



Handles in MOSIP

Tailoring Usernames to
Unique Needs

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Challenges Faced as a User

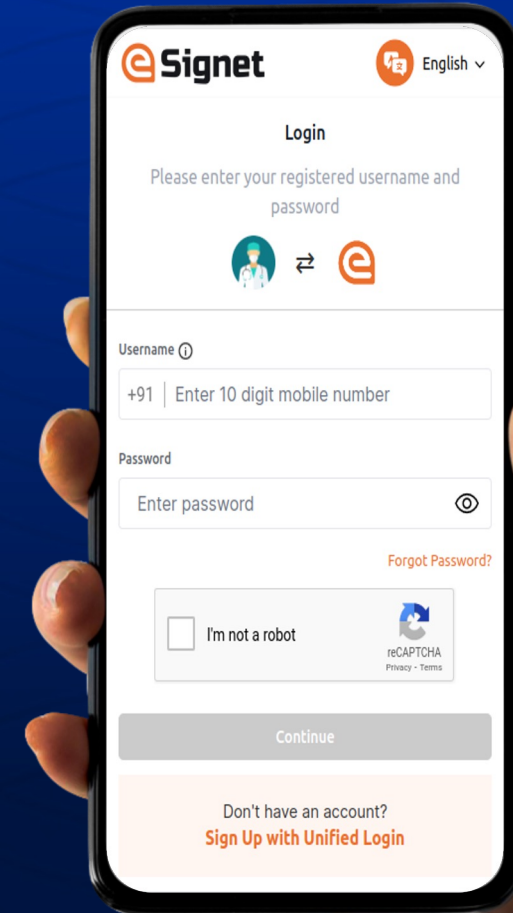
- 01** System generated long numerical IDs are tough to remember, mandates user to carry or store copy of the ID card.
- 02** Worried about losing privacy of the System generated ID.
- 03** Too much profiling with existing ID? Can user deactivate old ID and create new ID without re-registration?
- 04** Signup or register to a new system, a new ID to remember.
- 05** Can user login to different service provider portals each with different ID, all mapped to the same user account?
- 06** Can user create personalised ID mapped to his or her user account?





Introducing Handles

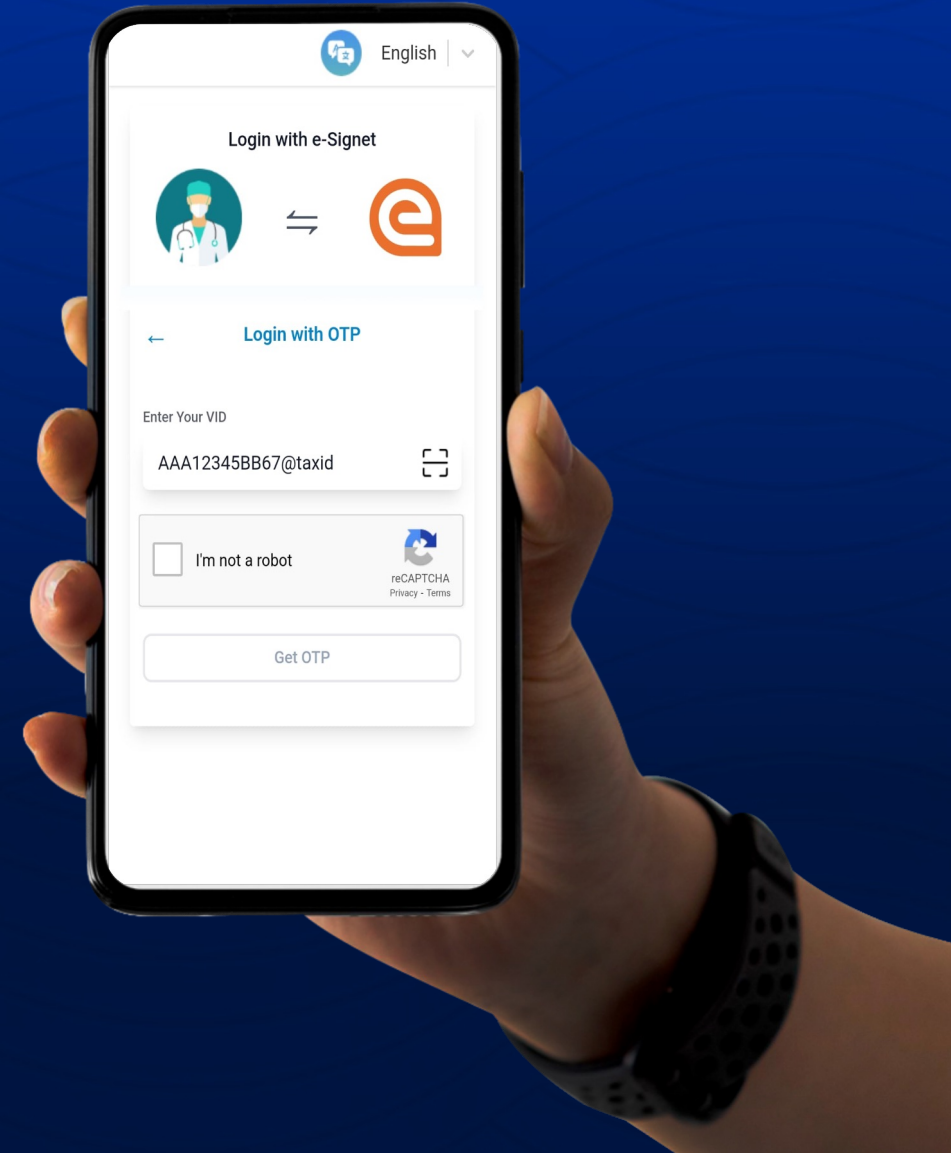
- Identifier data that is used to uniquely locate a user in the system
- Typically easy to remember and frequently used
- Since it is revocable they provide strong privacy by default
- Allows movement to a new handle without losing any history of their transactions
- Virtual ID (VID) being revocable it is also positioned as a handle
- Any existing Functional / Sectoral / National ID can be linked and utilised as handles
- Phone numbers and email Ids can also be used as handles if unique
- Multiple handles can be mapped to a single account





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Benefits

- 01** Enhances **security** or **privacy** since it allows revocation of existing handles and seamless movement to new handles
- 02** Brings in **flexibility** for the user to choose any handle from a available list of handles
- 03** Improves **user convenience** when a country moves from existing ID system to MOSIP based ID system, old system IDs can be added as handles and reused
- 04** Promotes **inclusivity** indirectly by allowing support for multiple handles





MOSIP

MOSIP Homepage: www.mosip.io

MOSIP Source Code: github.com/mosip

MOSIP Documentation: docs.mosip.io

MOSIP Community: community.mosip.io