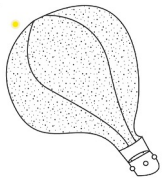




Dreamship Framework

Health Management Interface for International Research-Based
Non-Profit for Pediatric Palliative Care

Alberto Tono, Hannah Tono, Gabriel Hare, Joseph Leybovich
Computational Design Institute

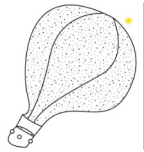




Dreamship Framework | Problem

challenge to:

find custom applications for Pediatric Palliative Care specific for age, culture, and medical condition [1]



[1] Author, Title, Conference, 2024.





Dreamship Framework | Healthcare Metrics

Possible **metrics** to track the development of custom applications:

- Number of **vett**ed applications:
 - for VR and Pediatric Palliative Care
 - in the context of specific regions
 - for specific age groups
 - for specific medical condition
- Crucial for caregivers to evaluate the applications based on the child's response.



Dreamship Framework | Categorization

Dreamship Framework

Our solution is the Dreamship Framework as presented by Hannah Tono during the Dreamathon. [2]

Our solution consists of all 3 categories:

- Restful Dream
- Playful Dream
- Lucid Dream

[2] Tono H. et al. , Dreamship Framework, Conference, 2024.



Dreamship Framework | Solution

Dreamship Framework

Health Management Application and Verification System to automatically classify each application. Our solution will:

- Classify Immersive Applications based on:
 - Age group
 - Medical condition
 - Geographic Location
- Allow caregivers to evaluate applications
- Collect anonymous data from the patient users:
 - Differential privacy and Federated learning



Dreamship Framework | Demo

THE DREAMSHIP FRAMEWORK

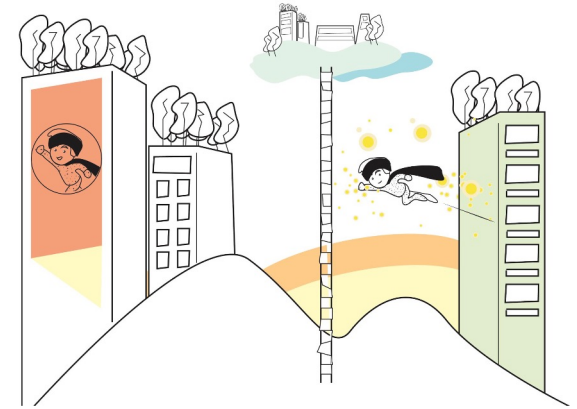
Restful Dream



Playful Dream



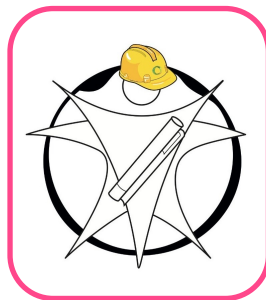
Lucid Dream





THE DREAMSHIP FRAMEWORK

Restful Dream



Vitruvio:
[5-12]



CoDeIn:
[5-7]



CoDeIn:
[5-7]



- Logo with availability of the app in specific headset model.

- Name of the app
- Age Group
- Score
- Dreamship Certificate



Dreamship Vetted: this app has been tested internationally and approved by an International Medical Board with Pediatric Palliative Care Doctors in that specific region.

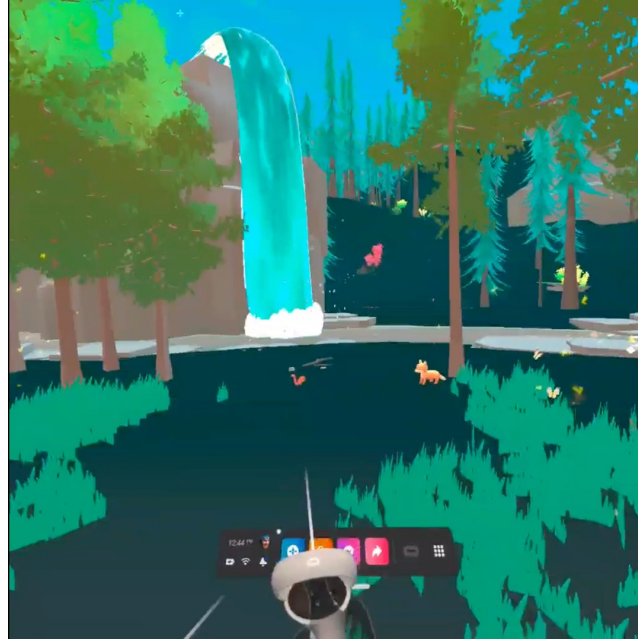


Score: the app has been scored by the respective caregivers

[5-7]: Age Group



Demo Video





THE DREAMSHIP FRAMEWORK

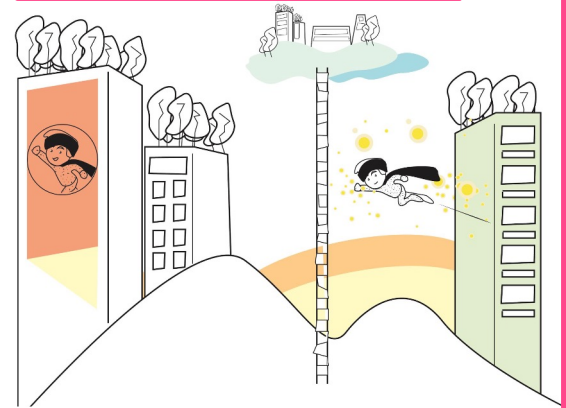
Restful Dream



Playful Dream



Lucid Dream





THE DREAMSHIP FRAMEWORK

Playful Dream



Eagle:
[14-18]



Demo Video



VIDEO PLACEHOLDER

