combining reminiscence and music therapy
to create personalized entertainment for people with dementia

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Dementia is estimated to have affected nearly 15% of Americans over the age of 70 in 2010
PROBLEMS

gap in personalized entertainment

complex stakeholder relationships
PROVEN TECHNIQUES

reminiscence therapy

music therapy
How do we balance caretaker responsibility and family interest to provide personalized entertainment for people with dementia?
FIELD WORK

- volunteering at Briarwood Health Center
- interviews with caretakers and family members
- interview with a BHI researcher
RESIDENT PORTALS
ENRICHMENT ACTIVITIES
FAMILY VIEWS

Grace Johnson
Puzzle Difficulty
2 x 2 3 x 3 4 x 4

Favorite Photos

Favorite Music

<table>
<thead>
<tr>
<th>Song</th>
<th>Artist</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surfin’ U.S.A.</td>
<td>The Beach Boys</td>
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<tr>
<td>Cry For A Shadow</td>
<td>The Beatles</td>
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<tr>
<td>XOX</td>
<td>Jesus &amp; Mary Magdalene</td>
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</tbody>
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DESIGN INSIGHTS

personalization   |   familiarity   |   family interest   |   repetition   |   constraints

family members manage content
residents enjoy engaging with familiar content
families are curious about how their loved ones are doing
residents replay the same puzzles
DESIGN INSIGHTS

personalization | familiarity | family interest | repetition | constraints

need simple navigation and limitations
SCENARIO

Esther plays puzzles and views slideshow
Choose a Resident

Enter Resident Name

Alfredo
Grace
Esther
Frank
Gerard
Winston
Eileen
Heather
SCENARIO

Anne visits her mother, Grace, at the care home
thanks!

any questions?