Herp Atlas:
Preliminary Usability Testing Results

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Scenarios & Tasks

- Two main app features: **creating** observation & **editing** observation

- Two scenarios total to cover both features

- Two tasks per scenario:
  - Scenario 1:
    - Create and submit **complete** observation
    - Create and save **incomplete** observation
  - Scenario 2:
    - Edit incomplete observation
    - Modify upload settings

Metrics

- Both scenarios
  - Quaternary success:
    - Success/fail, with/without help
  - Number of attempts to submit
  - Number of required fields missed
  - Number of edits to form
    - Only needed if required fields missed
- Scenario 2 only
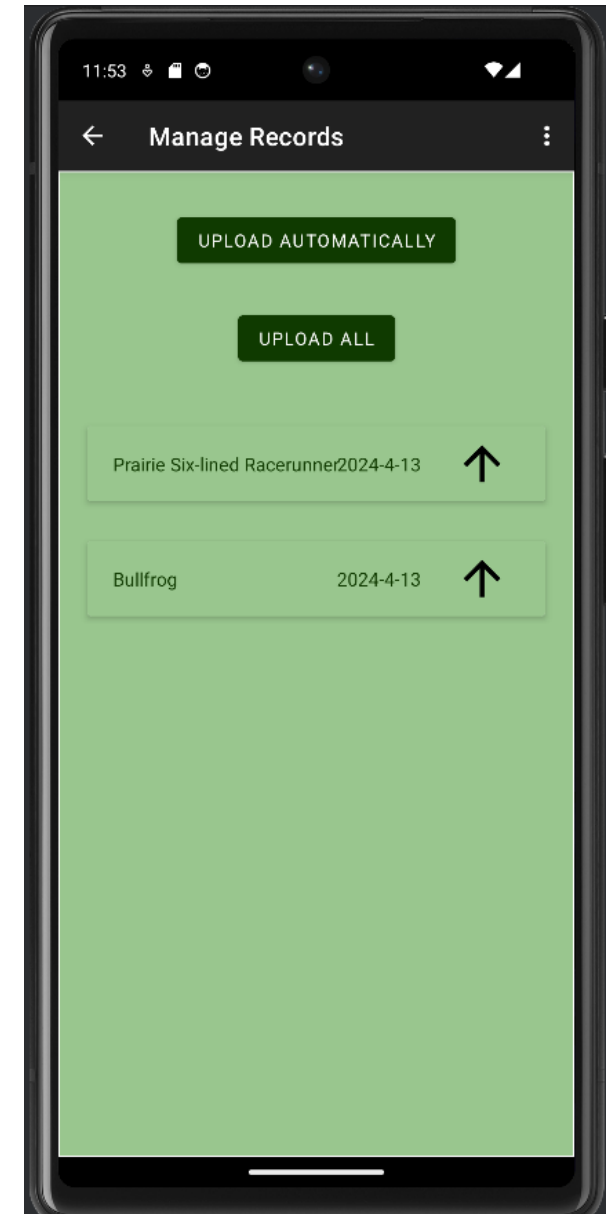 - Number of navigation attempts

Quantitative Results

- ***Note: first two participants could not complete task 2.1 (edit observation)***

- All participants made complete observation

- Only one user correctly saved incomplete form
  - One went to help page

- All participants edited observation
  - One went to help page

- All modified settings
  - All but one participant used the overflow menu

Qualitative Results

- Most participants found the app simple to use
- Some participants wanted help guides about the app
  - Currently only help on observation information, not app itself

- Participants suggested:
  - Greater color contrast on observations page
  - Adding time to observations

Bugs

- Two categories: functionality & UX
- Functionality – 5 total
  - 1 caused a crash
  - 4 impacted testing tasks but did not cause a crash
- UX – 3 total
  - Save and exit flow was not clear
  - No participants uploaded image
    - Multiple asked for that feature
  - User can navigate away from observation page without prompting save

Recommendations

- Make save and exit flow more understandable

- Clarify add image flow
  - Currently not required at submission but will be required later by Herp Atlas team

- Add app help guides to the help page