Test Report

Project Name: **Gynia – Private Hospital**

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# Testing Scope

| Product/Feature | Testing Period | Tested Builds | Deployment Date |
| --- | --- | --- | --- |
| **Web application for a private hospital – maternity and women-related procedures** | **15.02.2022-13.03.2022** | **1.1** | **19.03.2022** |
| Onclick functionality for main tabs |  |  |  |
| Registration, Login, Logout |  |  |  |
| Search for services |  |  |  |
| Make an appointment |  |  |  |
| Check appointment calendar |  |  |  |

## Test Environment

| Test Environment | Software Details | Comments |
| --- | --- | --- |
| Production | OS:Windows  Version 10 |  |
| Google Chrome Version 99.0.4844.51 (Official Build) (64-bit) |  |
| Microsoft Edge Version 99.0.1150.30 (Official build) (64-bit) |  |
| OS: Android 7.0 |  |

## Testing Team

| Role | Name | Comments (e.g. test effort h) |
| --- | --- | --- |
| Senior Tester | Maria Badea | 70 h |

# Test Results

## Executed Test Cases

| Functionality | Total | Pass | Failed | Blocked | Not Run | Defects |
| --- | --- | --- | --- | --- | --- | --- |
| Create New User | 6 | 5 | 1 | 0 | 0 | **0038603** |
| Login | 6 | 6 | 0 | 0 | 0 |  |
| Logout | 4 | 3 | 1 | 0 | 0 | **0038602** |
| Edit Profile | 3 | 3 | 0 | 0 | 0 |  |
| Forgot password | 3 | 1 | 2 | 0 | 0 | **0038604**; **0038606** |
| Change password | 6 | 6 | 0 | 0 | 0 |  |
| **Overall Results** | **28** | **24** | **4** | **0** | **0** | **4** |
| **Percentage** | **100%** | **86%** | **14%** | **0%** | **0%** | **14%** |

## 

## Exploratory testing

| Functionality | Defects |
| --- | --- |
| My Account – make an appointment | 0038641 |
| Search Bar | 0038284; 0038636 |
| My Account – session expiration date | 0038642 |
| UI | 0038283; 0038639 |
| Translation buttons | 0038290; 0038287; 0038638 |
| Devtools - console | 0038286 |
| My Account – phone number format | 0038640 |
| My Account - change password | 0038285 |
| Sorting | 0038637 |
| My Account – edit username | 0038660 |

# Defects

## New defects

|  |  |  |
| --- | --- | --- |
| Defect ID | Summary | Severity |
| 38660 | [gynia.ro][Profilul meu] Editing username with another is only applicable after logging out and logging back in | major |
| 38642 | [gynia.ro][Security Logout] Automatic logout when session expires - it occurs only after more than three hours | major |
| 38641 | [gynia.ro][Programare] The user is allowed to make an appointment with a date in the past | major |
| 38640 | [gynia.ro][Profilul meu] Mandatory data (phone number) can be edited in an invalid format | major |
| 38639 | [gynia.ro][Spelling mistakes] The sign up form contains many spelling mistakes | minor |
| 38638 | [gynia.ro][Translation buttons] The list of medical services is not translated when changing language | major |
| 38637 | [gynia.ro][Sorting] Sorting chronologically a program curricula is done only by day, not also by month | major |
| 38636 | [gynia.ro][Search bar]Search functionality does not recognize diacritics | major |
| 38606 | [gynia.ro][Forgot password] User is allowed to change password with same existing one | major |
| 38604 | [gynia.ro][Forgot password] Error message after logging into account with new password | major |
| 38603 | [Gynia.ro][Create account] PHP error code visible when accessing link for account activation | major |
| 38602 | [Gynia.ro][Logout] Logout by closing browser page | major |
| 38290 | [Gynia] Translation button redirects user to Home page when pressed to translate a page from the site | minor |
| 38287 | [Gynia][English version] Inconsistency in translation | major |
| 38286 | [Gynia][Console] Client errors 404 | major |
| 38285 | [Gynia] [Change password] Error message when connecting from the link "Intra in cont" after changing password | critical |
| 38284 | [Gynia] [Search in Services and prices] Database error when accessing Hospitalization services and rates | critical |
| 38283 | [UI][Browser English translation] English translation typo | major |

## Validated bugs

No Bugs are validated.

## Old bugs still open

There are no old bugs still open.

# Conclusions

Smoke Test Cases for the main functionalities in a percent of 100% were executed, 90 % passed and 10% failed. The failed test case is related to the Search functionality.

A total number of 18 new bugs were identified; 14 were identified as major severity, 2 as critical severity and 2 were of minor severity. No bugs were validated.

In addition to Smoke, Positive and Negative testing, other types such as Functional, Exploratory, Ad-hoc, Compatibility, UI and Usability, were covered.

Exploratory testing was performed for important functionalities. A large number of bugs were identified during exploratory testing, 9 of them are major, most of them related to the “Profilul meu” editing, but also for other functionalities.

Most of the bugs were identified by Negative and UI Testing.

Compatibility testing was also performed, for different browsers and devices. The bugs reproduce on all browsers.

As a private hospital application, it should me more secured, given the patient’s medical data stored in the database. The fixing of all the reported bugs is highly recommended. The UI bugs can reflect badly on the hospital reputation and credibility.