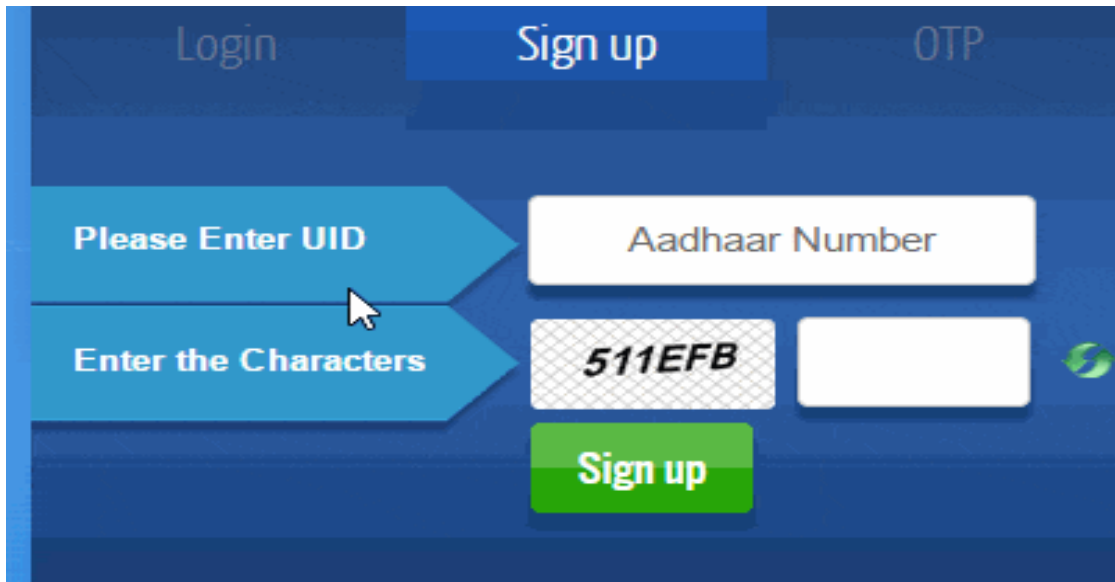
- **Repository** is a Collection of e-Documents which are uploaded by issuers in a standard format and exposing a set of standard APIs for secure real-time search and access.
- **Access Gateway** provides a secure online mechanism for requesters to access e-documents from various repositories in real-time using e-Documents URI (Uniform Resource Indicator). The URI is a link to the e-Documents uploaded by an issuer in a repository. The gateway will identify the address of the repository where the e-Documents is stored based on the URI and will fetch the e-Documents from that repository.

STAKEHOLDERS OF DIGITAL LOCKER :

- **Issuer**-These are the agencies or Govt organizations, which have rights to issue particular documents. Like IT Department for PAN Card, concerned school or college for your education certifications, Election Commission for Voter ID or state government which issues driving licence.
- **Requester**-Agency which requesting the documents from you. For example, when you apply for further studies, then the college or university may ask you earlier documents.
- **Resident**-It is you, in whose name the documents are issued.

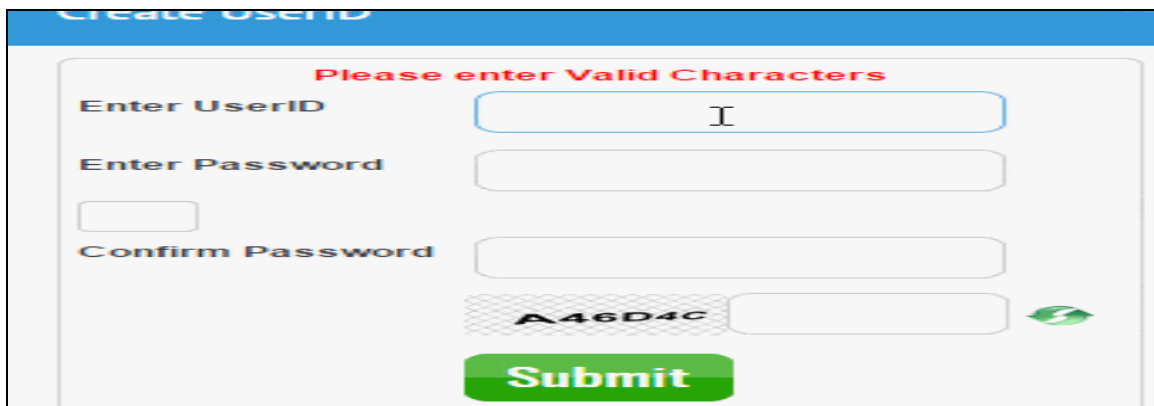
HOW DOES DIGILOCKER WORK? HOW TO CREATE YOUR ACCOUNT IN DIGILOCKER?

- Visit to DigiLocker site. You need Aadhar Card and Phone number. Aadhar card is the mandatory document. Phone number is must to receive the OTP (One Time Password) while creating login. Below image will give you an idea.



The image shows a 'Sign up' form with a dark blue background. At the top, there are three tabs: 'Login', 'Sign up' (which is highlighted), and 'OTP'. Below the tabs, there are two blue arrows pointing right. The first arrow contains the text 'Please Enter UID' and points to a white input field labeled 'Aadhaar Number'. The second arrow contains the text 'Enter the Characters' and points to a CAPTCHA box showing the characters '511EFB'. Below the CAPTCHA is a green 'Sign up' button. There is also a small globe icon to the right of the CAPTCHA box.

- Once you do this then the below pop up will show you to enter your email id (which will be your user id) and password. The process will be as below.



The image shows a 'Create UserID' form with a light blue header. Below the header, there is a red error message: 'Please enter Valid Characters'. The form has three input fields: 'Enter UserID' (containing the character 'I'), 'Enter Password', and 'Confirm Password'. Below the 'Confirm Password' field is a CAPTCHA box showing the characters 'A46D4C'. At the bottom of the form is a green 'Submit' button. There is also a small globe icon to the right of the CAPTCHA box.

- Once this process is over then the screen looks like below, where you can upload the documents of your choice.

The screenshot displays the DigiLocker Beta interface. At the top, it features the Government of India logo and the text 'DigiLocker Beta' and 'Department of Electronics & Information Technology (DeitY) Ministry of Communications & IT, Government of India'. A navigation bar includes 'Home', 'My Certificates', 'My Profile', 'My Issuer', 'My Requester', 'Directories', 'Resources', 'FAQs', 'Contact Us', and 'Logout'. The main content area is divided into two sections: 'Digital Documents' and 'Upload Documents'. The 'Digital Documents' section shows a table with columns 'Sr. No.', 'URI', 'Certificate Name', 'Issued Date', and 'Share', with a single row containing 'NIL'. The 'Upload Documents' section shows a table with columns 'Sr. No.', 'Document Name', 'Uploaded Date', 'Status', 'Action', 'Details', 'Share', and 'DigiSign'. A red box highlights the first row of this table, which contains the following data: '1', 'Wife's Aadhar Card', '25/02/2015', 'Details Not Verified', 'Remove', 'NA', 'Share', 'DigiSign'. A red arrow points to this row with the text 'Uploaded file details'. To the right of the table is a form for uploading documents, including a 'Select Document' dropdown, a 'Choose File' button, a description field, and an 'Upload' button. The form also shows '9.85 MB free of 10 MB' and a note: 'Note: All the Images would be converted to pdf.'

more details about this screen.

- 1) **My Certificates**-It contains two types. One is “Digital Documents”, which are verified by respective issuer, and other documents are listed in “Uploaded Documents”.
- 2) **My Profile**-This section displays the full profile of what is available in Aadhar Card.
- 3) **My Issuer**-This section list all the documents, which are issued to this individual.

4) **My Requester**-This section list all the agencies which requested the documents by an individual.

5) **Directories**-This list all the issuers and requester with their link.

Currently in India DigiLocker Users are 426092, with 225731 documents.

Top Three States:

Uttar Pradesh - 49813

Madhya Pradesh - 34501

Andhra Pradesh - 32628

CONCLUSION

“Let us join this mass movement towards Surajya, realise the hopes and aspirations of the people and take India to greater heights” as our Hon. Prime Minister’s Mr.Narendra Modi said and this can be happen only with the help of Digital Technologies. The objective of the Digital India Group is to come out with innovative ideas and practical solutions to realise Hon’ble Prime Minister Narendra Modi’s vision of a digital India. Prime Minister Modi envisions transforming our nation and creating opportunities for all citizens by harnessing digital technologies. And Digital Locker is one ambition which will come up with best practices from around the world to make this vision of a digital India a reality.

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