

# Memorable

## *Personalized entertainment for people with dementia*

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## Week 5 Report

### Current Milestone 3 Goals:

Complete basic implementation of all application features

- a) Implement data exchange and patient profiles
- b) Conduct usability testing and iterate based on design feedback

### This week, we completed the following:

- Continued implementation of application
  - Finished up front end pages
  - Decided on which features to continue implementing and which to cut
  - Worked on integrating backend with frontend
    - Incorporated music player in the slideshow
    - Connected personal image uploading with the database
- Tested application on tablet devices (Nexus 7 and Kindle Fire)
  - Fixed scaling issues and other bugs
  - Tested touch capabilities of pages
    - Jigsaw puzzle does not work well with touch
    - Screen size feels small and selections must be precise
- Volunteered at Briarwood Health Center  
(See volunteering notes for details)
  - Chatted with residents and played puzzles and games with them
  - Observed resident interaction
  - Sought caretaker feedback and advice on current prototype
    - Decided to design the application for larger tablets (iPad / tablet pc)
    - Confirmed other design choices

### In the following week we plan to:

- Create functional jigsaw puzzle
- Connect music playlist, puzzle, slideshow and resident views with database
- Include data and content for more residents