Engaging all research stakeholders.
Cloud-based tools for collaborative qualitative project management, data collection and sharing.

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Collaborative participant based research challenges

**Participant based research:** research which conducts data collection through the administration of defined research tasks (interviews, surveys, experiments and observations) to a group of individual participants/subjects.

Challenges:

- Increased project/ study size
- Increased number of researchers/ stakeholders
- Increased data collection sites and locations

No identified tool to streamline research process and to assist in handling and transfer of sensitive information for ethical research collaboration.
Functional and ethical requirements for qualitative collaborative services

No clear framework or accreditation standards for software and hardware used to handle sensitive information

Cloud Based Services

- Functionality
  - Good. But none provide a complete participant based solution

- Secure
  - Good security

- Data-management
  - Poor transparency regarding access, ownership, location & disposal

- Ethical
  - Service Level Agreements (SLA)/ End-user Level Agreements (EULA) designed for different intend use.

Traditional Services

- Functionality
  - None provide a complete participant based solution

- Secure
  - Inconsistent security frameworks

- Data-management
  - Poor transparency regarding ownership, access and disposal

- Ethical
  - Non-existent SLA/ EULA. Inefficient. High file duplication and task redundancy
Quadrant is a secure, web-based, cross-institutional research project management and data collection platform for participant based researchers.
Quadrant

- Functionality: a self-managed, integrated collaborative environment for data collection and project management

- Secure: encrypted data, communications and robust information architecture

- Data-management: clearly identified process, ownership and destruction mechanisms

- Ethical: minimisation of task duplication and redundant processes; audit and tracking features; guaranteed country of hosting (NeCTAR private research cloud)
Participant Login

- Engage participants in data collection, checking and information dissemination
- Methodologies that require participant checking (patient diaries, photo-voice, survey’s etc)
- Streamline consent processes and appointments
- API – enabled integration with other internet enabled devices (medication dispensers, camera phones etc.)
Other Stakeholder Engagement

- Functionality to allow for access to project information meta-data (project reports) without access to confidential information
- Secure document sharing and communications
- Streamline progress reporting
Quadrant is currently in invitation-only trail release.

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