

New NextGate Auth & Onboarding Flow UI (DEPRECATED)

1. Sign Up Flow

Path A: Phone User

Enter phone number

|

▼

Verify OTP

|

▼

Enter age & name

|

▼

Pick username

|

▼

Pick interests (min 3)

|

▼

Profile setup (optional)

|

▼

Home Feed

(device registered)

— Post-onboarding —

Soft nudge to add email

(banner only, never blocking)

Path B: Email User

Enter email address

|

▼

Verify OTP

|

▼

Enter age & name

|

▼

Pick username

|

▼

Verify phone number ← REQUIRED (Identity)

|

▼

Pick interests (min 3)

|

▼

Profile setup (optional)

|

▼

Home Feed

(device registered)

Path C: Google / Apple OAuth

Tap Google / Apple

|

▼

OAuth authorize

|

▼

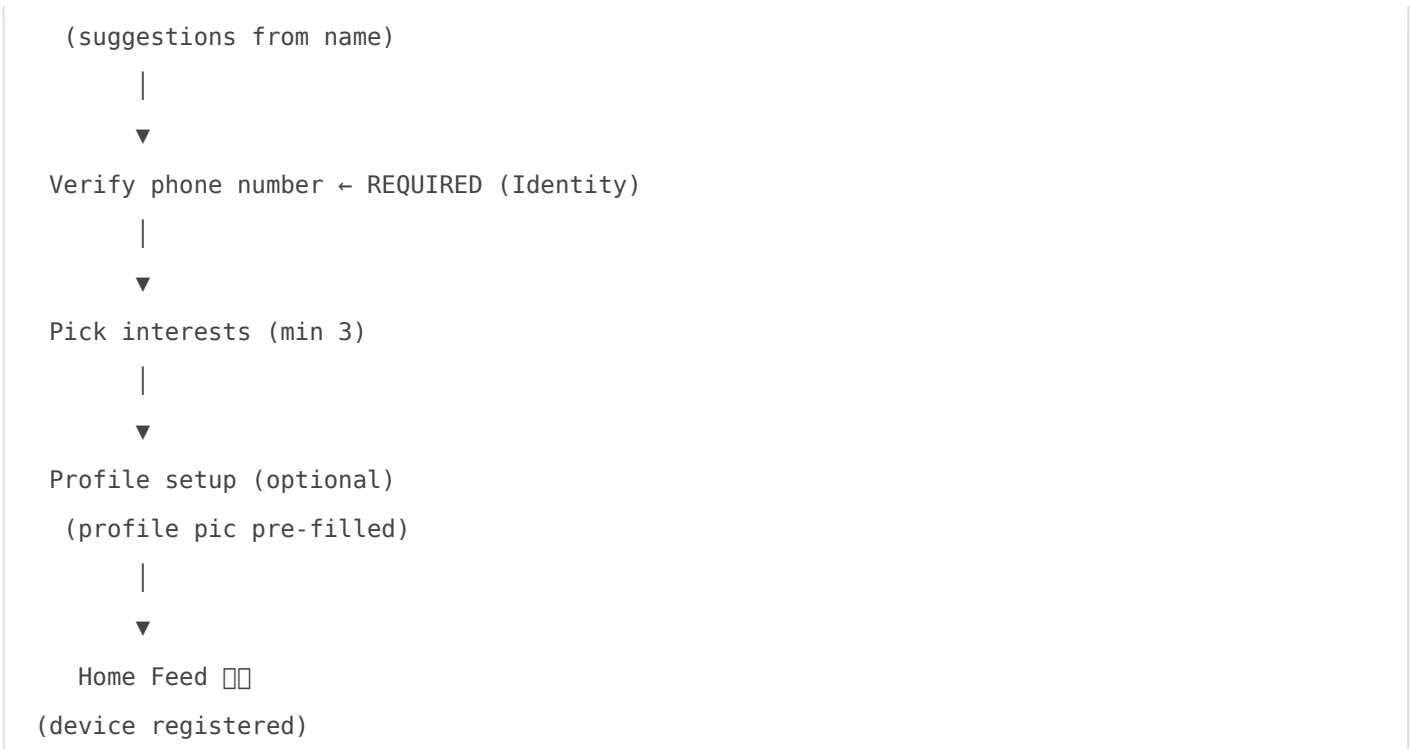
Enter age & name

(pre-filled from OAuth)

|

▼

Pick username



2. Onboarding Steps Detail

Step Summary

#	Step	Applies To	Endpoint
0	OTP / OAuth entry	All	<code>/auth/start</code> + <code>/auth/verify</code> OR <code>/auth/login/oauth</code>
1	Age & name	All	<code>/auth/onboarding/age</code>
2	Username	All	<code>/auth/onboarding/username</code>
3	Contact verify (PHONE)	Email + OAuth only	<code>/auth/onboarding/contact/initiate</code> + <code>/contact/verify</code>
4	Interests	All	<code>/auth/onboarding/interests</code>
5	Profile	All	<code>/auth/onboarding/profile</code>

Contact Verification Rule

Signup Method	Required Contact	Reason
Phone	Email (optional, post-onboarding)	Phone = real identity, M-Pesa already linked

Signup Method	Required Contact	Reason
Email	Phone (blocking)	Needed for M-Pesa payments
Google / Apple	Phone (blocking)	OAuth gives email, phone still required for payments

Onboarding Step Sequence

Phone user:

INITIATED → OTP_VERIFIED → AGE_VERIFIED → USERNAME_SET → INTERESTS_SELECTED →
PROFILE_COMPLETED → COMPLETED

Email / OAuth user:

INITIATED → OTP_VERIFIED → AGE_VERIFIED → USERNAME_SET → CONTACT_VERIFIED → INTERESTS_SELECTED
→ PROFILE_COMPLETED → COMPLETED

Token Expiry

Token	Expiry	Purpose
onboardingToken	7 days	Active onboarding flow, resets each step
onboardingRefreshToken	30 days	Safety net if token expires mid-flow
accessToken	Configured	Normal app access
refreshToken	Configured	Access token rotation

3. Contact Verification — Inline UX (3 states, 1 page)

STATE A – Input

```

| _____ |
|  ☐☐Add your phone number  |
| _____ |
| Your email j•••••@g•••••.com ☐ |
| _____ |

```

```

| We need your phone for: |
| • Offline notifications |
| • Account security & recovery |
| |
| Phone: [+255_____] |
| [Send Code →] |
└──────────────────────────┘

```

STATE B – OTP Input

```

┌──────────────────────────┐
| Enter code sent to ... ..50 |
| |
| [_] [_] [_] [_] [_] [_] |
| |
| [Edit number] Resend (60s) |
└──────────────────────────┘

```

STATE C – Edit (tapping [Edit number] transforms inline)

```

┌──────────────────────────┐
| New number: [+255_____] |
| [Send new code →] [Cancel] |
└──────────────────────────┘

```

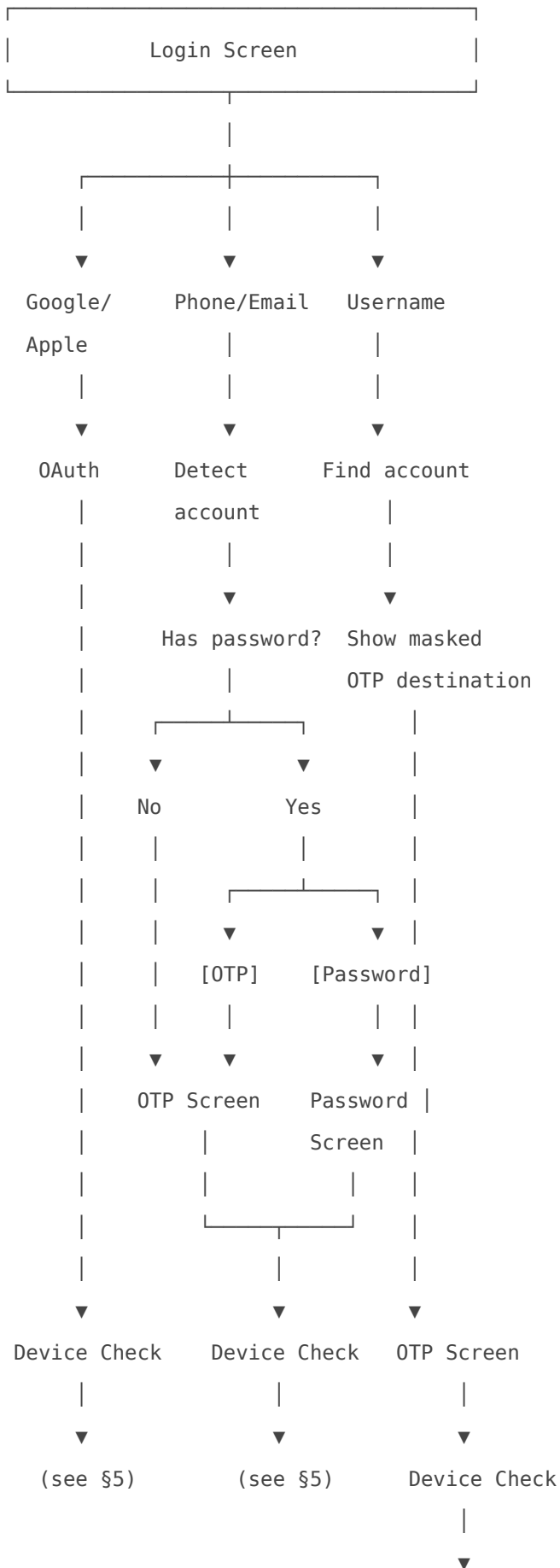
“ Previous OTP invalidated immediately on edit. No page navigation — single page, three inline states.

4. Login Flow

Identifier Detection

Input pattern	Detected as
Starts with +	Phone
Contains @ + domain	Email
Otherwise	Username

Complete Login Flow



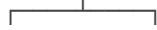
5. Device Trust Check

After Authentication

User Authenticated



Is Device Known?



Yes



No



Home Login Method?



OTP



Home OTP

Required



Verify



Password



OTP

Required

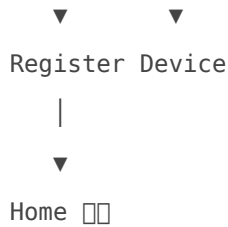


Verify



OAuth





Device Trust Rules

Login Method	New Device Action	Reason
OTP	None	OTP = already verified
Password	Require OTP	Password could be stolen
OAuth	Require OTP	Token could be compromised

6. Risk Scoring

Signal	Low Risk	High Risk
Location	Same country	New country
Device	Similar OS	Different OS
IP	Normal	VPN / Proxy
Account	Active	Dormant
Time	Normal hours	Unusual hours

Action by Risk

Risk Score

|


├── Low Risk → Soft verify (email link, approve from known device)

|

└── High Risk → Phone OTP required

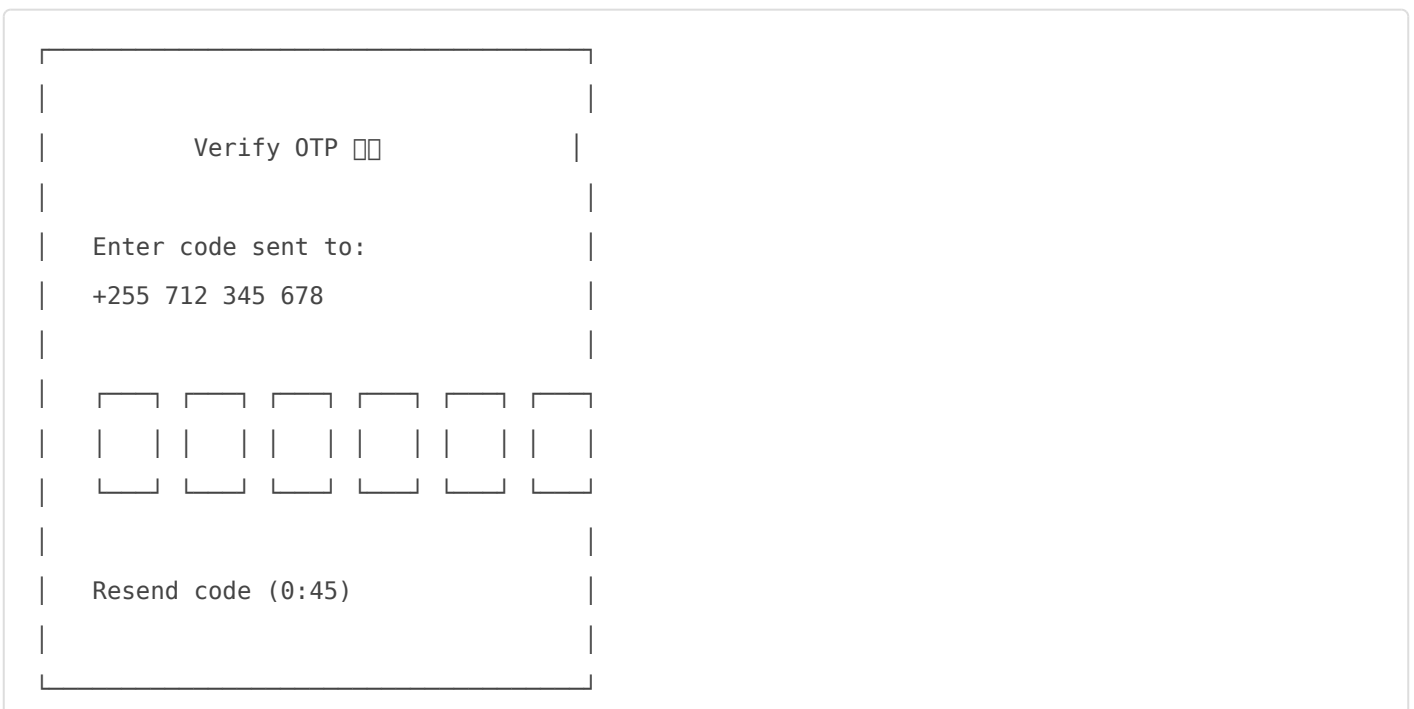
7. UI Screens

Sign Up Screen



Wireframe of a Sign Up screen. The screen is enclosed in a dashed border. At the top, it says "Create Account" followed by a small icon. Below that is a text input field labeled "Phone or Email". Underneath is a "Continue" button. A separator "— or —" is centered below the button. Below the separator are two social media icons labeled "[Google]" and "[Apple]". At the bottom, there is a link that says "Already have account? Login".

OTP Verification Screen



Wireframe of an OTP Verification screen. The screen is enclosed in a dashed border. At the top, it says "Verify OTP" followed by a small icon. Below that is the text "Enter code sent to:" followed by the phone number "+255 712 345 678". Underneath is a row of six input boxes for the OTP code. Below the input boxes is a "Resend code (0:45)" button.

Age & Name Screen

```
|
|   Let's get started  []
|
| First name:
| [ John
|
| Last name:
| [ Doe
|
| Date of birth:
| [ 1999 / 05 / 15
|
| [ Continue
|
```

Username Screen

```
|
|   Pick Username  []
|
| [ @johndoe99
|
| [ @johndoe99 is available
|
```

Suggestions:

@johndoe_tz @jdoe99 @the_john

Continue

Contact Verification Screen (Email/OAuth users only)

Add your phone number ☐☐

Your email j•••@g••••.com ☐

Needed for:

- SMS reminders
- Account security and recovery

+255 _____

Send Code

Interests Screen

Pick Your Interests ☐☐

(at least 3)

Fashion	Tech	Music
Sports	Food	Gaming
Travel	Art	Fitness
Continue		

Profile Setup Screen

Complete Profile <input type="checkbox"/>
(optional)
<input type="text"/>
Add photo
Display name:
<input type="text" value="John Doe"/>
Bio:
<input type="text" value="Music lover Dar es Salaam 🇲🇵🇲🇵🇲🇵"/>

Complete

Skip for now

Login Screen

Welcome Back

Phone, email, or username

— or —

Don't have account? [Sign up](#)

Login Method Choice (if password exists)

How do you want to login?

Use password

OTP Destination Choice (username login)

Send OTP to:

-45
- j.....@g.....com

Send OTP

New Device Detected

New device detected

For your security, verify it's
you with a one-time code.

-45
- j.....@g.....com

Send OTP

8. Security Settings (Post-onboarding)

Security Settings

Phone

+255 712 XXX XXX Verified

Email

Not added [\[Add now\]](#) ← phone users see this

Add email for ticket delivery

Password

Not set [\[Add\]](#)

Optional extra security

Linked Accounts

Google	Not linked	[Link]
Apple	Not linked	[Link]

9. Summary

Sign Up

Path	Steps
Phone	OTP → Age → Username → Interests → Profile → Home
Email	OTP → Age → Username → Verify Phone → Interests → Profile → Home
OAuth	Authorize → Age → Username → Verify Phone → Interests → Profile → Home

Login

Has Password?	Options
No	OTP only
Yes	Choose: OTP or Password

Device Verification

Login Method	New Device Action
OTP	None (OTP = verification)
Password	OTP required
OAuth	OTP required

Post-Onboarding Nudges (Phone users)

Feature	Requires Email?	Behaviour
Browse feed	No	Free
Buy ticket	No	Free
Receive ticket via email	Yes	Nudge to add email
Account recovery	Yes	Nudge to add email

Revision #7

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