Test plan

Test plan identifier No.

Introduction

A web application and a mobile application are developed for communications between students and teachers.

Testing approaches

There are a number of mature existing test approaches. In this case, a mixture of them are adopted in order to increase the efficiency.

Testing scope

All the thirteen functions(cases) for both applications.

Testing activities

|  |  |
| --- | --- |
| Test case | Test data |
| 1. TimeHelper WebApplication Test Cases for students |  |
| * 1. Student log in with Facebook account at first time |  |
|  | Open the link <https://timehelper.au-syd.mybluemix.net/> in the browser |
|  | Click the button “Sign in” |
|  | Click the button “Login with Facebook” |
|  | Enter your email or phone number and password. Click the button “Log in” |
|  | Tick the “One of the boring classes”, “Just, example class”, click the button “I am a student”, click the button “Apply” |
| * 1. Sign out | Click on the icon with account photo |
|  | Click on the “Sign out” link |
| * 1. Student log in with Google account at the first time |  |
|  | Open the link <https://timehelper.au-syd.mybluemix.net/> in the browser |
|  | Click the button “Sign in” |
|  | Click the button “Login with Google” |
|  | Enter your email or phone number and password. Click the button “Log in” |
|  | Tick the “One of the boring classes”, “Just, example class”, click the button “I am a student”, click the button “Apply” |
| * 1. Sign out | Click on the icon with account photo |
|  | Click on the “Sign out” link |
| * 1. Student log in with Facebook account at the second time |  |
|  | Open the link <https://timehelper.au-syd.mybluemix.net/> in the browser |
|  | Click the button “Login with Facebook” |
| 1. TimeHelper WebApplication Test Cases for lecturers |  |
| * 1. Lecturer log in with Facebook account at the first time |  |
|  | Open the <https://timehelper.au-syd.mybluemix.net/> link in the browser |
|  | Click the button “Sign in” |
|  | Click the button “Login with Facebook” |
|  | Enter your email or phone number and password. Click the button “Log in” |
|  | Tick the “One of the boring classes”, “Just, example class”, click the button “I am a lecture” |
| * 1. Sign out | Click on the icon with account photo |
|  | Click on the “Sign out” link |
| * 1. Lecturer log in with Google account at the first time |  |
|  | Open the link <https://timehelper.au-syd.mybluemix.net/> in the browser |
|  | Click the button “Sign in” |
|  | Click the button “Login with Google” |
|  | Enter your email or phone number and password. Click the button “Log in” |
|  | Tick the “One of the boring classes”, “Just, example class”, click the button “I am a lecturer”, |
| * 1. Sign out |  |
| * 1. Lecturer log in with Facebook account at the second time |  |
|  | Open the link <https://timehelper.au-syd.mybluemix.net/> in the browser |
|  | Click the button “Login with Facebook” |
| 2.6. Add a new schedule record |  |
|  | Click on the schedule’s grid choosing the square that corresponds 1.10.2017 and 9 a.m |
|  | Choose in the drop list with ending time “10:00”. Enter the class title “ISCG 7444”, the class description “Cloud Application Design and Development”. Click the button “Create Class” |
|  | Refresh the page in the browser |
| 2.7. Update an existing schedule record | Click the sign  on the schedule’s grid choosing the square that corresponds 1.10.2017 and 9 a.m |
|  | Update the class title from “ISCG 7445” to “ISCG 7444”. Click the button “Update” |
|  | Refresh the page in the browser |
| 2.8. Delete an existing schedule record | Click the sign on the schedule’s grid choosing the square “ISCG 7444 Cloud Application Design and Development” that corresponds 1.10.2017 and 9 a.m |
|  | Refresh the page in the browser |

Approvals

To see if the test outcomes meet the test expectations.

If the test outcome meets the test expectation, then approval granted.

Quality assurance team members

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Environmental needs

The functions tested are not sensitive about the environment. Due to the basics of IBM Bluemix, the module is not included in the testing procedures.

Budget

No budget

Date