PROJECT NAME - LIFE PERIOD

Test Case ID: 001

Test Priority (Low/Medium/High): Medium

Module Name: Function to convert age.

Description: Analyze and validate the age-to-life conversion.

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Test Designed date: 17/09/2020

Test Executed by: Anderson Fernandes

Test Execution date: 21/03/2020

Story: A developer set to convert number to text.
A developer needs to write a function for an age converter (integer number) in life span (text).

Functionality 1: Convert numbers to text (age to lifespan) to save users' ages in contact groups.

Scenario: Return INVALID, if the age is zero.

Given: User enters the age record flow
And answer the age with the number 0.
When: run the code with conversion algorithm (number to text)
Then: should return INVALID, “This is not a valid age” message appears to the user, and a new registration flow starts reminding the user that the age must be greater than 0.

Functionality 2: Convert numbers to text (age to lifespan) to save users' ages in contact groups.

Scenario: Return CHILDREN, if the age is greater than zero and less than 16.

Given: User enters the age record flow
And the answer is 1 year.
When: run the code with conversion algorithm (number to text)
Then: should return CHILDREN, “Your age has been saved” message appears to the user, and registration flows over.

Functionality 3: Convert numbers to text (age to lifespan) to save users' ages in contact groups.

Scenario: Return CHILDREN, if the age is greater than zero and less than 16.

Given: User enters the age record flow
And answer the age with a number 15.
When: run the code with conversion algorithm (number to text)
Then: should return CHILDREN, “Your age has been saved” message appears to the user, and registration flows over.

Functionality 3: Convert numbers to text (age to lifespan) to save users' ages in contact groups.

Scenario: Return ADULT, if the age is greater than or equal to 16 and less than 60.

Given: User enters the age record flow
And answer the age with a number 16.
When: run the code with conversion algorithm (number to text)
Then: should return ADULT, “Your age has been saved” message appears to the user, and registration flows over.

Functionality 4: Convert numbers to text (age to lifespan) to save users' ages in contact groups.

Scenario: Return ADULT, if the age is greater than or equal to 16 and less than 60.

Given: User enters the age record flow
And answer the age with a number 59.
When: run the code with conversion algorithm (number to text)
Then: should return ADULT, “Your age has been saved” message appears to the user, and registration flows over.

Functionality 5: Convert numbers to text (age to lifespan) to save users' ages in contact groups.

Scenario: Return OLDER PEOPLE, if the age is greater than or equal to 60.

Given: User enters the age record flow
And answer the age with a number 60.
When: run the code with conversion algorithm (number to text)
Then: should return OLDER PEOPLE, “Your age has been saved” message appears to the user, and registration flows over.

Functionality 6: Convert numbers to text (age to lifespan) to save users' ages in contact groups.

Scenario: Return OLDER PEOPLE, if the age is greater than or equal to 60.

Given: User enters the age record flow
And answer the age with a number 61.
When: run the code with conversion algorithm (number to text)
Then: should return OLDER PEOPLE, “Your age has been saved” message appears to the user, and registration flows over.

Extra functionality to prevent invalid ages: *There should be an age limit, avoiding unreachable ages.*

Scenario: Return INVALID, if the age is greater than 116 years.

Given: *User enters the age record flow*
And responds to age with a number 117.
When: *run the code with conversion algorithm (number to text)*
Then: *should return INVALID, “This is not a valid age” message appears to the user, and a new registration flow starts reminding the user that the age must be equal or less than 116.*