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Mobile Number Authentication for Login

Prerequisites:
- The Henkel Mobile application is downloaded
- The internet is enabled

+ Acceptance Criteria:
- As a client user I will be able to access Henkel app, then enter Mobile number for authentication:
  - o As a client user it is mandatory to select 'Country code' from deployed list of countries configured in 'Managed Countries' configuration in Admin Portal.
  - o As a mobile application the 'Country Flag- Country Code' drop down list is provided for countries at which this app can be utilized. A client user should enter 'Mobile Number' for verification as per set mobile Lines validations at Portal for this country.
- As a client user when pressing the 'Authenticate' button, the application will validate the credibility of this number at the set country, as per certain configuration at Admin Portal.
- The app will send an SMS with the authentication OTP to be used to complete mobile number authentication.
- As a mobile application there will be a 'Resend OTP' link under the OTP field to use it if you did not receive the OTP or if it is expired for any reason.
- As a mobile application, during login the country "Terms & Conditions" will be displayed for review by client users to accept or not. The client user should click Agree so that the system can redirect him/her to the Registration Data screen. In case the client user pressed Disagree so the user cannot proceed in the application. An info message will be displayed upon disagreeing to terms & conditions to inform the client user that accepting terms & conditions is required before registration & login.
  - You should 'Agree' to stated 'Terms & Conditions' to use Henkel App
  - ينبغي النقر على الموافقة على "الشروط والأحكام" لإستخدام تطبيق "هنكل"
- After first Login, the mobile application will display a placeholder that "Client user has already Agreed to Terms and Conditions" under the Enter OTP field.

+ Expected Results:
- This client user mobile number is authenticated, and the user is redirected to Accept the 'Terms & Conditions' set for this application at the selected country. Accordingly, upon accepting the client user will be redirected to the registration data page.

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- The app database will record this mobile number after authentication to be remembered during registration process and during future login attempts from this device or any other device.

- In case client use did not accept terms & conditions a relevant info message will be displayed to inform user that s/he cannot proceed.

- A client user can click 'Resend OTP'.

+ Dependencies:

- Registration Data: According to selected 'Country Code' the app will select the relevant 'Country' at the registration data.

User Registration & Login

+ Prerequisites:

- The Henkel Mobile application is downloaded
- The internet is enabled
- User mobile number is authenticated, and Client user has 'Accepted Terms & Conditions'.

+ Acceptance Criteria:

- As a client user I will open the mobile application and attempt to Register for the first time after authentication.

- The following registration data will be displayed for completion, mainly mandatory fields should be completed: As a mobile app the authenticated mobile number will be displayed at the top:

Field

First Name	Data Type	Mandatory	Is Unique	Data View
	String	Yes	Not Unique	Editable via Profile upon clicking on Avatar
Last Name	String	Yes	Not Unique	Editable via Profile upon clicking on Avatar
Gender	List (Male / Female / ☐ Other (If enabled at this country)	Yes	Not Unique	No default Value – May display 3rd option as per Country

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				Configuration
*Birthdate	Date	Yes	Not Unique	Select (dd/mm/yyyy)
Country	String (Country Flag Icon display)	Yes (Specified as Not Unique per selected country code)		Dimmed - Detected by entered country code at authentication page
City	List	Yes	Not Unique	Filtered list as per country
Region	List	Not Mandatory	Not Unique	Filtered list as per city
**Email	String	Not Mandatory	Unique	Editable Edit via Profile upon clicking on Avatar
***Referral Code	String	Not Mandatory	Unique	Entered once during registration

- *Birthdate should be traced at the backend to be compared with stated 'Minimum Age for Registration' as dictated at the relevant country configuration in Admin Portal 'Manage Countries' screen. to validate the client user age. For example, some countries restrict users are not less than (9) or (14) years old.

- **Email should be verified that it is a valid email address with an @ special character.

- ***Referral code: is a unique code shared by another application user (on any Tier) who recommends the application. Accordingly, the user who provided the referral code - with this new user - will be granted additional Tickets/Coins for referring & recommending the application and its products. Then, the client user who granted this referral code will receive a relevant notification for the granted reward because a friend client user used this referral code successfully.

- As a client user who finalized specifying registration data, click 'Register' button to complete the process:

    1. Upon saving the registration data successfully, at least mandatory ones, then the application will send an SMS is sent via (country set Mobile Lines) to confirm client user identity, then the client user will be redirected to the App "Home" screen.

    2. If a user didn't continue the registration process for any reason, then the client user mobile number is saved in the database. Upon the client user

next attempt to register, then user is redirected to complete 'Registration Data'.

- Upon a successful login, the user can use the app and will stay logged in until s/he logs out.
- This client user can access the app via multiple devices using the same registered mobile number; yet only logged In at one device at a time.
- Registration & account activation provides one time coins reward, defined based on collected data value configured at admin portal.

+ Expected Results:

- This user is fully registered at the app.
- User can use the app any time after the first login, as s/he will stay logged in until 'log out' takes place or if login takes place at another device.
- The application database will record this mobile number after authentication to be remembered during registration process and during future login attempts from this device or any other device.

- The user is redirected to the App "Home" page.
- Coins (Tickets) Reward is provided for this new user after his/her first login.
- In case multi-device login takes place, the user will automatically be logged out from the other device; except the one currently used.
- In case a 'Referral Code' was entered by this new user, then the other user who recommended the app and shared this code will be rewarded accordingly on his/her account on the app. --- *A Notification will be sent to this user recommending the App when the friend download the app to congratulate his/her with rewarding coins.*

+ Dependencies:

- Dashboard Rewards & Coins at this user profile.
- Backend/the Application will Display 'Referral Code' for this client user to share it with other Henkel App potential client users.
- Referral code provided by a friend client user