The INTERACCT Medical Diary

Univ.-Prof. Dr. Helmut Hlavacs
Research Group Entertainment Computing
Faculty for Computer Science, http://cs.univie.ac.at
University of Vienna, http://www.univie.ac.at
helmut.hlavacs@univie.ac.at
http://entertain.univie.ac.at/~hlavacs/
INTERACCT - Integrating Entertainment and Reaction Assessment into Child Cancer Therapy

https://www.interacct.at/
INTERACCT - The Consortium (2013-2016)
Interacct (www.interact.at)

Integrating Entertainment and Reaction Assessment into Child Cancer Therapy

Smartphone App
- Medical diary
- Daily story from story DB
- Medicine management
- Game ecosystem
  > Upleveling avatars
  > Gaming world
  > Game container
INTERACCT Islands
Designphase
Designphase
Client - Log In
Physician Interface
Physiotherapy
Hallo!

Erzähle uns deine Tröstgeschichte!

Mit deiner Tröstgeschichte kannst du anderen Kindern, denen es vielleicht momentan weniger gut geht, ganz einfach Trost, Mut oder Abenteuer vermitteln. Wenn du willst kannst du auch eines oder mehrere Bilder zu deinen Geschichten malen, oder überhaupt eine Tröstgeschichte für die ganz Kleinen hochladen.

Die beliebtesten Geschichten der letzten 30 Tage

Die beliebtesten Geschichten überhaupt

<table>
<thead>
<tr>
<th>Name</th>
<th>Bewertungen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Die verzauberten Fußballschuhe</td>
<td>707</td>
</tr>
<tr>
<td>Der wahre Traum</td>
<td>213</td>
</tr>
<tr>
<td>Die Schatzsuche von Lux</td>
<td>151</td>
</tr>
<tr>
<td>Die vermauerten Kitten</td>
<td>89</td>
</tr>
</tbody>
</table>

Gefällt dir diese Geschichte? Dann klicke hier!

Die gesprengte Mauer


Als die Welt zu tanzen begann

Tröstgeschichten
Studies

- Preferred narrative: adventure, islands, city, ...
- Game design, story lines: age and gender differences
- Usability of the App
- Physiotherapy tool
- Occursus study
  - Healthy kids vs. HSCT patients
  - Paper diary vs app
  - Question: do we have a better data quality and motivation with the app?

...
Publications and Awards


Kayali, F., 2015, Games for Health Europe, November 2015, Utrecht, NL

Peters, K., 2015, Paper presentation: "INTERACCT: Remote Data Entry System with Game- Elements for young Leukaemia Patients" Paper Healthcom 2015, October 2015, Boston, USA.

Kayali, F., 2015, Paper presentation: "Participatory Game Design for the INTERACCT Serious Game for Health ". 1st Joint International Conference on Serious Games (JCSG 2015), Huddersfield, UK. June 3-4 2015


Peters, K., 2014, Poster presentation: "Interacct - Serious Game Scores as Health Status Indicator" Poster presented to the MIE2014, September 2014, Istanbul, Turkey.
