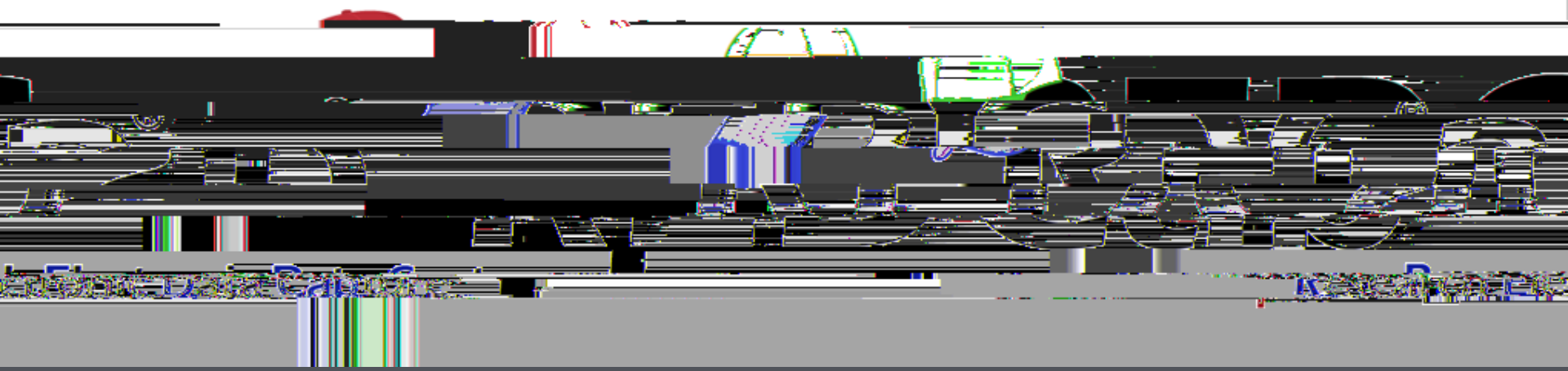


An introduction to UoR REDCap



A secure web application for managing data collection in participant-based research

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How does it work?

- A project database consists of one or more **instruments**
Records link together instrument data
- Instruments can implemented as **data entry forms** (completed by logged-in REDCap users) or **surveys** (completed by participants)
- Supports cross-sectional and longitudinal data collection
- Data validation, reporting and quality control
- Data can be exported in CSV, R, SAS, SPSS, STATA for analysis
- Activity logging provides a full audit trail



- Secure environment for managing identifiable information
- User accounts/two-factor authentication
- User rights to view, edit and export data can be specified
- View/edit permissions can be set for each instrument and record
- Identifier fields can be tagged, allowing de-identified views and exports



Why use REDCap? - Usability

- Simple and intuitive to use, embedded helps, training videos
- Online access supports large teams and multi-site projects
- Features!
 - longitudinal scheduling
 - e-consent
 - secure file transfer
 - mobile app for offline data capture
 - API to connect to other applications



- Non-commercial research projects with a member of UoR staff as PI
Non-commercial research funded by commercial organisations, e.g. through industrial sponsorship, is



- Projects must be approved by a REDCap administrator to move from development (design) to production (live data collection)
- Confirmation of ethical approval for research projects must be provided: REC, REC reference, approval date, approval expiry date
- Student projects must be authorised to begin live data collection by the PI (supervisor)



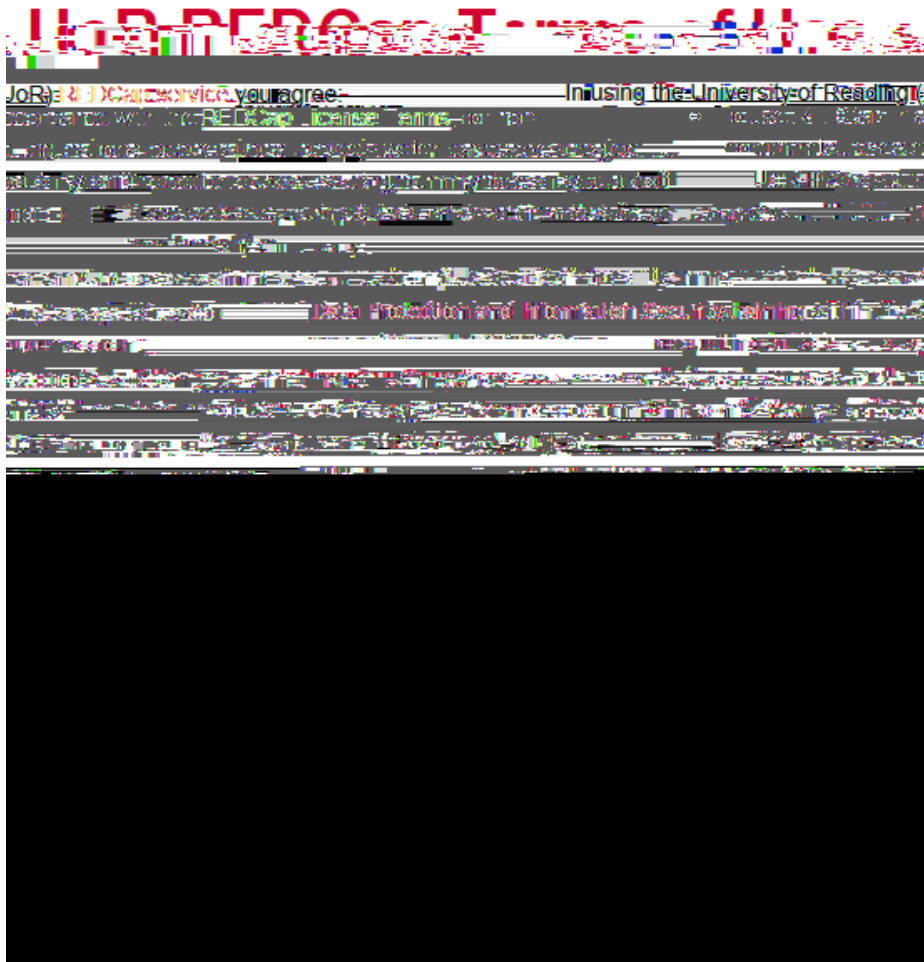
Practice projects

- Anyone with a user account can set up a practice project
- Practice projects allow you to try out the full range of REDCap functionality
- ... But must be maintained in **development status** only; they cannot be used for real data collection



- When project is complete data should be exported and deposited in a **data repository** for long-term preservation and access
Use de-identification functions in data export to anonymise
- Then delete the project from REDCap (inactive projects left on REDCap will be deleted – but not without notice!)

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- Use REDCap for non-commercial purposes and do not use it to provide services to a third party
- Must have read the University's **Data Protection** and other Information Compliance policies, and the **Data Protection for Researchers** guide*
- Sponsors responsible for the sponsored user's compliance with Terms of Use
- PIs/project owners responsible for compliance with Terms of Use

* <https://www.reading.ac.uk/imps/data-protection/data-protection-and-research>



- Contact uor-redcap@reading.ac.uk
- REDCap

<https://tinyurl.com/uor-redcap>



Thank you

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