# **Dandelion Workshop 2 – User Interface**

# **Aim**

Demonstrate user interface prototypes to the client; get their perspective and feedback on the early interpretation of the site’s UI.

# **Functional Requirement Implications**

* Project Lead Approval
  + ‘Your friends’ section – must approve this for each experiment.
  + Icons – must have ability to approve icon uploads; or make them responsible for the upload.
* Sysadmin determines whether reports are public/private – likely private. Final reports are generally expected for each experiment/project.
* Dandelion Knowledge Base
  + A section of the Dandelion site will act as a helpdesk/knowledge base – the site must link to this.
  + Access may be on any level – the public will likely be interested.
* Data
  + Distinguish when data has been recorded by the community.
    - Flag when data has been recorded by a community user; implement with a ‘dummy’ participant.
  + Use conditions to differentiate between data from different schools on collaborative projects.
* Username
  + Format – First Name, initial of Last Name, 3-digit class code the most popular format identified. The option to override this must exist.
  + Visibility – visible to other experiment participants, not to the public.
* Graphing ‘quality’ of student data, as a comparison to node data.

## **Actions**

* Inclusion of a Project/Experiment Settings panel – as a way of approving ‘your friends’, making reports public or private, uploading or managing icons.
* Determine best way to link to Dandelion site – trivial to implement but design/level of content shown will be dependent on amount/format of content on the helpdesk.
* Consider the idea of community data when uploading/display data.
* Implement username format – assume final until further notice.

# **UI Implications**

* Global
  + Data browse page – browse by school or topic.
  + Sign In page – display text that informs the user why they can’t sign in.
* Experiment Participant
  + ‘Your Friends’ section – add school?
  + Observation recording
    - Add/Remove Row buttons on multiple data upload.
    - Upload data file – make sure that column headings match expected?
    - Single/Multiple data – make more clear, possible a modal on hover.
* Project Lead
  + Experiment Creation
    - Allow for node readings in the drop down. Possibly change wording of ‘questions’ to ‘readings’ – user selects between a ‘manual’ and a ‘node’ reading.
    - Allow for pre-set questions. Ability to ad-hoc copy questions from other projects/experiments. Possibly implement as a button next to the ‘add question’ button – ‘add question’ vs. ‘selection question’.
* SysAdmin
  + Alerts – show in advance so that users are more aware of upcoming dates. ‘Upcoming events’ vs. ‘Alerts’ etc.
  + Week by week to-do.
  + Access to node alerts as an extension of the node panel.

## **Actions**

* More focus on modals and tooltips as a way of ensuring user is clear in what their action will do – feedback was positive, and this was requested on Sign In/observation recording pages.
* Consolidate correct way to manage ‘questions’ vs. ‘readings’ and node readings in the creation of an experiment. Should this be implemented at the question creation page?
* Implement pre-set questions – ‘select question’ which acts as a way to copy questions from other projects/experiments/Dandelion templates.
* Show alerts in advance – focus on week-by-week to-dos and ‘upcoming’ events rather than alerts.

# **General Feedback**

* Wording
  + Change wording of Instructions/Help for clarity.
  + Expand on single/multiple data – make more clear.
  + Complete exercise/mark complete – distinguish exercises and observations. Confirmations – ‘Are you sure you want to end the experiment? This will…”
* Student Icons – feedback positive.

# **Project Management**

Dandelion can provide templates end of project/experiment templates. Potentially implement this in a similar way to pre-set document types in Word?

Design deadlines - document the proportions and resolutions of placeholder images. Soft deadline for response on Dandelion icons a couple of weeks - next meeting?

# **Agenda**

* UI
  + Capture project/experiment settings panel in further detail - link implemented as ‘Edit Project’ button.
  + Determine best way to link to Dandelion knowledge base - use the About page or implement as a new page? Have multiple designs ready for levels of content to be shown/available to the user.
  + Increase focus on modals/tooltips throughout the site’s design.
  + Determine correct way to implement pre-set questions.
* General
  + Final updates to Figma where necessary, to iron out new features.
  + Begin website development – authentication and routing.