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User testing and evaluation

MIS 2023

* Laboratory Setup:
  + We utilized a seminar room at the university for our testing environment.
* Recruitment of Participants:
  + We engaged five participants, each equipped with an Android device containing our app and screen recording software.
* Pre-test Questionnaires:
  + Prior to testing, we administered questionnaires to gather information:
  + Have you previously used a similar app?
  + Do you believe there is practical utility for this type of app in your daily life?
* Usability Testing Scenarios:
  + We conducted two usability testing scenarios:
  + Scenario 1 (Presenter): Presenters were tasked to upload and deliver a presentation using the app.
  + Scenario 2 (Audience): Audience members were directed to locate and view an ongoing presentation.
* Data Collection:
  + We recorded participants' screens and interactions using screen capture software.
  + Additionally, we documented participants' verbal feedback, comments, and expressions.

* Post-test Questionnaires:
  + Following each scenario, we administered post-test questionnaires to collect feedback and insights:
  + Rate your overall experience with the app on a 5-star scale.
  + Did you find the app's design appealing?
  + Please provide any suggestions or ideas for app improvement.
* End of The Test
  + Small talks about with each participant about the experience

**Results**

* Pre-test Questionnaires results :
  + 100% of participants had not previously used a similar app.
  + 40% of participants indicated they would find practical use for the app in their daily lives.
* Post-test Questionnaires results :
  + Ratings distribution: 40% gave 3 stars, 20% gave 4 stars, and 40% gave 2 stars.
  + Consensus among all participants was that the app's design is basic, and they recommended enhancing it by incorporating more colours and icons.
  + Improvements and suggestions are written in the documentation as findings and improvements.