

Project Name - Susastho											
Module Name - Susastho User App											
Test Executed By- Jui Saha Pritha											
Created By - 04-07-2023											
Covered : Login page, Login page UI, Registration Page, Registration Page UI, Dashboard											
SL No	Test Case ID	Module Name	Category	Test Case Title	Steps To Produce	Expected Result	Actual Result	Environment	Pass/Fail	TC Prepared By	Comment
TC_001	Login_Page_Ios_001	Login Page	Language Switcher	In login page language Switcher	1. Download the app 2. In the login page click on language switcher	After clicking on the language switcher option, the entire app will be displayed in the selected language.	The language switcher doing opposite, if I am click Bangla it's showing the whole app in English.	IOS 16.6	Fail	Pritha	
TC_002	Login_Page_Ios_002	Login Page	Login	Without registration login	1.Put invalid username and password on login option 2.Click	Without registration not allowed to login the app.	The app is not allowed to login.	IOS 16.6	Pass	Pritha	
TC_003	Login_Page_IOS_003	Login Page	UI Testing	Login page UI Verification	1.Go to the Login page	Expect no UI broken issue or spelling mistake . Input fields name's title & color clearly visible.	Properly expect no UI broken issue or spelling mistake . Input fields name's title & color clearly visible.	IOS 16.6	Pass	Pritha	
TC_004	Login_Page_IOS_004	Login Page	Login	Invalid Password Login	1. Go to Login page 2.Put valid username and put invalid password	Expect(Wrong userid password) validation will be shown	Properly showing validation	IOS 16.6	Pass	Pritha	
TC_005	Login_page_Ios_005	Login page	Password field eye icon verification	Verify the eye icon in password input field	Pre-req: Need complete step of registation process. Test Data : 1.Username: 01720465756 2. Pw : 112233	Expect eye icon in password field so that user can see the password using that icon button Other wise user can't see the pasword.	There have eye icon in password field . That reason user can see the password .	IOS 16.6	Pass	Pritha	
TC_006	Reg_Page_Ios_006	Registration Page	New Registration Verification	New user register with valid data	1.Click on "Register Button" 2.Give valid first name in first name input field 3.Give valid last name in last name input field 4.Enter valid phone number in mobile number input field 5. Give a password which minimum lenght 6.Same password give in confirm password field 7.Click on "Register" button 8.Give the valid OTP in OTP input field 9.Tap on "Continue"	New user can properly registered and go to landing page as a login user.	New user perfectly registered but go to login page to login.	IOS 16.6	Pass	Pritha	
TC_007	Reg_Page_Ios_007	Registration Page	UI Testing	Register page UI Verification	1. Go to the app. 2. Click on Login button. 3. Check on registration page UI	Appear register page. Appear input fields first name , last name,phone number, password, check box, mobile otp and registration button. Bottom of registration button shown the terms and conditions and privacy police link colourfully.Expect no UI broken issue or spelling mistake . Input fields name's title & color clearly visible.	Properly appear register page. Appear input fields first name ,last name,phone number, password, check box, mobile otp and registration button. Bottom of registration button shown the terms and conditions and privacy police link colourfully.Expect no UI broken issue or spelling mistake . Input fields name's title & color clearly visible.	IOS 16.6	Pass	Pritha	
TC_008	Dashboard_Page_Ios_008	Dashboard/Sidebar	Functional Testing & sidebar verification	Checking Menu Options	1. Go to the app 2.Login with valid username and password 3.In dashboard, click on right side menu bar	All the meun options will work properly.	All the options are working.	IOS 16.6	Pass	Pritha	
TC_009	Dashboard_Page_Ios_009	Dashboard/Sidebar/About CMED	Functional Testing About CMED	Checking Menu about part	1. Go to the app 2.Login with valid username and password 3.In dashboard, click on right side menu bar	Page will show some information about CMED & Page will ridirect to another page	Showing error	IOS 16.6	Fail	Pritha	
TC_010	Dashboard_Page_Ios_010	Dashboard/Sidebar/ Language Switcher	Language Switcher	In dashboard panel, verify language Switcher	1. Go to the app 2.Login with valid username and password 3.In dashboard, click on right side menu bar 4. click in language switcher option	After clicking on the language switcher option, the entire app will be displayed in the selected language.	The language switcher doing opposite, if I am click Bangla it's showing the whole app in English.	IOS 16.6	Fail	Pritha	
TC_011	Dashboard_Page_Ios_011	Dashboard/Sidebar/ Settings	Settings	Check password settings	1. Go to the app 2.Login with valid username and password 3.In dashboard, click on right side menu bar 4.Click on settings option 5.Put current password and put new password Testdata: Currentpass- 123456 Updatedpass- 112233	The password will be change.	Changed sucessfully.	IOS 16.6	Pass	Pritha	
TC_012	Dashboard_Page_Ios_012	Dashboard/Sidebar/ Settings/Privacy policy	Functional Testing about privacy policy	Check Privacy policy	1. Go to the app 2.Login with valid username and password 3.In dashboard, click on right side menu bar 4.After that click on settings option, there have one option name is privacy policy	Click on this page, show about apps privacy policy	403 Forbidden error showing	IOS 16.6	Fail	Pritha	
TC_013	Dashboard_Page_Ios_013	Dashboard/Sidebar/ Settings/Logout	Functional Testing about Logout	Verify Logout	1. Go to the app 2.Login with valid username and password 3.In dashboard, click on right side menu bar 4.After that click on settings option, there have one option name is logout	After clicking the logout button, you will be redirected to the login page and you have to login again with username and password.	User able to logout from the account and login in the account.	IOS 16.6	Pass	Pritha	
TC_014	Dashboard_Page_Ios_014	Dashboard	UI Testing	Dashboard UI Verification	1. Go to the app 2.Login with valid username and password 3.Check on registration UI	Appear dashboard page. Expect no UI broken issue or spelling mistake . Input fields name's title & color clearly visible.	Properly appear dashboard page.	IOS 16.6	Pass	Pritha	
TC_015	Dashboard_Page_Ios_015	Dashboard Footer	Functional Testing	Check page redirect	1. Go to the app 2.Login with valid username and password 3.Check on footer icon	After clicking the icon, it will redirect and show the exact page	Redirect Sucessfully and able to show CMED page.	IOS 16.6	Pass	Pritha	

TC_016	UserProfile_ios_016	User Profile	Functional Testing Image Upload	Verify Image Upload	1. Login to the account click on right side menu bar profile icon, there have a option to change to profile pic or add new pic	2.In dashboard, 3.After that click on 3. Click on profile icon	User can add new picture or change old picture	Successfully change picture and add new picture	IOS 16.6	Pass	Pritha	
TC_017	UserProfile_ios_017	User Profile	Functional Testing personal information	Add personal information	1. Login to the account click on right side menu bar icon	2.In dashboard, 3. Click on profile icon	After click on profile icon, There is no text field to add information	After click on profile icon, there have text field where user can add information .	IOS 16.6	Fail	Pritha	
TC_018	Services_ios_018	Services	Functional Testing Services	Verify call a doctor	1. Login to the account click on call a doctor button	2.In dashboard, 3. Click on call a doctor button	User can choose call type as per their wish and add payment method by clicking on proceed button.	User able to choose call type and able to complete payment through BKash	IOS 16.6	Pass	Pritha	
TC_019	Services_ios_019	Services	Functional Testing Services	Verify Health Records	1. Login to the account click on Health Records button	2.In dashboard, 3. Click on Health Records button	After clicking on the Health Records button, the user can view all his prescriptions, lab reports, screening reports and health information.	User able to see their information	IOS 16.6	Pass	Pritha	
TC_020	Services_ios_020	Services/My health	Functional Testing Services	Verify My Health	1. Login to the account there have one module name is Service	2.In dashboard, 3. Click On	After clicking on the Health Records button, there have another option my health here user can able to add height weight.	There have no option to add.	IOS 16.6	Fail	Pritha	
TC_021	Services_ios_021	Services/Search	Functional Testing Services	Search	1. Login to the account there have one module name is Service	2.In dashboard, 3. Click on Search Button	After clicking on the search button, all the fields will be show	All the fields are shoewing properly	IOS 16.6	Pass	Pritha	
TC_022	Services_ios_022	Services/Search	Functional Testing Services	Verify susastho seba kendro	1. Login to the account there have one module name is Service	2.In dashboard, 3. Click on susasto seba kendro	There have search option, the user can able to search accorading to their choice.	Search option cannot work properly	IOS 16.6	Fail	Pritha	
TC_023	Services_ios_023	Services/Search	Functional Testing Services	Verify Hospital	1. Login to the account have one module name is Service	2.In dashboard, 3. Click on hospital	There have search option, the user can able to search accorading to their choice.	Search option work properly	IOS 16.6	Pass	Pritha	
TC_024	Services_ios_024	Services/Search	Functional Testing Services	Verify Blood Bank	1. Login to the account have one module name is Service	2.In dashboard, there 3. Click on Blood Bank	There have search option, the user can able to search accorading to their choice.	Search option work properly	IOS 16.6	Pass	Pritha	
TC_025	Services_ios_025	Services/Search	Functional Testing Services	Verify Healthy Life Style	1. Login to the account have one module name is Service	2.In dashboard, there 3. Click on Healthy Life Style	There have search option, the user can able to search accorading to their choice.	Showing error	IOS 16.6	Fail	Pritha	
TC_026	Services_ios_026	Services/Search	Functional Testing Services	Verify Ambulance	1. Login to the account have one module name is Service	2.In dashboard, there 3. Click on Ambulance	There have search option, the user can able to search accorading to their choice.	Search option work properly	IOS 16.6	Pass	Pritha	
TC_027	Services_ios_027	Service/Article	Functional Testing Article	Verify Article	1. Login to the account have one module name is Service	2.In dashboard, there 3. Click on Article	After clicking on Articles option, it will show all health related articles and redirect to topic related website.	All articles are showing properly	IOS 16.6	Pass	Pritha	
TC_028	Services_ios_028	Dashboard/Footer	UI Testing	Footer UI Verification	1. Login to the account on Search button	2.In dashboard, click 3. Click on Ambulance	No dot will be here	When I choose English language using switcher, In the footer option there have a extra dot below the logo.	IOS 16.6	Fail	Pritha	

BUG REPORT

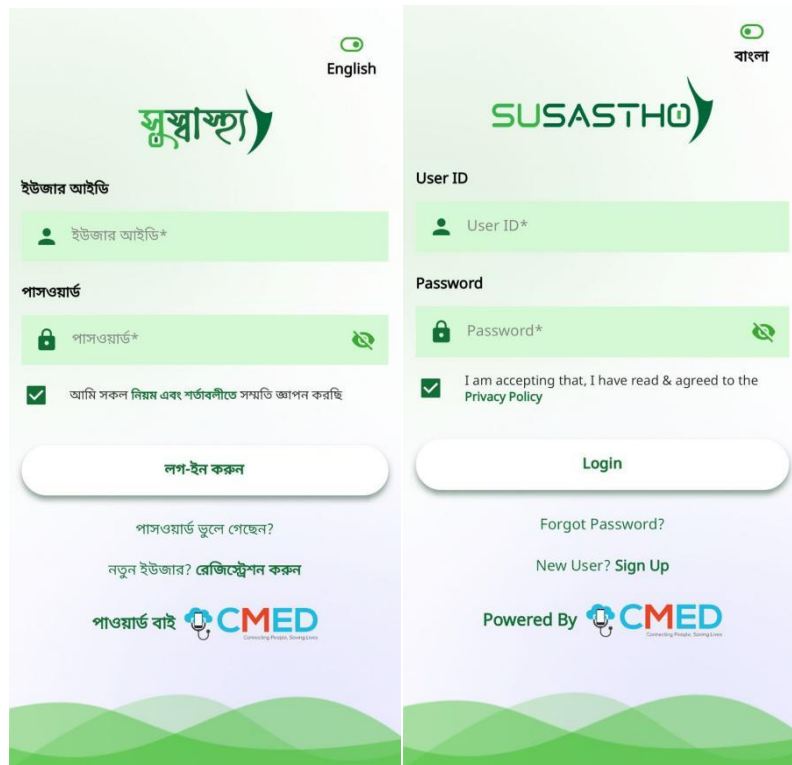
TC001

Module: Login Page

Bug Description:

1. In the login page, The language switcher doing opposite, if I am click Bangla it's showing the whole app in English.

Actual Result:



Expected Result:

1. After clicking on the language switcher option, the entire app will be displayed in the selected language.

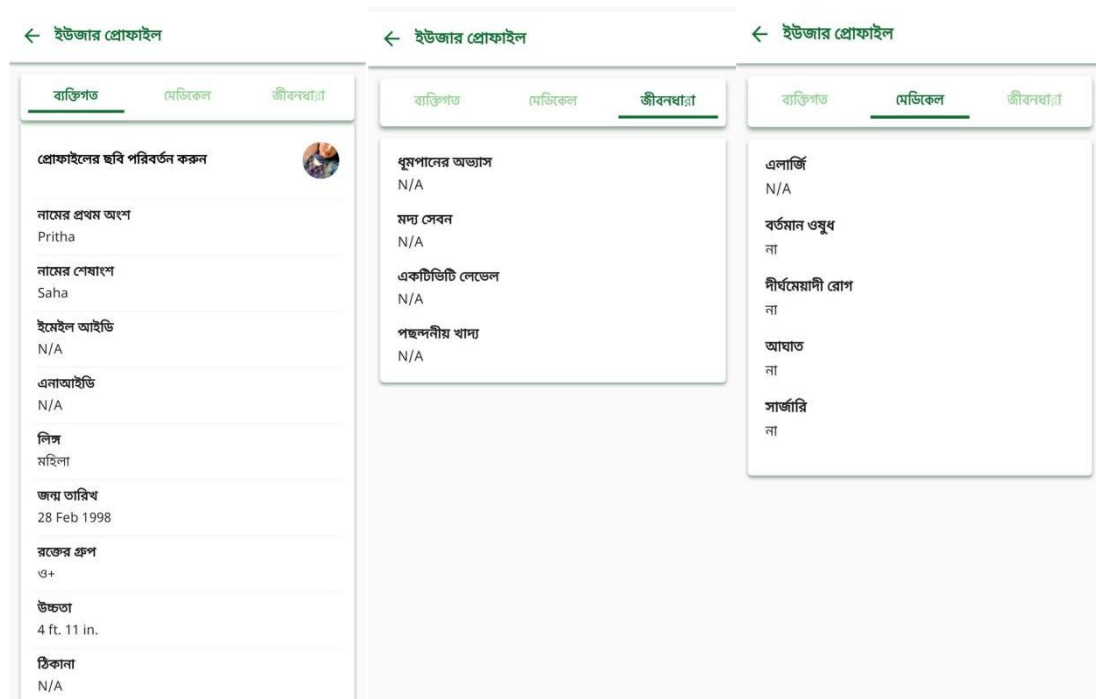
TC002

Module: User Profile

Bug Description:

1. There have no text field to add NID, Address, Occupation etc.

Actual Result:



← ইউজার প্রোফাইল

← ইউজার প্রোফাইল

← ইউজার প্রোফাইল

ব্যক্তিগত	মেডিকেল	জীবনধারা
<p>প্রোফাইলের ছবি পরিবর্তন করুন</p> <p>নামের প্রথম অংশ Pritha</p> <p>নামের শেষাংশ Saha</p> <p>ইমেইল আইডি N/A</p> <p>এনআইডি N/A</p> <p>লিঙ্গ মহিলা</p> <p>জন্ম তারিখ 28 Feb 1998</p> <p>রক্তের গ্রুপ O+</p> <p>উচ্চতা 4 ft. 11 in.</p> <p>ঠিকানা N/A</p>	<p>ধূমপানের অভ্যাস N/A</p> <p>মদ্য সেবন N/A</p> <p>একটিভিটি লেভেল N/A</p> <p>পছন্দনীয় খাদ্য N/A</p>	<p>এলার্জি N/A</p> <p>বর্তমান ওষুধ না</p> <p>দীর্ঘমেয়াদী রোগ না</p> <p>আঘাত না</p> <p>সার্জারি না</p>

Expected Result:

1. After click on profile icon, there have text field where user can add information.

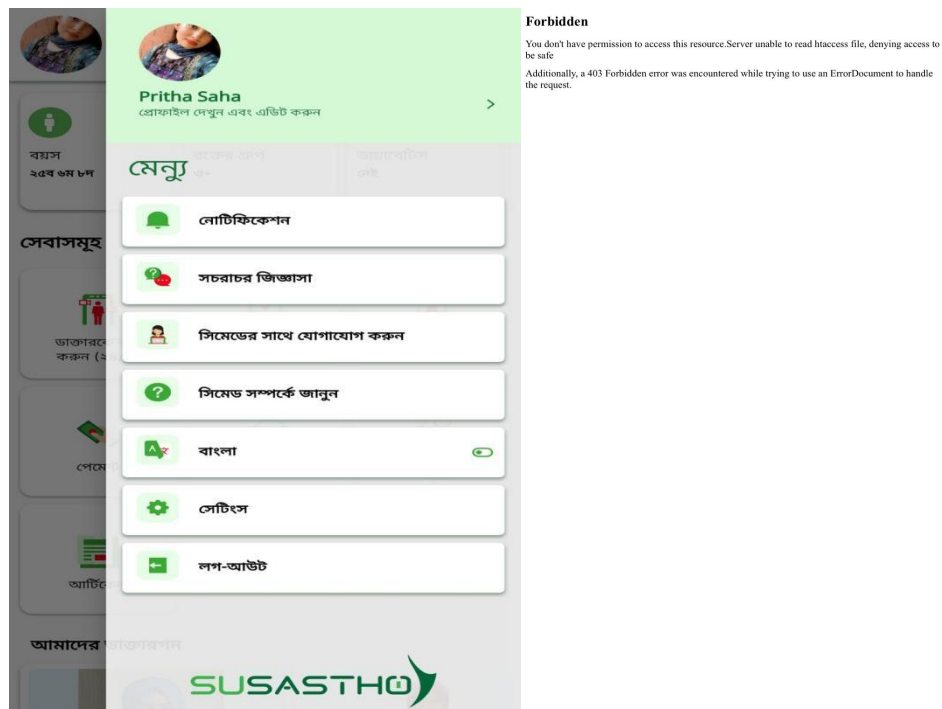
TC003

Module: User Profile

Bug Description:

1. After click on right side menu, there have one button name is “সমিডে সম্পর্কে জানুন”. This page will show some information about CMED & Page will redirect to another page but showing error on this page.

Actual Result:



Expected Result:

1. The page will redirect into another page where all the information will be showed.

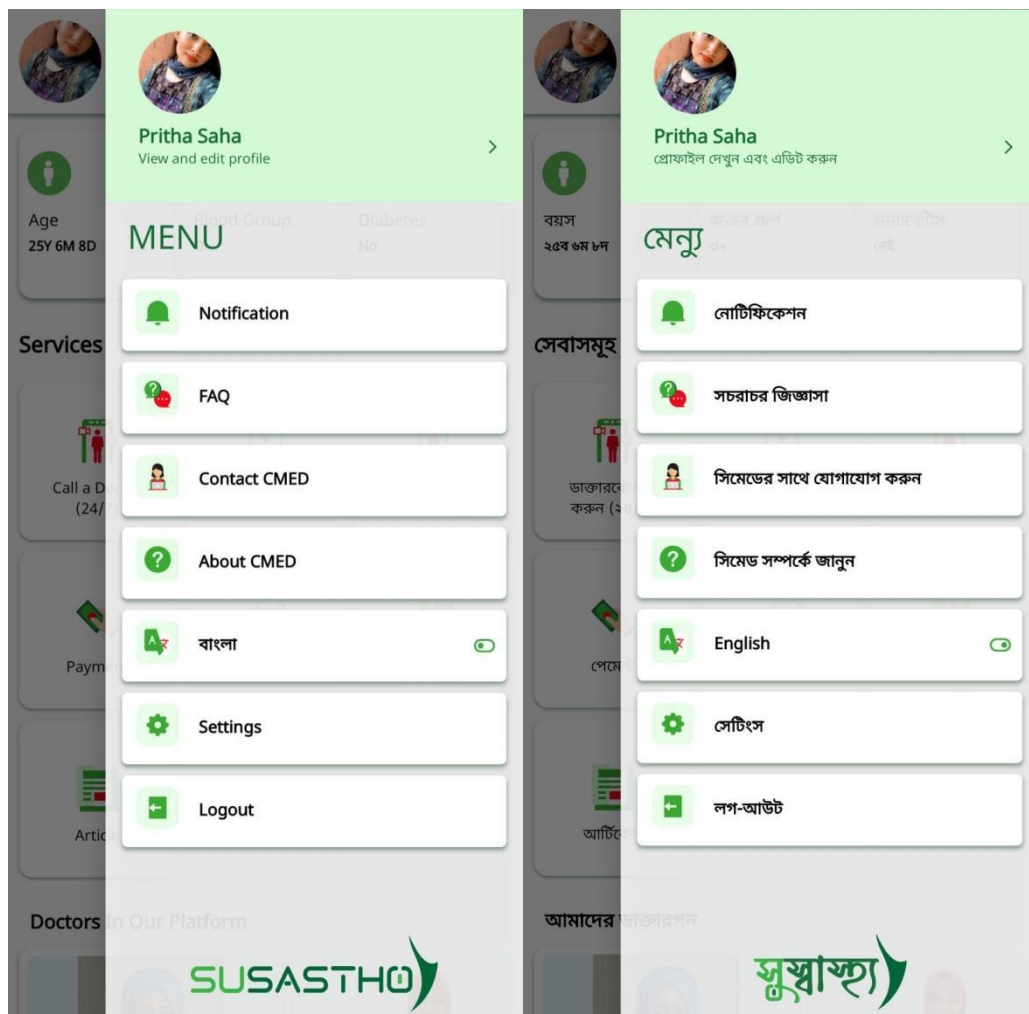
TC004

Module: User Profile

Bug Description:

1. After click on right side menu, there have one button that are used to switch the language. The language switcher doing opposite, if I am click Bangla it's showing the whole app in English.

Actual Result:



Expected Result:

1. After clicking on the language switcher option, the entire app will be displayed in the selected language.

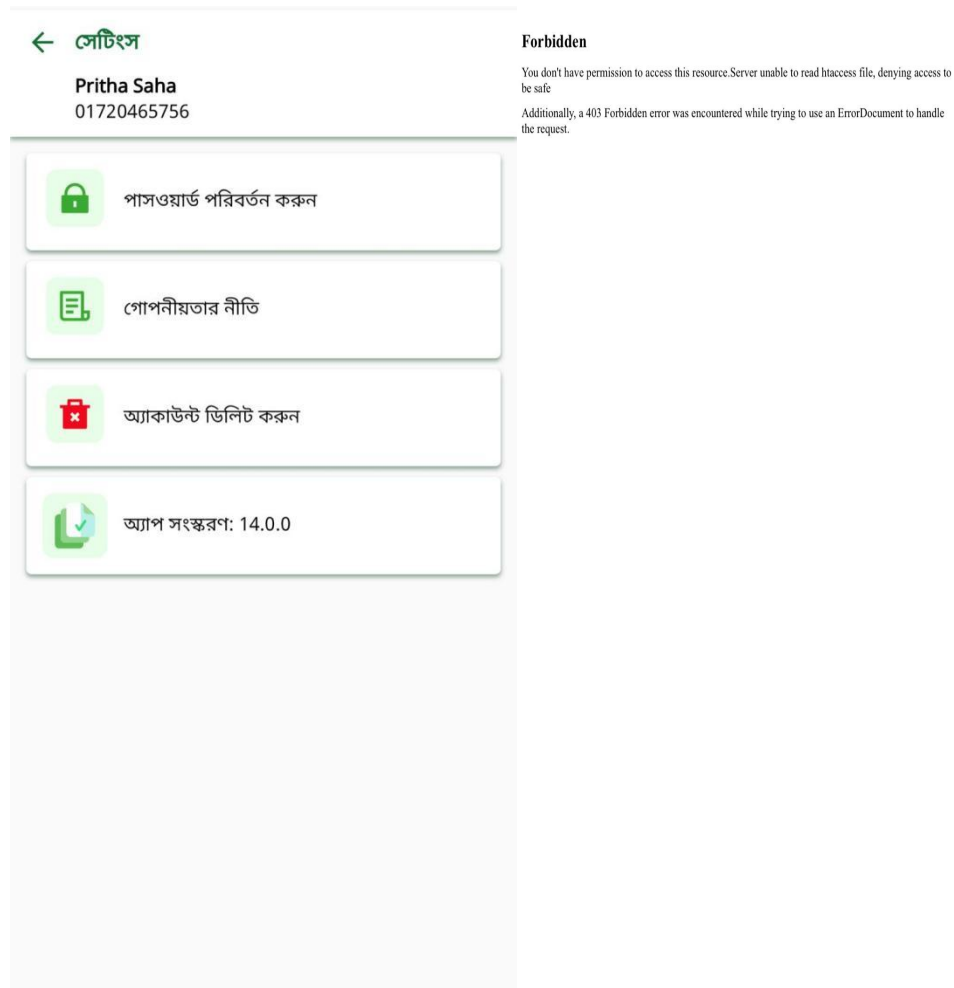
TC005

Module: User Profile

Bug Description:

1. After that click on settings option, there have one button name is "গোপনীয়তার নীতি". Clicking on this button showing 403 Forbidden error.

Actual Result:



Expected Result:

1. The page will redirect into another page where all the information will be showed.

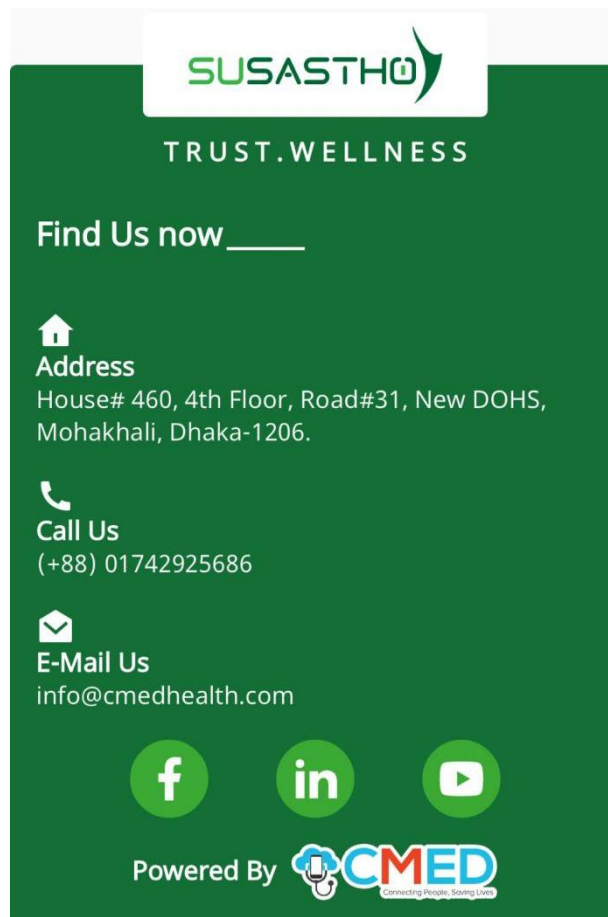
TC006

Module: Footer

Bug Description:

1. When I am choose English language using switcher, In the footer option there have a extra dot below the logo.

Actual Result:



Expected Result:

1. There will be no dot here.

TC007

Module: Services->Family Member

Bug Description:

1. When I try to edit my profile information, an error popup is showing after updating all the information here.

Actual Result:



Expected Result:

1.This popup will not show after information update.

TC008

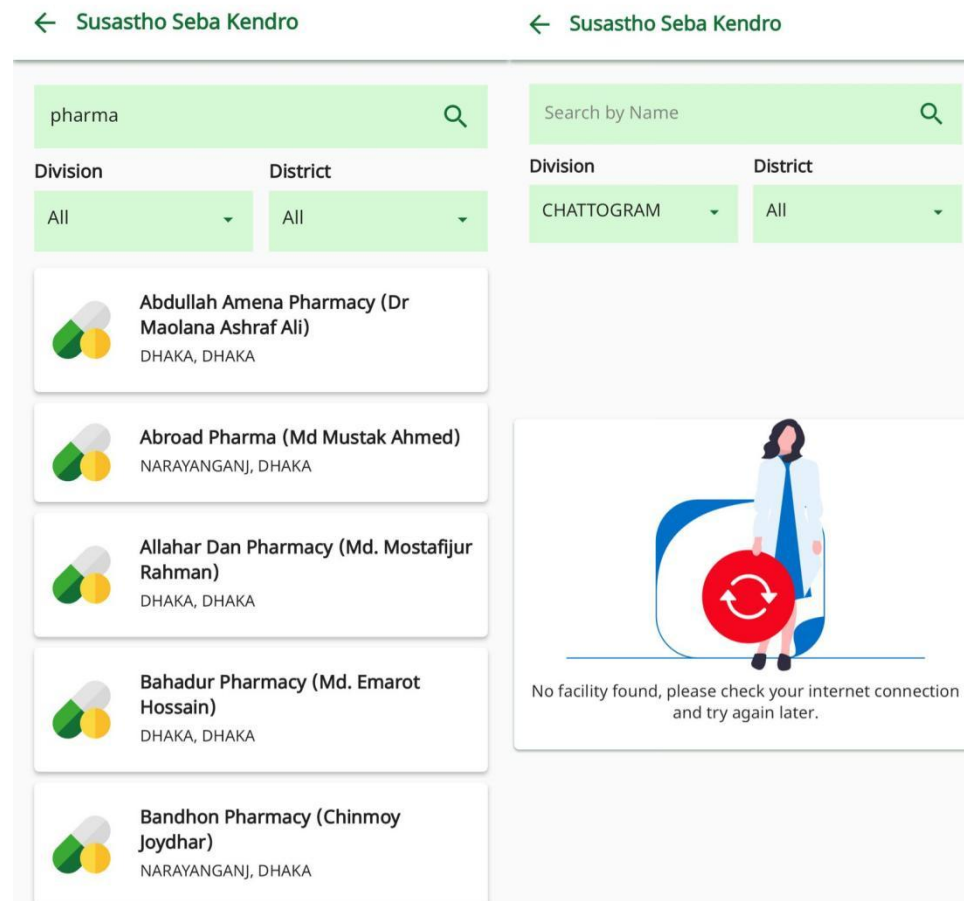
Module: Search-→Susastho Seba Kendro

Bug Description:

1. There have a search option, when I try to get exact information using this it's not working.

2.

Actual Result:



Expected Result:

1. There have search option, the user can able to search according to their choice.

Decision/Improvement

1. What types of things do you not like about their app as a tester and why?

I tested this app very carefully, but there have no major issues. I discover various bugs and glitches during testing, such as broken links, incorrect data or unexpected behavior. These issues can make an app unreliable and lead to a poor user experience. After solving these bugs this app will work perfectly.

2. Give some suggestions on how they can improve their app.

Make sure the app has a user-friendly interface. Make it easy for users to navigate and find the information or features they need. User can easily able to understand all the function and modules. Need to add more FAQ about the app. Optimize the app to run smoothly on various devices and network conditions. Implement features that allow users to personalize their experience. This can include customizable health goals, preferences, and reminders. Prioritize the security and privacy of user data. Clearly communicate how user data is collected, used, and protected. Ensure that all health-related information, tips, and advice provided in the app are accurate and up-to-date. If applicable, integrate with popular wearable and health monitoring devices to provide a seamless experience for users who track their health data. Make the app accessible to users with disabilities by following accessibility guidelines. This includes providing options for larger text, voice commands, and screen reader compatibility. Implement goal target elements like achievements, challenges, and rewards to motivate and engage users in their health goals.

This is all about my suggestions, If these features are implemented then the user experience will be much better and attract more users to use these apps.

3. What types of tools and language do we need if we want to go for automation testing?

When you want to go for automation testing, we'll need a combination of tools, programming languages and frameworks to effectively automate the testing process. Here are the key components we'll typically need:

Automation Testing Tools:

- Selenium is one of the most popular tools for web application automation. It supports multiple programming languages and browsers, making it versatile for web testing.
- Appium is an open-source tool for automating native, mobile web, and hybrid applications on Android and iOS platforms.

- Cucumber is a tool for Behavior-Driven Development (BDD) that allows you to write test scenarios in plain language.
- Postman used for API testing, Postman also supports automated testing of API, making it a valuable tool for testing API.
- JMeter used to Performance Testing.

Programming Languages:

- Java is a commonly used programming language for automation testing, especially with tools like Selenium and JMeter.
- Python is gaining popularity in the automation testing world due to its simplicity and readability. It's often used with tools like Selenium and PyTest.
- JavaScript is essential for automating web applications, particularly with tools like Selenium, Cypress.
- C# is commonly used with tools like Selenium and Appium for Windows application automation.

The choice of tools and languages will depend on project's requirements, the technology stack working with and team's expertise. It's important to select tools and technologies that align with your testing goals and make your automation testing efforts efficient and effective.

Main.java



Run

Output

Clear

```
31         return Double.compare(s2.getCgpa(), s1.getCgpa()); // Sort by CGPA in descending
           order
32     } else if (!s1.getFirstName().equals(s2.getFirstName())) {
33         return s1.getFirstName().compareTo(s2.getFirstName()); // Sort by FirstName in
           alphabetical order
34     } else {
35         return Integer.compare(s1.getId(), s2.getId()); // Sort by ID
36     }
37 }
38 }
39
40 public class Main {
41     public static void main(String[] args) {
42         Scanner scanner = new Scanner(System.in);
43
44         if (scanner.hasNextInt()) {
45             int n = scanner.nextInt();
46             scanner.nextLine(); // Consume the newline character
47
48             List<Student> students = new ArrayList<>();
49
50             for (int i = 0; i < n; i++) {
51                 if (scanner.hasNextLine()) {
52                     String[] input = scanner.nextLine().split(" ");
53                     if (input.length == 3) { // Ensure there are three elements in the input
54                         int id = Integer.parseInt(input[0]);
55                         String firstName = input[1];
56                         double cgpa = Double.parseDouble(input[2]);
57                         students.add(new Student(id, firstName, cgpa));
58                     }
59                 }
60             }
```

Main.java



Run

Output

Clear

```
1 import java.util.*;
2
3 class Student {
4     private int id;
5     private String firstName;
6     private double cgpa;
7
8     public Student(int id, String firstName, double cgpa) {
9         this.id = id;
10        this.firstName = firstName;
11        this.cgpa = cgpa;
12    }
13
14    public int getId() {
15        return id;
16    }
17
18    public String getFirstName() {
19        return firstName;
20    }
21
22    public double getCgpa() {
23        return cgpa;
24    }
25 }
26
27 class StudentComparator implements Comparator<Student> {
28     @Override
29     public int compare(Student s1, Student s2) {
30         if (s1.getCgpa() != s2.getCgpa()) {
31             return Double.compare(s2.getCgpa(), s1.getCgpa()); // Sort by CGPA in descending
                order
            }
        }
```

Ashis

Fahim

Samara

Samiha

Rumpa

TASK 3

```
CREATE TABLE STUDENTS
```

```
(
```

```
    ID INT PRIMARY KEY IDENTITY,  
    [Name] VARCHAR(50) NOT NULL,  
    Marks INT NOT NULL
```

```
)
```

```
GO
```

```
INSERT INTO STUDENTS (Name, Marks) VALUES
```

```
('Ashley', 81),
```

```
('Shamantha', 75),
```

```
('Julia', 76),
```

```
('Belvet', 84)
```

```
GO
```

```
SELECT Name
```

```
FROM STUDENTS
```

```
WHERE Marks > 75
```

```
ORDER BY RIGHT(Name, 3) ASC, ID ASC;
```

The screenshot displays a SQL Server Enterprise Manager interface. The top pane shows a script with the following SQL commands:

```
8 CREATE TABLE STUDENTS  
9 (  
10     ID INT PRIMARY KEY IDENTITY,  
11     [Name] VARCHAR(50) NOT NULL,  
12     Marks INT NOT NULL  
13 )  
14 GO  
15  
16 INSERT INTO STUDENTS (Name, Marks) VALUES  
17     ('Ashley', 81),  
18     ('Shamantha', 75),  
19     ('Julia', 76),  
20     ('Belvet', 84)  
21 GO  
22  
23 SELECT Name  
24 FROM STUDENTS  
25 WHERE Marks > 75  
26 ORDER BY RIGHT(Name, 3) ASC, ID ASC;  
27
```

The bottom pane shows the results of the SELECT query. It includes a 'Results' tab with a table containing three rows of data:

	Name
1	Ashley
2	Julia
3	Belvet