Assignment Description: Group Assignment

IS2113 Community Informatics (ICT for Developments)

This assignment aims to enhance students' problem-solving skills using ICT to address community and development challenges. Students must identify a current issue related to development in a developing country and propose an ICT-based solution to mitigate or overcome the problem.

Assignment Guidelines:

1. **Identify a Community or Developmental Problem:**
   Choose a specific issue within a developing country that significantly affects its population. Examples include education, healthcare, economic development, agriculture, access to government services, transportation, power supply, social justice concerns etc.

2. **Propose an ICT-Based Solution:**
   Develop an innovative solution that utilizes Information and Communication Technology (ICT) to address the identified problem effectively. Consider how technology can be leveraged to improve access, efficiency, and effectiveness in tackling the issue. The proposed solution should be feasible, scalable, and sustainable within the context of the targeted community.

3. **Develop a Prototype for the Solution:**
   Create a prototype of the ICT-based solution, highlighting its key features and functionalities. The prototype should provide a tangible representation of how the proposed solution would operate in real-world scenarios. You are allowed to use any technology or tool to design and implement the prototype.

4. **Video Presentation:**
   Produce a video presentation with a duration of 10 to 15 minutes that comprehensively addresses the identified problem, presents the proposed ICT-based solution, and demonstrates the prototype in action. Use visual aids, narration, and examples to effectively communicate the problem's significance and the solution's potential impact. Ensure clarity, coherence, and professionalism throughout the presentation.

5. **YouTube Upload:**
   Upload the video presentation to YouTube as an unlisted file. Ensure the video is accessible through a shareable link.

6. **Text Document and Slides Upload:**
   Create a text document containing the details of the group members and the link to the uploaded video presentation on YouTube. Upload the text document and the slides used in the video presentation to the Learning Management System (LMS) by **April 7, 2024**, on or before **11:55 p.m**. **One submission per group** is enough, and the team leader can upload the files to the LMS.

Marking Rubric

Criteria	Allocated Marks
Identification and analysis of the problem	15 marks
Proposed Solution	15 marks
Prototype	20 marks
Analysis on the proposed solution (its impact, sustainability, problems related to real world deployment, and solutions to overcome those difficulties)	10 marks

Note: Video presentations outside of the given time range will not be graded. Late submissions will be penalized, and any kind of plagiarism will not be tolerated and will be penalized. Ensure your video presentation is well-prepared and the text document and slides are uploaded correctly to the LMS.