

Web Portal and Mobile Application Development for ICT in Higher Education in Zimbabwe for UNESCO ROSA and Ministry of Primary and Secondary Education

DEVELOPMENT WORKPLAN

14 January 2019

1. Introduction

This document outlines a work plan for the development of a web portal and mobile application for The Zimbabwean Ministry of Primary and Secondary Education from the 15th of January 2019 to the 15th of June 2019. This activity is part of “ICT Transforming Education in Africa”, a project developed within the framework of the UNESCO-Korean Funds-in-Trust (KFIT) contribution by the Republic of Korea.

The overall goal of this project is to provide an easy to use, free to all educational repository for students and teachers. The solutions provided will be flexible and related to the current curriculum provided by The Ministry of Primary and Secondary Education in Zimbabwe.

2. Role of the consultant

Variable Solutions will do the following:

1. Develop a web portal and mobile application repository that will have resources for students to use while they are either online or offline. This solution will cater for primary and secondary school stakeholders with their educational resources and it will be easy to use.
2. Educate the end users of the solution, these are the teachers, the administrators and the students to ensure proper utilization of the system.
3. The solution will be secure to provide privacy to all the respective users of the mobile application and the web portal.
4. Provide support to all the users of the system and maintenance where they need help and areas that might appear to be vague or too technical for average users.

3. Work plan

The table below outlines the activities, consultancy, milestone and deadlines related to this assignment.

Co-coordinating Committee Activities	Developer Activities	Milestone	Deadline
Planning and project creation	Gathering specifications Technology outline	Establishment of tasks and responsible parties	15 January 2019
Design	Pages and layout reviews logos Sitemap Wireframes Mockups Form design and modelling Search engine optimization outline	Production of user interface and diagrammatic representation of a hierarchical layout of a site	26 January 2019
Development	Creation of Data base Creation of Backend Creation of Custom content management system Creation of frontend Development of mobile application	Producing a system that is reliable and interactive	15 February 2019
Testing	Validation checks for forms Security tests	Delivering a secure software without bugs and compatibility issues.	18 February 2019

Co-coordinating Committee Activities	Developer Activities	Consultant Deliverables	Deadlines
Deployment	Hosting Registering domain Mobile app deployment to the play store	Delivering a functional mobile application and web portal	20 February 2019
Training Users	First User Training (ECD) Second User Training (O Level) Third User Training (A Level) Final User Training	Delivering knowledge on how to use the crafted system to the target users	15 March 2019 29 March 2019 15 April 2019 20 April 2019
Final Consolidated report	Deliver the results of the entire process	Final Report of the success of the project	15 June 2019