UB First Year IT Student Calibration Web Application

Software Requirements Specification

Version 1.0

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**Revision History**

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| --- | --- | --- | --- |
| **Date** | **Description** | **Author** | **Comments** |
| 13/11/20222 | Version 1.0 | Brent Burns  Roberto  Govanni Canto | All work was reviewed. |
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**Document Approval**

 The following Software Requirements Specification has been accepted and approved by the following:

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| --- | --- | --- | --- |
| **Signature** | **Printed Name** | **Title** | **Date** |
|  | Kieran Ryan | Lecturer: CMPS1134 | 20/11/2020 |
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**1. Introduction**

Incoming first year students come into the University of Belize with a wide range of computer skills and knowledge. This web application will enable the University’s IT department to properly gauge the level of knowledge that new students are entering with and offer remedial courses to those who need it.

**1.1 Purpose**

To develop a web application that increases the efficiency and effectiveness of the University of Belize’s registration system open to potential students. This web application will enable the University’s IT department to properly gauge the level of knowledge that new students are entering with and offer remedial courses to those who need it.

**1.2 Scope**

(1) UB First Year IT Student Calibration Web Application

(2) Software will collect and display information about the countries (Belize) High Schools in regards to the computer labs, amount of computer classes taught, and subjects taught at the schools

(3) Description of the web application being specified:

(a) web application will enable the University’s IT department to properly gauge the level of knowledge that new students are entering with and offer remedial courses to those who need it.

**1.3 Definitions, Acronyms, and Abbreviations**

U.B = University of Belize  
I.T = Information Technology

**1.5 Overview**

Further information about the web application that is being developed, with diagrams that depict the inner workings of and functionality.

**2. General Description**

web application to collect and display information about the countries (Belize) High Schools in regards to the computer labs, amount of computer classes taught, and subjects taught at the schools. This web application will enable the University’s IT department to properly gauge the level of knowledge that new students are entering with and offer remedial courses to those who need it.

Web application will enable high schools to enter their information, which will be collected and saved into a database and used for future reference when students register from those schools.

Requirements to use this application are simply an web browser with a working internet connection.

**2.2 Product Functions**

Collect and display information about the countries (Belize) High Schools in regards to the computer labs, amount of computer classes taught, and subjects taught at the schools.

**2.3 User Characteristics**

Users of this web application will typically be directors or officials representing the variety of schools in the country. Students graduating high school and applying for the University of Belize’s IT program, officials of the UB and Lecturers of the UB’s  IT program.

**2.4 General Constraints**

General constraints to this project is general knowledge and understanding of the issue at hand and practical knowledge to complete the project.

**2.5 Assumptions and Dependencies**

Assumptions are that potential users of this web application know how to use a computer, has a stable internet connection and have a strong understanding of the english language.

Dependencies are upon the developers of the web application to complete the project before the deadline.

**3. Specific Requirements**

1. Web application has all the necessary fields;
   1. High School Name
   2. Principal/head directors contact
   3. IT teachers name and email address
   4. description of computer labs, pictures of lab
   5. number of forms (1-4) that take computer classes
   6. number of times per week students have computer classes
   7. computer curriculum.

**3.1 External Interface Requirements**

External interface requirements consist of a working computer with a stable internet connection and internet browser.

**3.1.1 User Interfaces**

Front end and Back end.