















- **Dynamic Emotional Rating:** Include a customizable emotional rating scale directly within the memory display area. Users can quickly select a rating scale. Design an interface element for the rating scale that can be dynamically displayed next to memory entries.
- **Offline Functionality:** Visually indicate if content is stored locally or in the cloud. Consider caching mechanisms for limited offline access when an internet connection is unavailable. Implement chosen storage solution (cloud storage API or real-time database integration).

## 6. Conclusions

The interdisciplinary collaboration in the PD process proved fruitful, resulting in valuable adjustments to Emobook for its integration into MT. This collaborative effort accelerated the assimilation of technological competencies, promoting the integration of knowledge in adapting the tool for music therapy practice.

This comprehensive process led to the decision to evolve Emobook into Emobook-MT, tailored specifically for Music Therapy. Although this study relies on the PD process for adapting technology rather than the results of an MT intervention, it advances the potential benefits of technology-enhanced reminiscence for people living with dementia. Furthermore, considering that the use of digital technologies in MT shows promise in improving emotional engagement and social interaction.

While the study provides valuable insights into the intersection of music therapy and technology, it also highlights the need for further exploration, particularly to bridge the experience with existing evidence on technology in MT. The literature investigation encountered challenges due to gaps in knowledge, which influenced study decisions and highlighted the scarcity of scientific literature on relevant topics.

The next phase will address the technical implementation of the software features to give full coverage to the initial requirements identified for Emobook-MT. Then, a second pilot study of the evolved version will be carried out, to evaluate the effectiveness in monitoring mood effects during and after the intervention, assessing persistence, and determining ongoing treatment needs. The PD process will be repeated based on the results obtained during the second pilot study.

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