

DropBottle

Make communication in Long-Distance Relationships an Interactive & easy process

The maintenance of long-distance relationships is an ongoing challenge for people who are having romantic relationships in a distant setting. Geographical distance settings are the major contributors for having conflicts and arguments.

Presented by **Team TakeUrHeart**



Introduction

Demographic

Young adults in LDR with Asian Culture

Problems

- Difficult to communicate due to different time zones
- No interactive in communication
- Sharing with plain text can be dull

Solutions

- A platform for sharing ideas & messages
- Embed interaction into the design
- Getting couples to actively share their thoughts



DESIGN PROCESS

Ideate

Domain: LDR communication
form of solution: mobile app

Emphathise

Interview
Survey
Cultural Probes

Design& Prototype

Concept proposal
Low-fid prototype

Evaluate

Peer-critique
Interview
Survey

Design

Wireframe
UI design
Med-fid Prototype

Prototype

UI design
Interactions
High-fid Prototype

Evaluation & Prototype

User testing
Final Prototype

Literature Research

Prior to design and implementation of our design concept, a thorough research has been done on the existing solutions for LDR communications, including CMC channels and interactive artefacts. Although these approaches were innovative and insightful, we found that these artefacts simply did not meet the users' expectations as the majority of them did not survive the user testing in a longer period. Furthermore, the attempts of imitating human interactions failed as it was difficult to reproduce fidelity of human touch.

User Research

The initial user research was done on our peers who are currently in LDRs or previously experienced it. We were able to carry out interviews and surveys and get to know their main conflict patterns and previous experience with communication applications. We found that the most preferred way of communicating was via video chat, but due to its limitations such as time zone differences, they had to use messages for asynchronous communication.



REQUIREMENT RESEARCH

The final prototype includes three features:

- View local time
- Send bottles
- Receive bottles

User testing results showed that the most of participants were satisfied with the prototype as they considered it as a great facilitator for communication within couples in long-distance relationships.



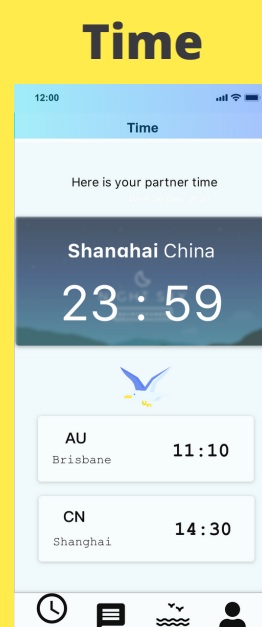
PROTOTYPE EVALUATION



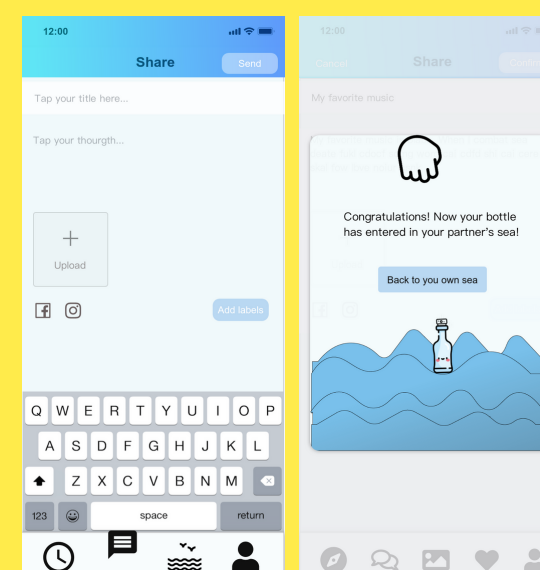
FINAL PRODUCT



Bottle



Share



User profile

