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EDLD 5315  
Week 2 Outline Assignment

Introduction:

- I. **Topic of Action Research:** Knowledge Retention in High School Learners
  
- II. **Purpose of Study:** The purpose of this study is to accomplish a deeper understanding of effective strategies to strengthen knowledge retention in an online learning setting.
  
- III. **What is your research question?** In an “distance learning setting”, what impact does ePortfolios have on knowledge retention in 12<sup>th</sup> grade students with a short attention span?

IV. **What is your research design (Qualitative, Quantitative, or Mixed Methods)**

A mixed method design method containing both qualitative and quantitative measures will be observed for this action research study.

- **Quantitatively the study will look at:**

- Age of Students
- Knowledge Retention Rate
- Attendance
- Gender
- Test Scores (pre/post)

- **Qualitatively the study will look at:**

- Maturity of Students
- Character & Personality
- Focus & Participation Rate
- Gifts & Talents
- Incentives & Emotional triggers

- a. **Why did you choose this design?**

I chose to use quantitative as a design for my first research question because data from test scores is a great way to measure my question. I chose qualitative for my second research question because I can measure data for that question with interviews and polls.

**V. What data will collect?**

- a. Personality Test
- b. Student Interviews
- c. Student Polls
- d. Displayed Student Work

**VI. What types of measurement will you use?**

- a. Interviews
- b. Surveys
- c. Observation notes
- d. Participation scales

**VII. Literature Review Focus**

A literature review will be conducted to critically analyze published content from sources such as peer reviewed articles, books, scholars, etc in order to arrive at a solution to the problem addressed in this outline - impact on knowledge retention in high school learners.