

Reflection

Gibbs' Reflective Cycle

- **Description:** In the brainstorming session, we explored potential solutions for improving sound levels and stress management in primary school physical education classes. The idea of an interconnected ecosystem centered around a smartwatch app emerged as an intriguing concept. We conducted research, evaluated existing apps, and visualized the user journey to guide our design process.
- **Feelings:** We felt motivated and enthusiastic during the brainstorming session as we generated innovative ideas. Conducting research and evaluating existing apps made us aware of the strengths and limitations in the current solutions. We were excited about the potential to make a positive impact on physical education teachers and students.
- **Evaluation:** The research process helped us identify areas of opportunity and understand the needs of our target audience. By combining insights from acoustic treatments, noise-reducing devices, and expert recommendations, we created a comprehensive solution. Visualizing the user journey and prioritizing features through the MoSCoW Analysis ensured that our solution aligned with user needs.
- **Analysis:** Collaboration and teamwork were key factors in merging individual prototypes into a cohesive final version. The use of a design system facilitated consistency throughout the project. UML diagrams played a vital role in documenting the system's architecture and requirements, promoting effective communication and collaboration.
- **Conclusion:** The design phase involved iterative refinement based on user feedback and observations, resulting in a well-crafted home screen prototype. We will conduct user testing on the fourth iteration to determine the preferred version. The feedback analysis highlighted positive aspects of the prototype's design, such as its visual appeal and usability. However, there were areas for improvement, such as clarifying the meaning of percentage values and optimizing certain interface elements.
- **Action Plan:** Based on the feedback analysis, we will make necessary adjustments to address the areas for improvement in the prototype. We will also continue to collaborate and refine the design based on user preferences and stakeholder requirements.