YOUNG AFRICA eLEARNING PLATFORM PILOT PHASE PROGRESS

FOR

DIGITAL VET FOR YOUNG AFRICANS (D-VETYA) PROJECT 2023-2024

Project Milestone: 6
MILESTONE DESCRIPTION SHEET

Milestone: 6 - Test (Pilot) of eLearning platform finalized

Due Date: Month 7 (31st July 2023)

Actual Completion Date: 09-08-2023

Work Package Concerned: WP 2 – Young Africa eLearning Platform Development

Description: Test (Pilot) of eLearning platform implemented including end-users feedback and adaptation integrated and concluded

Means of Verification: Beta version of YAeLP including 4 curricula available including all adapted manual for eLearning environment

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YA eLearning Africa Platform Screenshots from Pilot Phase (developed by Spur Technologies, Uganda)

The YA eLearning Africa Platform can be found at https://yaelearning.org/

Below are some of the Screenshots of the major features and courses on the platform currently.

1. **The Home Screen**: This is the first page that shows when someone enters the above URL in their browser.
2. **Log In/Register**: On the home page, the user has the option to register or log into the platform. The login/registration page looks like the one below:

3. **Featured Course Categories**: Once the User has logged in, they will be able to see an overview of the various courses available on the platform. For now, only the Technical and Vocation Training and Soft Skills Categories have courses under them. The Teacher Training Section will have tutorial materials for training the trainers on how to facilitate the different online courses. These will be developed later on in the project timeline.
4. **TVET Courses:** Here we have the pilot courses (Entrepreneurship, Catering, Hairdressing and Welding) that have been under development.

5. **Soft Skills:** Under this category, we have the different life skills courses from the Life Skills Curriculum.
6. **The True Love Course under Soft/Life Skills**: The following screenshots show some of the different interactive components under the True Love Course. The first screenshot shows the overview of the course that the student sees once they enter the course.
This screenshot is an example of an interactive crossword puzzle that is used to assess the students understanding of the common terminologies used in the course,
This screenshot shows additional content in form of text, video and an image hotspot.
This last screenshot shows an example of a reflection forum where learners share what they have learnt from the course with their peers.

7. **The Catering Course**: The following screenshots show some of the different interactive components under the Catering Course. Since the course is under user testing, most of the units are hidden from the students except the Unit 14: Cakes and Scones. The first screenshot shows the overview of the catering course.
This is an example of Multiple Choice Progressive Assessment in the Catering Course to check if the students are understanding the Content that they have learnt in the unit.
The Units also have activities/projects that students will need to do in their communities in order to apply the learning from the course to their day to day lives.

This is an example of a reflection journal created for students to be able to reflect on everything they have learned in the unit.
8. **The Entrepreneurship Course:** The following Screenshots show an overview of the entrepreneurship course. Most of the units are hidden from the students since we are doing user testing for the platform; only the Setting the Right Price unit is currently accessible to the learners.

![Image of course overview]

The second screenshot shows a story and the reflection questions students need to do with it.
9. **Welding Course**: The screenshots provide an overview of the course. Only Week 1, 2 and 3 are currently open to the students as we do user testing.

The screenshot below shows how some of the content appears in the course.
WELD JOINT TYPES

There are many types of welds used in construction and manufacturing. The choice of weld type depends on the application and the material being welded. Here are some common types of weld joints:

- **Edge Joint:** This joint is used when the parts to be welded are in close proximity. It is commonly used in sheet metal welding.

- **Corner Joint:** This joint is used when the parts to be welded are at a right angle. It is commonly used in structural steel welding.

- **Lap Joint:** This joint is used when the parts to be welded are placed on top of each other. It is commonly used in pipe welding.

- **Butt Joint:** This joint is used when the parts to be welded are placed side by side. It is commonly used in plate welding.

- **Tee Joint:** This joint is used when the parts to be welded are in a T-shape. It is commonly used in beam welding.

- **Miter Joint:** This joint is used when the parts to be welded are at a diagonal angle. It is commonly used in Avatar welding.

Each joint type has its own advantages and disadvantages, and the choice of joint type depends on the specific requirements of the application.
The screenshot below shows an example of a drag and drop assessment activity in the welding course.

**Next Steps:** There is ongoing user testing and refinement of the system. Course content for 10 more training courses is being finalised and will be uploaded and adapted progressively. Work is also taking place to translate the content to Portuguese.