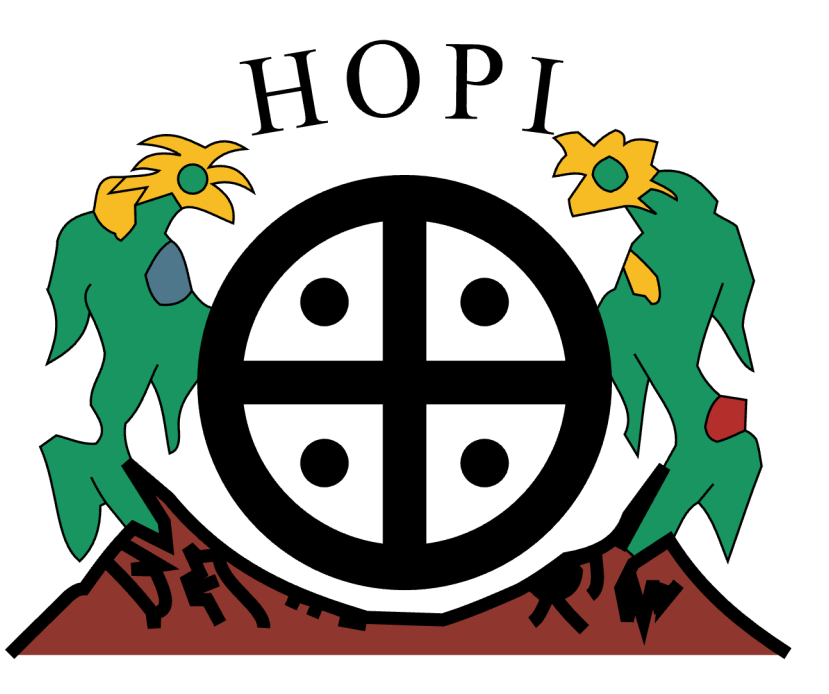


Qöyangnuptu Project: Smart, Connected, & Culturally-centered System to Support the Well-being of Hopi/Tewa Youth

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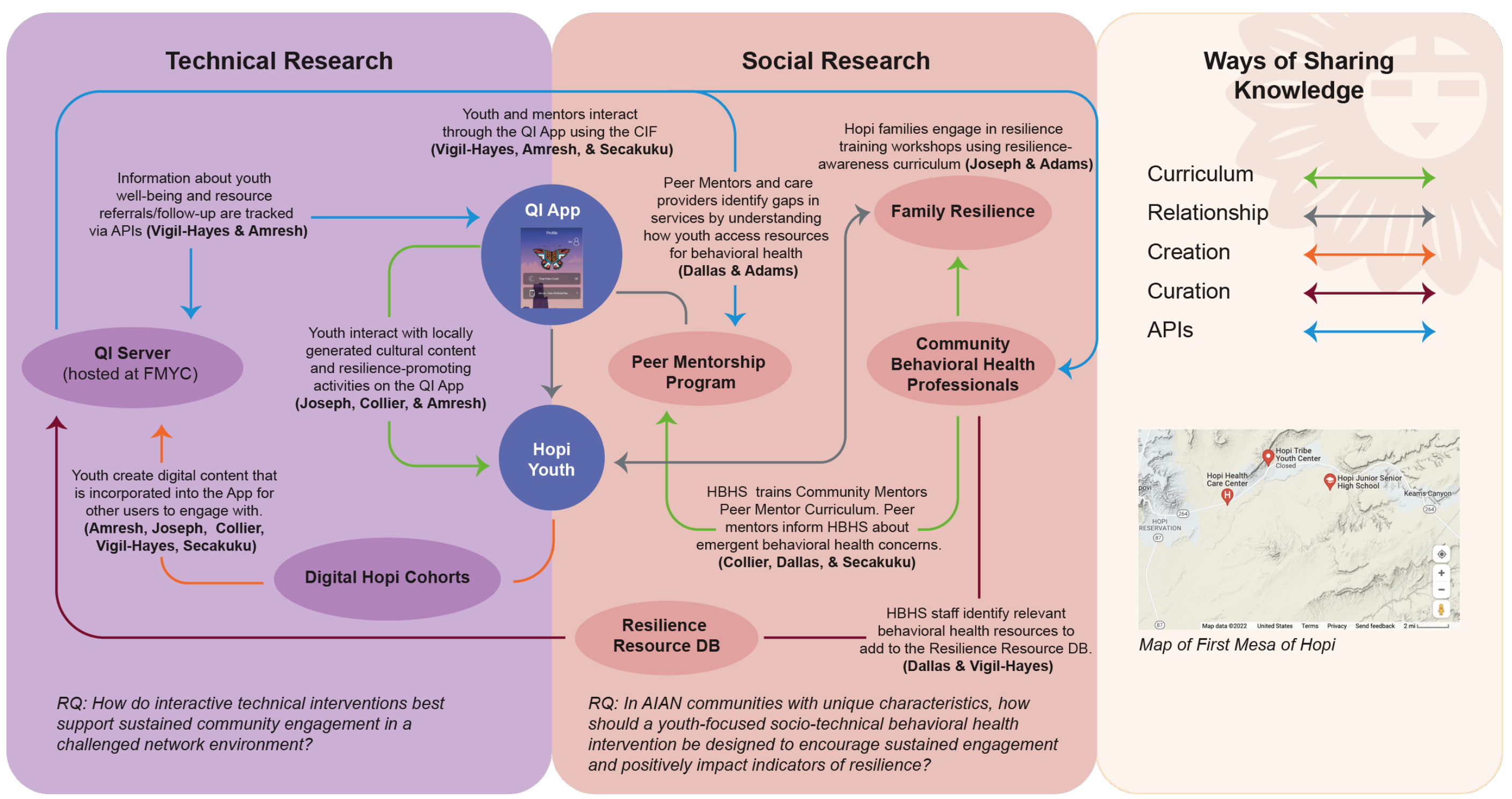


Qöyangnuptu is Hopi for “dawning sunrise”

Project Challenge

Native American (NA) youth complete suicide three times more frequently than their white counterparts and 60% have experienced severe mental health distress. While mobile health and telehealth options have helped address some of the gaps in mental health care in underserved communities, they often fail tribal communities due to the lack of ubiquitous Internet connectivity and the lack of cultural relevance in both the design of software and mental health content.

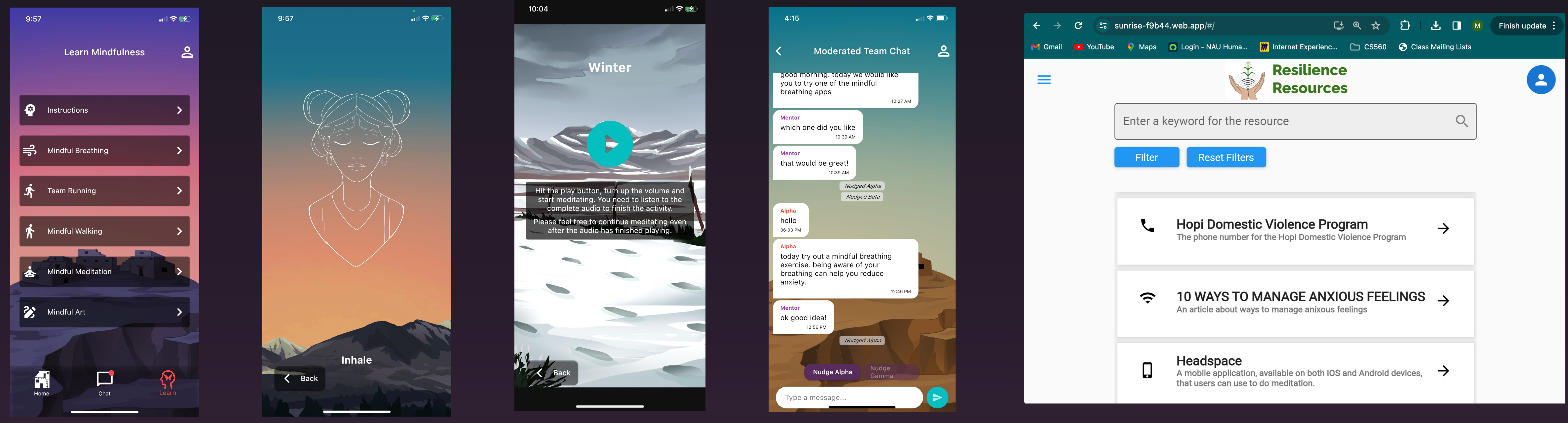
Intellectual Merit



Future Goals

- February 2024: Release RRDB for public usage
- April 2024: Pilot QI App and Peer Mentor Program with 12 Hopi Youth and 4 Hopi Peer Mentors.
- Summer 2024: Data analysis & evaluation; refine software; disseminate findings; Hopi Youth Digital Cohort Session 2
- Fall/Winter 2024: Pilot QI App and Peer Mentor Program with 24 Hopi Youth and 4 Hopi Peer Mentors

Major Progress



Screenshots from the Qöyangnuptu App and the Resilience Resource Database.

The QI App and RRDB were iteratively developed through a series of participatory design cycles. The QI App was developed using Flutter and Firebase for Android and iOS platforms. The RRDB was developed as a web app with Flutter and Firebase.

Community Engagement & Broader Impacts



- March 2023: All-hands meeting in Hopi to review alpha version of QI App & identify key elements of Peer Mentorship Program and Family Resilience with community partners.
- May 2023: Presentation for Hopi Tribal Council to secure resolution of support.
- July 2023: Meeting with Hopi BHS in Flagstaff and at Hopi to refine Peer Mentorship Program.
- August 2023: Meeting with Hopi BHS in Hopi to iterate on RRDB prototype. First Hopi Youth Digital Cohort workshop at Hopi Jr/Sr HS.
- September 2023: Presentation and demonstration for 150+ members of the Hopi community as part of annual Hopi Wellness Fair
- January 2024: Meeting with Hopi BHS in Flagstaff to finalize Peer Mentorship Program. Sharing of results and consultation with Hopi Cultural Protections Office.
- February 2024: Demonstration of beta version of QI App to be piloted in April for Hopi BHS staff in Hopi.

Scan Below to Learn More



Project Website



RRDB Demo Site