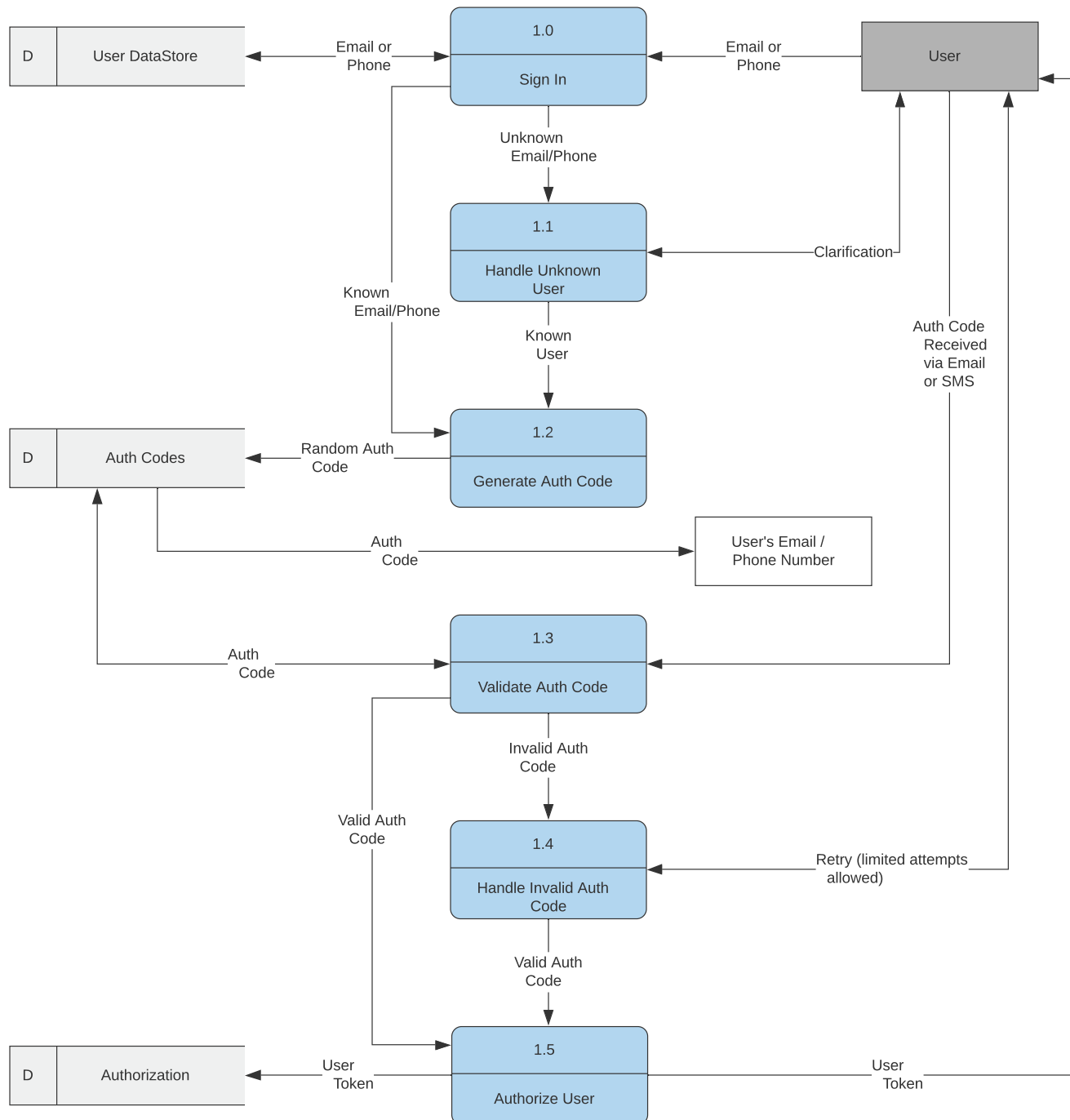# User Authorization Data Flow

Ben Dolman - CTO, Hit Labs, Inc. | March 23, 2020

Process for authorizing a user via an email or phone number

D | User DataStore

1.0
Sign In

User

Email or Phone

Email or Phone

Unknown Email/Phone

1.1
Handle Unknown User

Clarification

Known Email/Phone

Known User

D | Auth Codes

1.2
Generate Auth Code

Random Auth Code

Auth Code Received via Email or SMS

Auth Code

User's Email / Phone Number

1.3
Validate Auth Code

Auth Code

Invalid Auth Code

Valid Auth Code

1.4
Handle Invalid Auth Code

Retry (limited attempts allowed)

Valid Auth Code

D | Authorization

1.5
Authorize User

User Token

User Token

User Provisioning Data Flow

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Users added to the system through an external provisioning system, or
manually created by an org admin.

D	Pronto Sync Server

1.0

Setup User/Group Provisioning

Org Admin

Authorization Keys

Provide Authorization Keys

1.1

Perform Sync

Periodic Sync Job

D	User/Group DataStore

Sync Users/Groups

2.0

Add User Manually

User details