|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | | |
| **Sector :** ICT & MULTIMEDIA | **Sub-sector:** Software Development | | | **Date : …/…/ 2023** | |
| **Lead Trainer’s name :** TUYISINGIZE Leonard | | | | **TERM :** I | |
| **Module(Code&Name):** SWDPR301 Analyze project requirements | **Week :** I | | **No. Learners:** 54 | **Class:**1 | |
| Learning outcome: | 1.Identify customer needs | | | | |
| **Indicative contents:** | 1.1 Data gathering | | | | |
| **Topic of the session:** Identification of requirements Gathering methodologies. | | | | | |
| **Range:**   * Methods of collecting data * Description of data collection Tools (Traditional and online forms Peripherals ) | **Duration of the session:** 40min | | | | |
| **Objectives: By the end of this session every learner should be able to:**   1. Define clearly a term gathering methodologies as used in identifying customer needs. 2. Select properly 2 methods of collecting data used in data gathering. 3. Name appropriately 2 data collection Tools (both Traditional and online forms Peripherals) as used in data gathering. | | | | | |
| **Facilitation technique(s):** JIGSAW | | | | | |
| **Introduction** | | **Resources** | | | **Duration** |
| **Trainer’s activity:**   * Greets and Makes roll calls * Involves the learners to set the ground rules * Involves learners to review the previous session * Announces the topic of the session. * Explains objectives of the session   **Learner’s activity:**   * Greets and Reply to the roll call. * Participate and set the ground rules * Participate in review the previous session * Ask clarifications about the topic of the session * Read and participate in explaining the objectives of the session. | | * Attendance sheet * PPT * Projector * Computer * Blackboard * Chalk * pen | | | 5 minutes |
| **Development/Body** | | | | | |
| **Step 1: Forming groups (home group and expert group)**  **Trainer’s activity:**   * Gives the instructions of how to form groups (by counting from 1 to 5) * Asks the learners to name their home group. * Asks learners who counted the same number to join together to form expert groups.   **Learner’s activity:**   * Follow the instructions about how to form groups by counting * Name their home groups * Those Who counted the same number join together   **Step 2**: **Discussion and sharing** **in expert groups**  **Trainer’s activity:**   * Distributes the task sheets to the expert groups. * Monitors the expert group discussion. * Reminds them the remaining time accordingly * Asks them to stop expert groups discussions * Asks learners to back to their home group   **Learner’s activity:**   * Receive task sheets within their expert group. * Discuss on their tasks within their expert group. * Became aware of remaining time and work accordingly. * Stop expert groups discussion * Re-join their home groups   **Step 3**: **Sharing** **expertise in home groups**  **Trainer’s activity:**   * Asks the learners to share what they learnt from expert teams * Monitors home group discussion and remind them the remaining time. * Declares the end of home groups discussions   **Learner’s activity:**   * Everyone explains to his/her group members what he/she learned in expert group. * Continue discussion accordingly to the remaining time * End home groups discussions | | * Computer * projector, * PPT | | | 25  minutes |
|
|
| **CONCLUSION** | | | | | |
| **Summary:**  The trainer involves the learners to summarize the session by asking questions reflecting on the learning objectives.  The learners summarize the session by responding the asked questions. | | * Computer * projector | | | 3 minutes |
| **Assessment/Assignment**  The trainerInstructs students details concerning assessment, assigns the Formative assessment questions to students, monitors how assessment is being done,andcollects students’ papers of assessment.  Learnersget assessment’s instructions and asking for clarifications wherever needed, sits for assessment questions**, w**orks for Assessment questions given, and submits assessment papers. | | Assessment sheets | | | 5 minutes |
| **Evaluation of the session:**  Trainer involves learners in the evaluation of the session by asking some question like how was the session? Seeking for improvement in the next session and links the current to the next session. Learners evaluate the session by providing answers of asked questions and ask for clarification about the next topic of the session if any. | | Self-assessment form | | | 2minutes |
| **References:** Bibliography 1.https://www.datasciencecentral.com/yc-1/. (2022). *4 Key Principles of Data Collection.*  2.Simplilearn. ( 2023, Aug 9). What is Requirement Analysis: Overview, Applications, and More. *what-is-requirement-analysis-article*, pp. 1-14.  3.Tutorialspoint.com. (2022, 6 12). Requirement Gathering Techniques. *business\_analysis/business\_analysis\_requirement\_gathering\_techniques.htm*, p. 6. | | | | | |
| **Appendices:**   * PowerPoint * Task Sheets * Assessment sheet * Answer sheets | | | | | |
| 1. **Reflection :** | | | | | |