# **Feature Exploration for SmartCare pro**

## **Full Name Option**

#### **First Name**

- This field's maximum length is 250 characters.
- The text field has no validation. It takes all characters including numbers, Alpha characters and special characters.
- First name must be filled if the surname is not provided and if the surname is provided first name is not required.
- Minimum length is 0 if the surname is provided.
- The search module works even if the firstname and surname both are the same.

#### Surname

- This field's maximum length is 250 characters.
- The text field has no validation. It takes all characters including numbers, Alpha characters and special characters.
- Surname must be filled if the firstname is not provided and if the first name is provided surname is not required.
- Minimum length is 0 if the first name is provided.
- The search module works even if the firstname and surname both are the same.

### DOB

- It's not a required field.
- It does not take a date after the current date.

### Sex

- It's a required field.
- Dropdown field is available.
- The dropdown contains two options "Male" and "Female".

## **Add new Patient**

#### **First Name**

- This field's maximum length is 250 characters
- This field's minimum length 2 characters
- This is a required field.
- It accepts only Alpha characters.

### Surname

- This field's maximum length is 250 characters
- This field's minimum length 2 characters
- This is a required field.
- It accepts only Alpha characters.

#### Date of birth

- It's not a required field.
- It does not take a date after the current date.
- There is an optional checkbox if the date of birth is estimated.

### Sex

- It's a required field.
- Dropdown field is available.
- The dropdown contains two options "Male" and "Female".

### **NRC**

- This is a required field.
- This accepts only numeric numbers.
- This accepts only valid NRC 9 digits numbers.
- If the client does not have NRC, there is an optional checkbox available.

## Country

- This is a required field.
- Dropdown field appears through partial searching.

### **NAPSA Number**

- It's not a required field
- This field's maximum length is 20 characters
- It accepts numbers, Alpha character and special characters

### **UnderFive Card Number**

- It's not a required field.
- This field's maximum length is 20 characters.
- It accepts numbers, Alpha characters and special characters.
- The UnderFive Card field is only enabled for when DOB is maximum of 4 years 11 months and 30 days before the current date.

## **Registration Date**

- It's a required field.
- It does not take a date after the current date.

## **Contact Information**

### Code

- It's a required field.
- Dropdown field appears through partial searching( minimum for 1 letter)
- If the client does not have cellphone number, there is an optional checkbox available.

## **Cellphone Number**

- It's a required field
- It accepts a valid cellphone number with 11 digits.
- It accepts only numbers.
- If the client does not have cellphone number, there is an optional checkbox available.

#### Code

- It's a required field.
- Dropdown field appears through partial searching( minimum for 1 letter)
- If the client does not have cellphone number, there is an optional checkbox available.

## **Other Cellphone Number**

- It's not a required field if the code is not selected.
- It accepts a valid cellphone number with 11 digits.
- It accepts only numbers.
- If the client does not have cellphone number, there is an optional checkbox available.

## Code

- It's a required field.
- Dropdown field appears through partial searching( minimum for 1 letter)

### **Landline Number**

- It's not a required field if the code is not selected.
- It accepts a valid cellphone number with 11 digits.
- It accepts only numbers.

### **Email**

- This field's maximum length is 60 characters
- It's not case sensitive.
- It accepts only valid email addresses
- It accepts numbers, Alpha characters and special characters.
- This is an optional field.

### **House Number**

- This field's maximum length is 30 characters.
- It accepts numbers, Alpha characters and special characters.
- This is not a required field.

#### Road/Street

- This field's maximum length is 90 characters.
- It accepts numbers, Alpha characters and special characters.
- This is not a required field.

### Area

- This field's maximum length is 90 characters.
- It accepts numbers, Alpha characters and special characters.
- This is not a required field.

#### **Town Name**

- This field's maximum length is 30 characters.
- It accepts numbers, Alpha characters and special characters.
- This is not a required field.

### **Landmarks & Directions**

- This field's maximum length is 500 characters.
- It accepts numbers, Alpha characters and special characters.
- This is not a required field.

Parent/Guardian Details: At Least one section of the form must be filled.

**Mother:** It has a checkbox to check if the guardian is alive/deceased.

### **First Name**

- It's a required field.
- The field only takes alphabets as input.
- Maximum length of the field is 250.
- Space can be entered as a character in the field.

### Surname

- It's a required field.
- The field only takes alphabets as input.
- Maximum length of the field is 250.
- Space can be entered as a character in the field.

### NRC

- It's an optional field.
- It only takes numbers as input.
- Maximum length of the field is 9.

### **NAPSA**

- It's an optional field.
- It takes numbers, alphabets and special characters as input.
- Maximum length of the field is 250.

## **Nationality**

- It is a dropdown box with country suggestions.
- It is a required field.
- It has a partial searching feature.
- Partial search works for a minimum of one letter typed.
- Only alphabets can be given as input.
- Letters need to be typed at once if the desired search result is needed, or else the search resets.

**Father:** It has a checkbox to check if the guardian is alive/deceased.

### **First Name**

- It's a required field.
- The field only takes alphabets as input.
- Maximum length of the field is 250.
- Space can be entered as a character in the field.
- It is not case sensitive.

#### Surname

- It's a required field.
- The field only takes alphabets as input.
- Maximum length of the field is 250.
- Space can be entered as a character in the field.
- It is not case sensitive.

### NRC

- It's an optional field.
- It only takes numbers as input.
- Maximum length of the field is 9.

### **NAPSA**

- It's an optional field.
- It takes numbers, alphabets and special characters as input.
- Maximum length of the field is 250.

### **Nationality**

- It is a dropdown box with country suggestions.
- It has a partial searching feature.
- Partial search works for a minimum of one letter typed.
- Only alphabets can be given as input.
- Letters need to be typed at once if the desired search result is needed, or else the search resets.

### **Guardian:**

#### **First Name**

- It's a required field.
- The field only takes alphabets as input.
- Maximum length of the field is 250.
- Space can be entered as a character in the field.

#### Surname

- It's a required field.
- The field only takes alphabets as input.
- Maximum length of the field is 250.
- Space can be entered as a character in the field.

### NRC

- It's an optional field.
- It only takes numbers as input.
- Maximum length of the field is 9.

### **NAPSA**

- It's an optional field.
- It takes numbers, alphabets and special characters as input.
- Maximum length of the field is 250.

## **Nationality**

- It is a dropdown box with country suggestions.
- It is a required field.
- It has a partial searching feature.
- Partial search works for a minimum of one letter typed.
- Only alphabets can be given as input.
- Letters need to be typed at once if the desired search result is needed, or else the search resets.

### Relationship

- It is a dropdown box with suggestions.
- It has a partial searching feature with one letter searching.
- Results are run through sequentially, if there are multiple results of one alphabet.
- Only alphabets can be given as input.

## **Marital Status & Spouse Details**

#### **Marital Status**

- It is a dropdown field with predefined options.
- There is no search option for it.

## **Spouse First Name**

- It is only available when Marital Status is "Married".
- For all the other options it is disabled.
- When enabled, it is a mandatory field.
- The field only takes alphabets as input.
- Maximum length of the field is 250.
- Space can be entered as a character in the field.
- It is not case sensitive.

## **Spouse Surname**

- It is only available when Marital Status is "Married".
- For all the other options it is disabled.
- When enabled, it is a mandatory field.
- The field only takes alphabets as input.
- Maximum length of the field is 90.
- Space can't be entered as a character in the field.
- It is not case sensitive.

## Place of Birth and Religious Denomination

### **Home Language**

- It is a dropdown with predefined results.
- Partial Searching works for a minimum of one typed word.
- There are options other than language names only; such as "not found", "other" etc.

## Is Client Born in Zambia

- It is a dropdown box.
- It has two predefined options: "Yes"/"No".

### **Province of Birth**

- It is enabled when "Is Client Born in Zambia" is yes.
- A required field if "Is Client Born in Zambia" is yes and not a required field if "Is Client Born in Zambia" is no.
- It is a dropdown with predefined results.
- Partial searching works for a minimum of one letter typed.
- When not found is selected here, the option for "district of birth" automatically becomes not found.

### **District of Birth**

- It is enabled when "Is Client Born in Zambia" is yes.
- A required field if "Is Client Born in Zambia" is yes and not a required field if "Is Client Born in Zambia" is no.
- It is a dropdown with results that vary with the selection of Province of Birth.
- Partial searching works for a minimum of one letter typed.
- When not found is selected in Province of Birth, the option for "district of birth" automatically becomes not found.

### Place of Birth

- It is enabled when "Is Client Born in Zambia" is no.
- A required field if "Is Client Born in Zambia" is no and not a required field if "Is Client Born in Zambia" is yes.
- Can take input of alphabets, numbers and special characters.
- Max length of the field is 250.

## **Religious Denomination**

- It is a non-mandatory field.
- It is a dropdown field with partial searching.
- Partial searching works for a minimum of one letter typed.

## **Education & Employment**

### **Highest Level of Education**

- It is an optional field.
- It is a dropdown field with partial searching.
- Partial searching works for a minimum of one letter typed.

## Occupation

- It is an optional field.
- It is a dropdown field with partial searching.
- Partial searching works for a minimum of one letter typed.

### **Biometric**

There are 4 fingerprints to scan through before submitting the application. Those are:

- Left Index
- Left Thumb
- Right Index
- Right Thumb