

“Offline” Mobile App

Instrument Design Recommendations

- Be kind to Mobile Data Budgets
 - Minimize images or attachment field types
- Remember the screen size is limited
- Keep instruments short
- Cut down on free text where possible



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Instrument Design Recommendations

- Minimize Data Quality Rules that execute in ‘realtime’
- Remember, you cannot use fields that rely on internet connectivity like SQL query, Bioportal Ontology lookup
- Use Auto-numbering for record IDs
- Extra rigorous testing before going live



“Offline” Mobile App Data Capture and Sync Recommendations



In General:

- Sync frequently
- Sync using a good internet connection
- Take note of any error messages
- After sync, log into the online REDCap and verify that the records are present
- If in doubt, do an emergency data dump!
- Verify that the data dump file has appeared on the server side
- Once it is confirmed that records/data dump is on the server, refresh and reset your project

“Offline” Mobile App Data Capture and Sync Recommendations



Project Design Changes:

- Changes can be designed in draft mode without affecting fieldwork
- **NB!! Before submitting drafted changes, communicate to all fieldworkers to sync their data and verify that sync was successful**
- No additional offline data should be collected until changes have been implemented
- Submit drafted changes for review/approval
- Notify fieldworkers that they have to refresh and reset project to receive the latest version including the changes
- Data collection can be resumed