MyMemory: User Cognitive Walkthrough

Task	Comments
Add a photo of a family or friend	✓ Likes how information is made readable ✓ Colours are good and easy to tell the difference between family, events etc. - Was confused by having to press twice to submit details due to having to close the keyboard first (android issue) - Additional messages to show what fields are missing is needed (e.g. text and highlighting) as user was not sure what she missed - Agreed that a tutorial is needed to show how the app works and navigation before first usage
Go to the person's profile and edit their date of birth	- Android calendar was difficulty to see how to change the year and the "year is not always necessary"
Add a photo of an event	- From Gallery was not sure how to get back to add photo – add photo should be in the header so it is always on screen - Back buttons should be labelled to tell user where it leads
Find and delete the event you just added	- Struggled to find delete option, needed help – non-experienced users may not have natural sense for navigation of technology to go into edit then remove.
Go to settings and turn off daily reminders	✓ Completed easily
Play the quiz till the end	✓ Very good and easily guided navigation (users respond better when actions are clear)
Extra Comments	Believes the app would be useful and likes the overall concept, would use it if a tutorial was given so navigation was clear to prevent confusion.
Participant: Iris Barber	**Age:** 79

Future Improvements:

- Some user input would be better as drop-downs that auto-complete text such as relationships, reducing the amount of typing and possible mistakes.
- More conditional changes for captions to allow flexibility dependant, such as showing the number of months if an event was less than a year ago.
- Prevention of cropping photos to fit the view.
- Better, simpler calendar for date picking.
- Changing dates for readability (1999/21/03 to 21st March 1999).
- Place buttons in right of header for consistency (edit, delete, and add photo).

Future Developments:

- Additional settings to customise interface (font and icon size, colours, and more)
- Account creation for secure data-access and offline availability
- Ability to choose what information to be tested on, with difficulty levels (e.g. multi-choice vs typed and relaxed vs timed)
- Family/Friend accounts with permissions to add entries to a user's account from their phone
- Facial tagging so photos of multiple people are identifiable
- Allow photos to be enlarged on touch and ability to crop to fit views