REDCap

Research Electronic Data Capture

Quick Start Guide

THE UNIVERSITY OF ARIZONA
College of Medicine
Phoenix

© 2015 Vanderbilt University

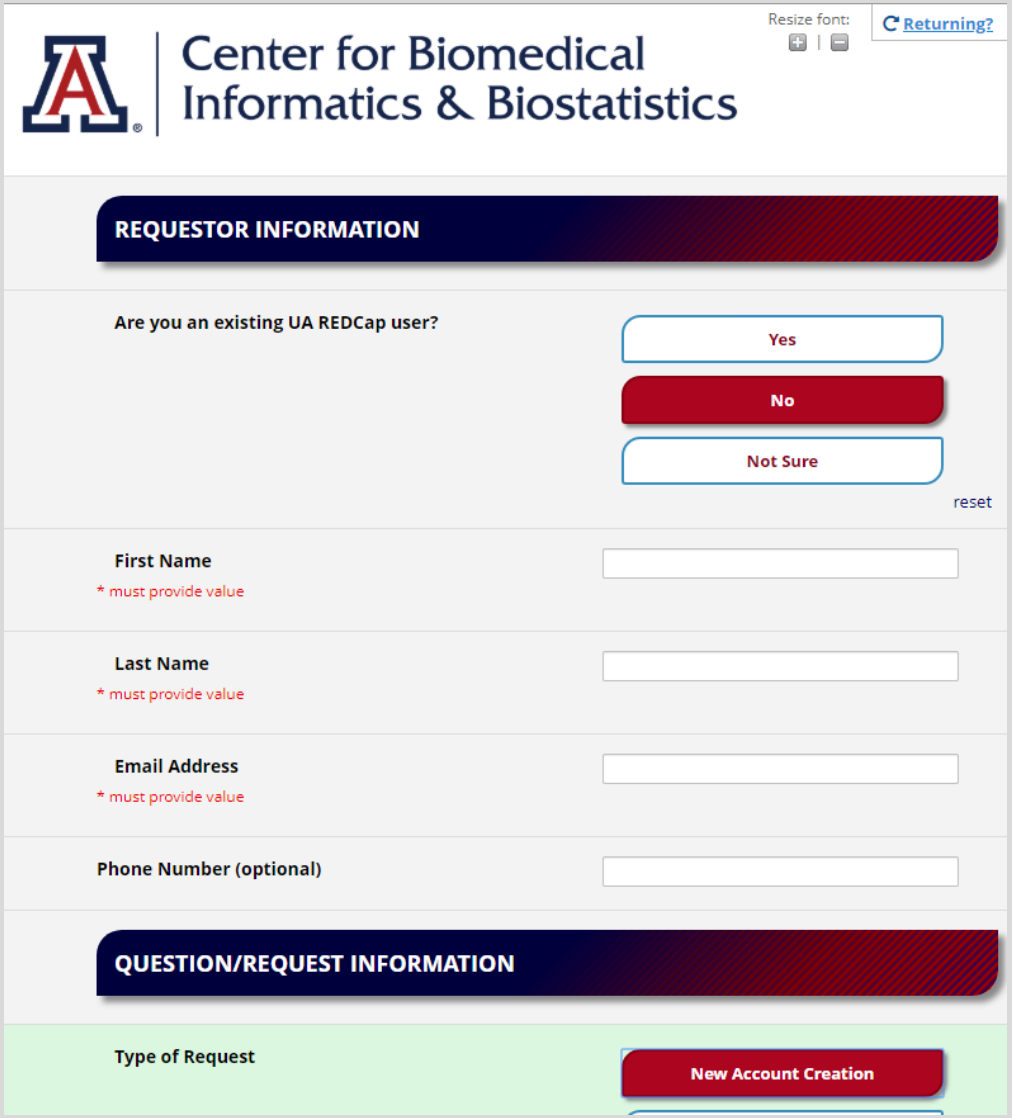
OVERVIEW

- Getting started
- Project creation
- Project development
- Production mode

getting started

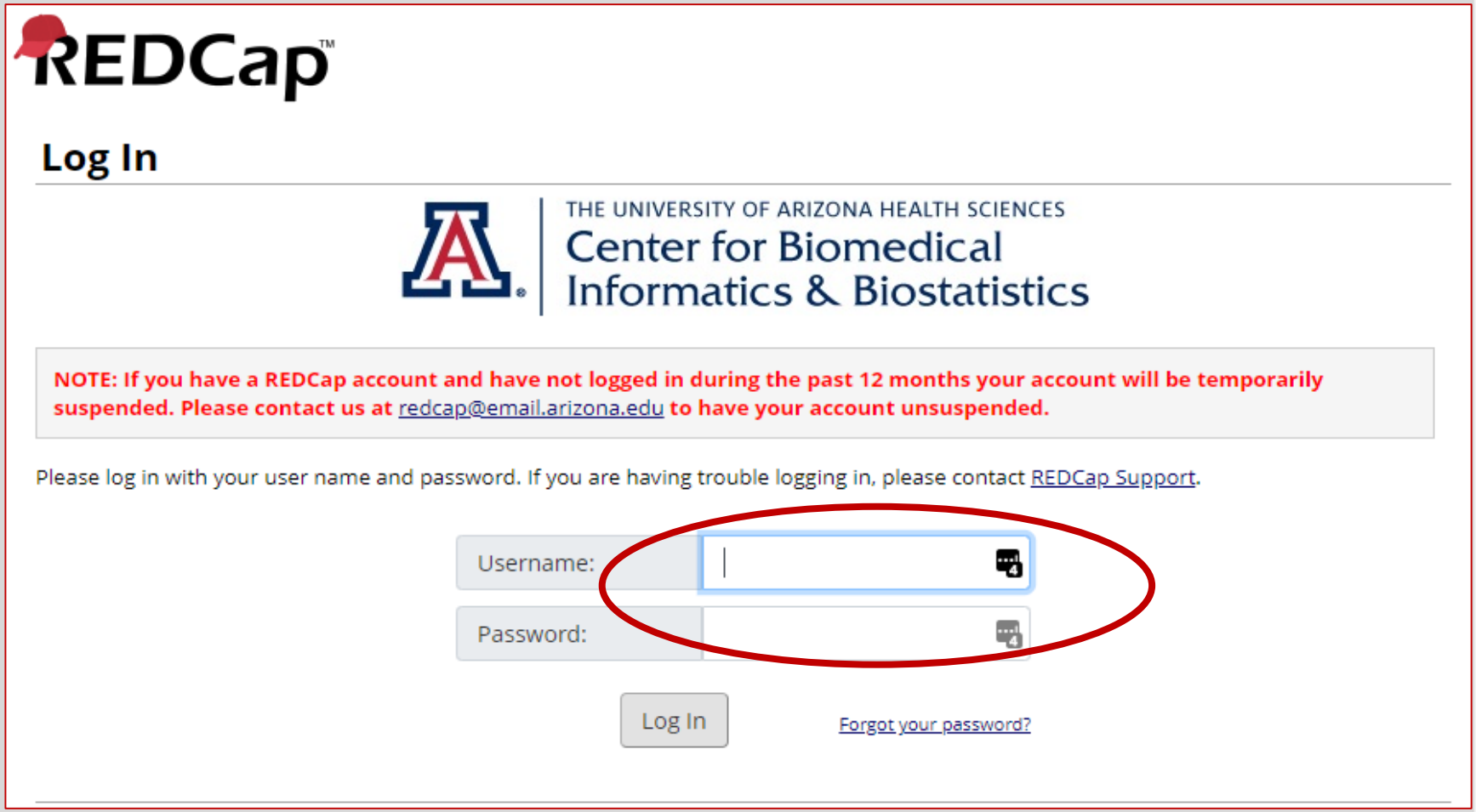
Request an UA REDCap user account at

https://redcap.uahs.arizona.edu/surveys/?s=3NE9TCW98R



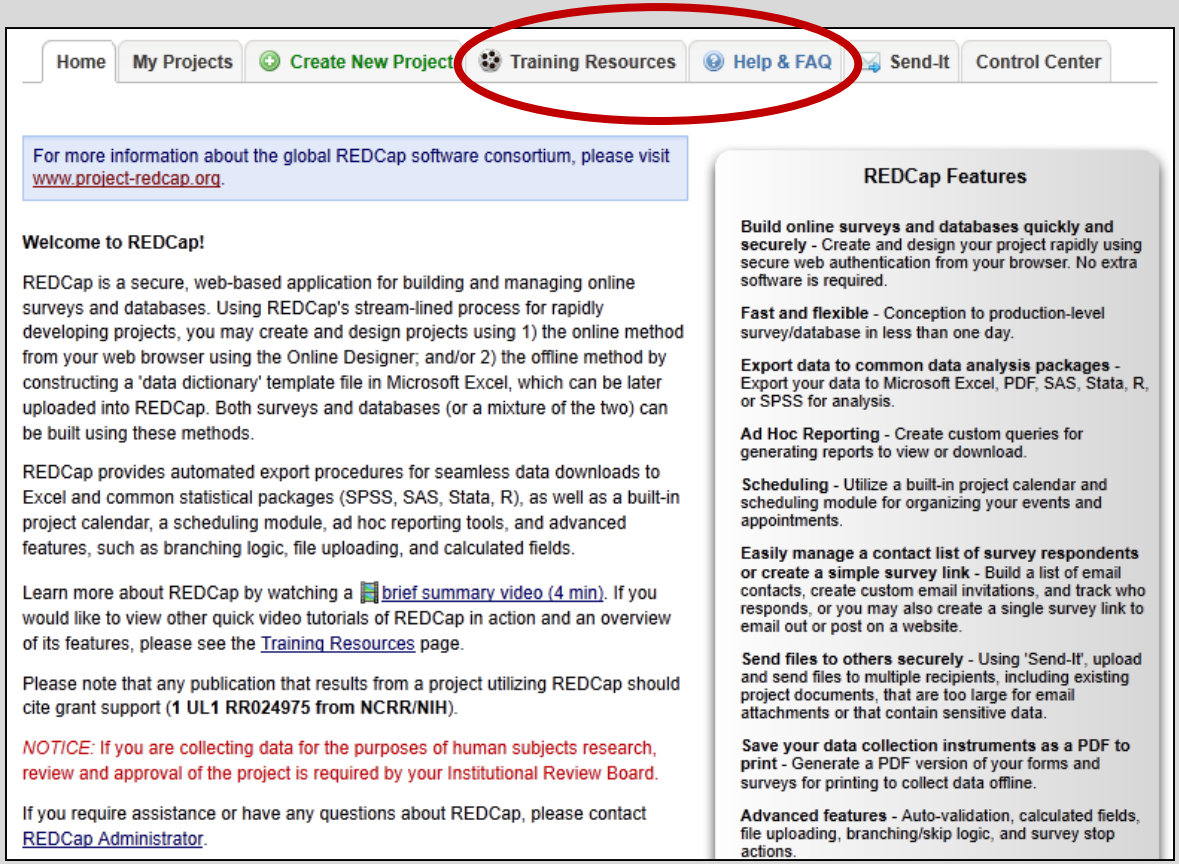
getting started

Login at redcap.uahs.arizona.edu



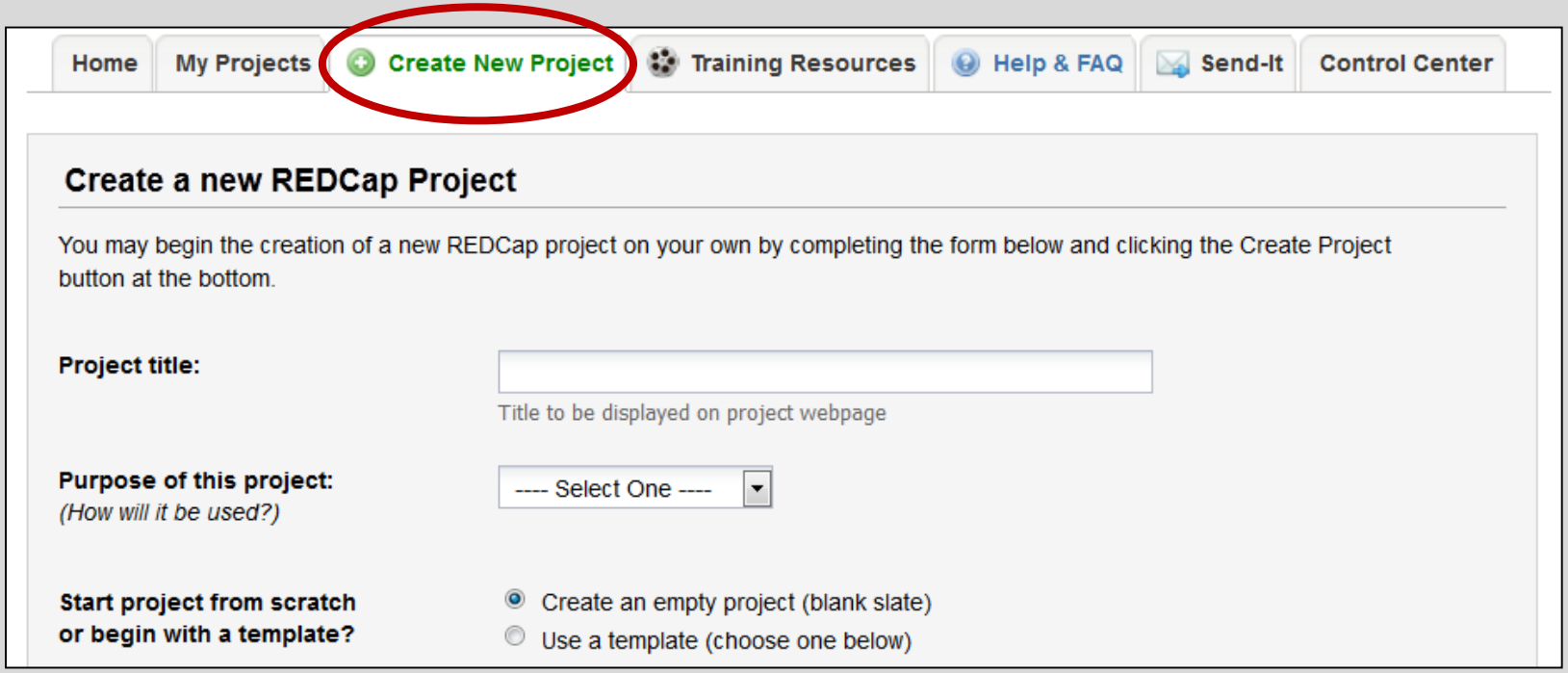
getting started

Explore the training and help resources.



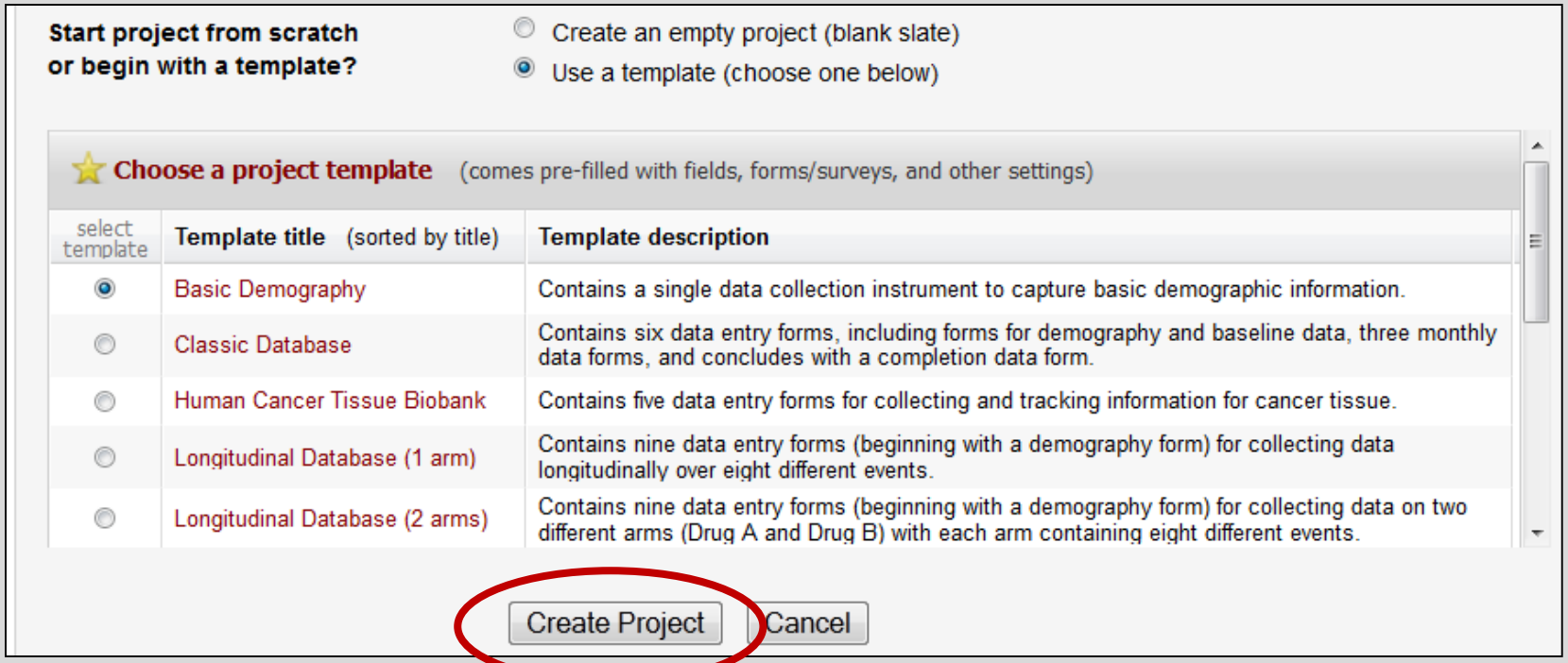
Project creation

On the 'Create New Project' tab, enter the project title and choose a purpose.



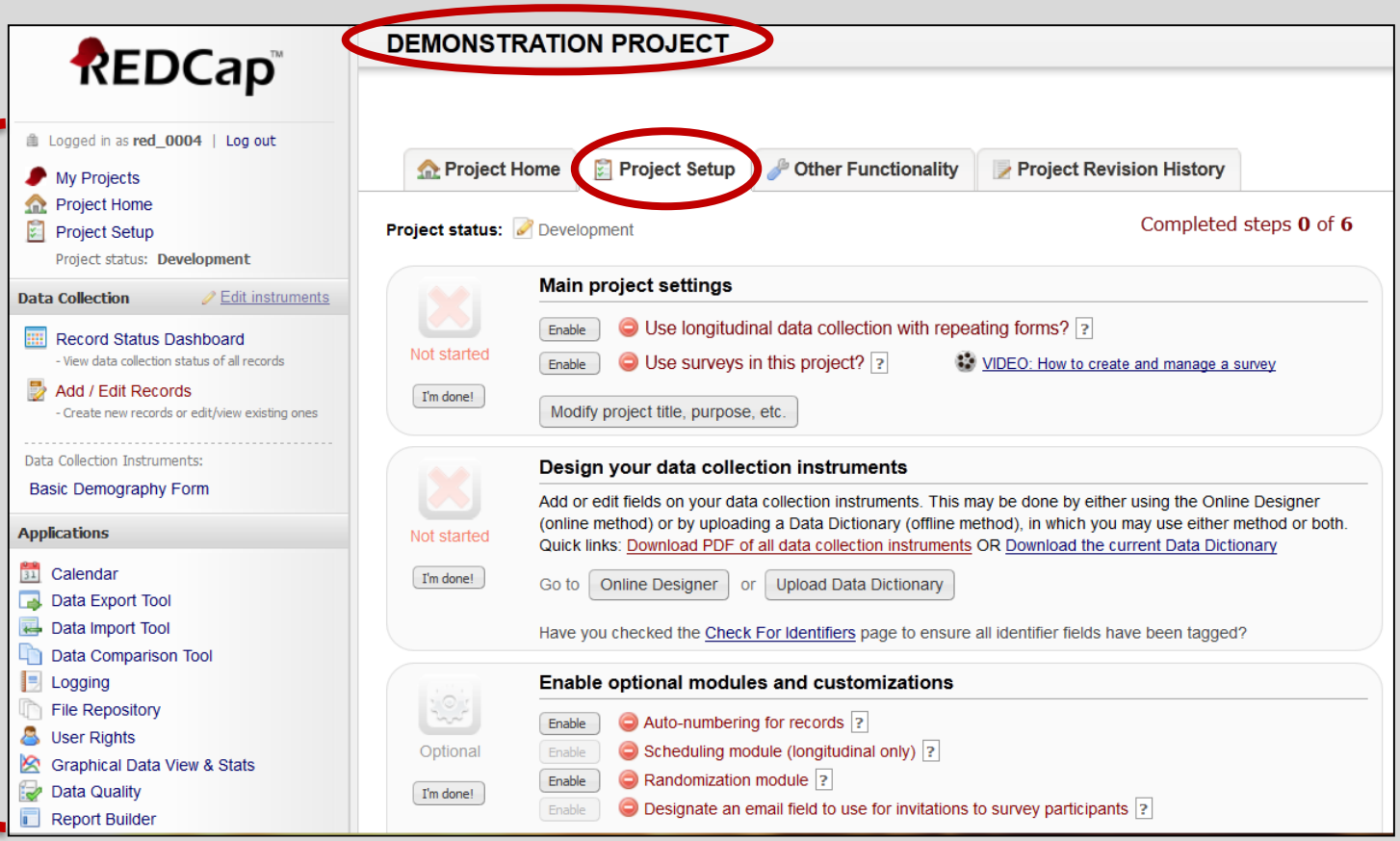
Project creation

Next, choose blank slate or a template, and then click 'Create Project'.



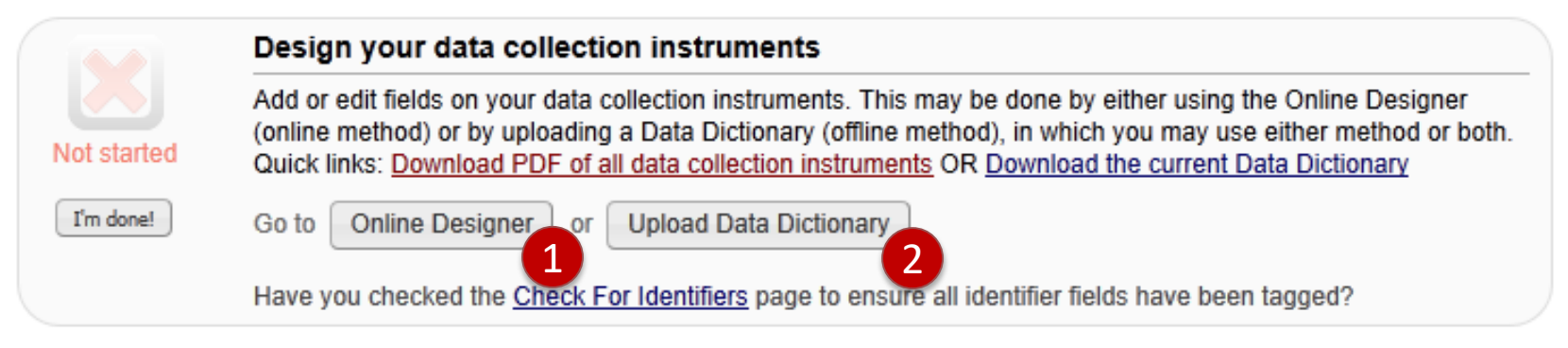
PROJECT HOME PAGE

Within the new project, you'll see the navigational links, project title, and project setup tab.



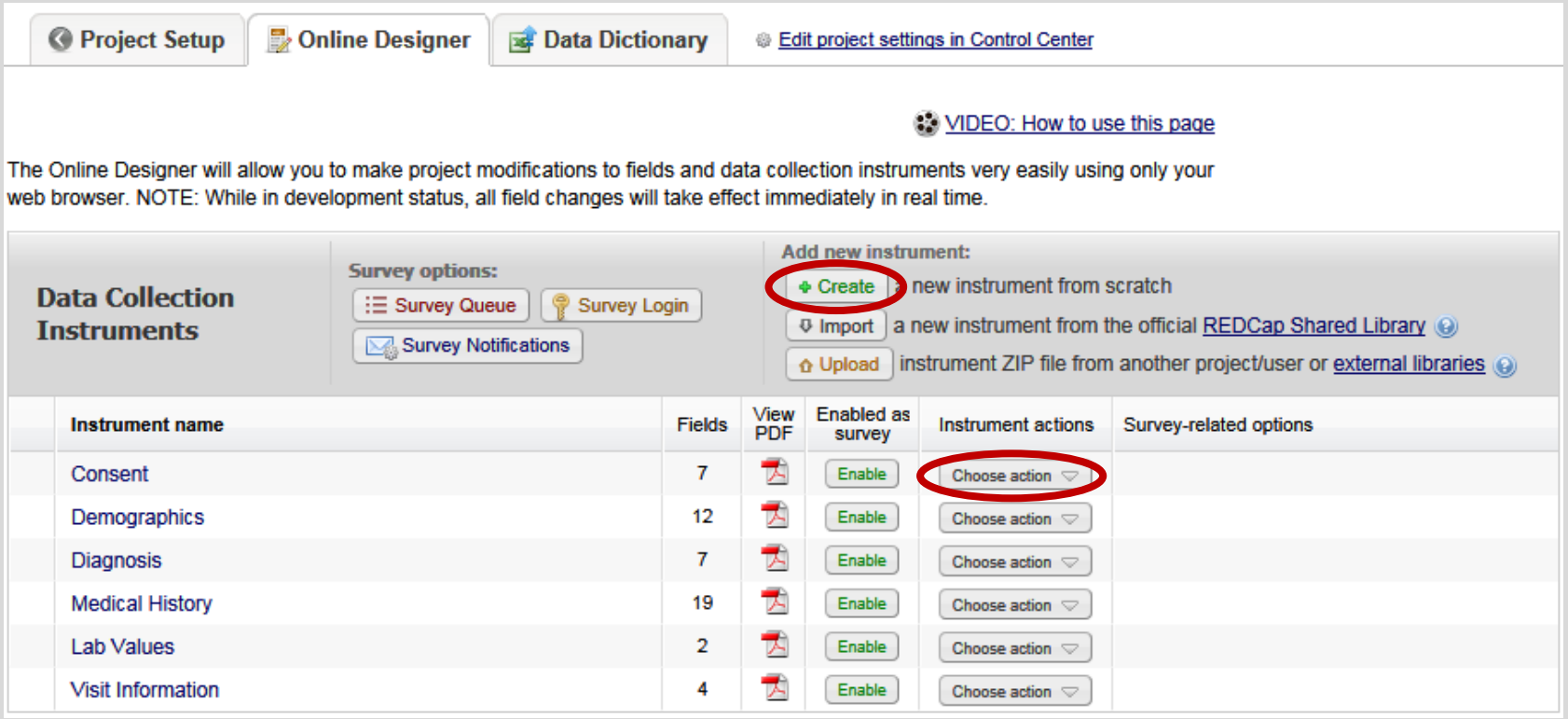
PROJECT DEVELOPMENT

Project development begins with designing data collection instruments. Instruments are the webpages used to enter your data into REDCap. There are two methods to design instruments: the Online Designer and the Data Dictionary.



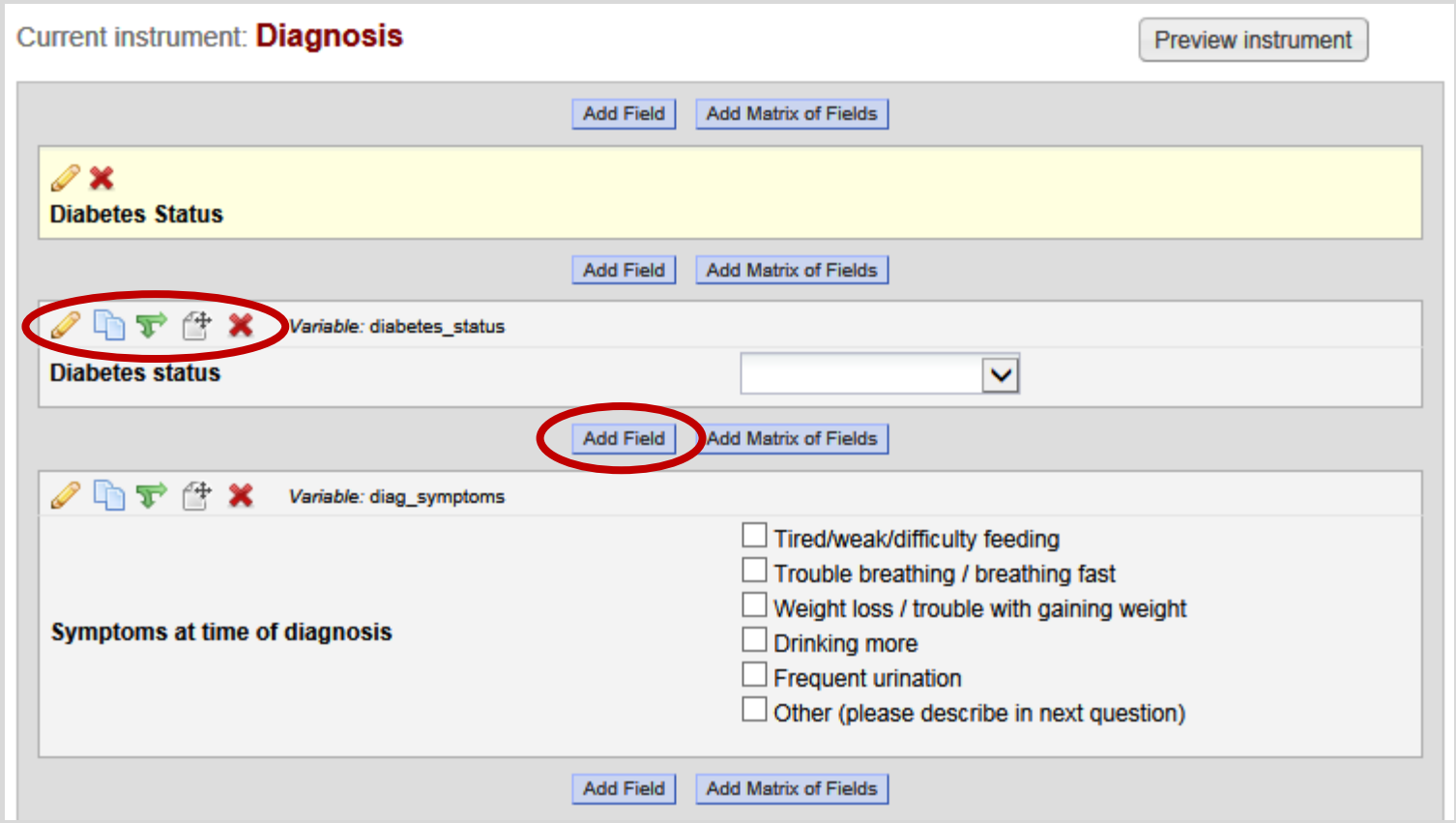
ONLINE DESIGNER

The Online Designer is the fast, easy way to build instruments entirely online. Customize existing instruments, and create new ones.



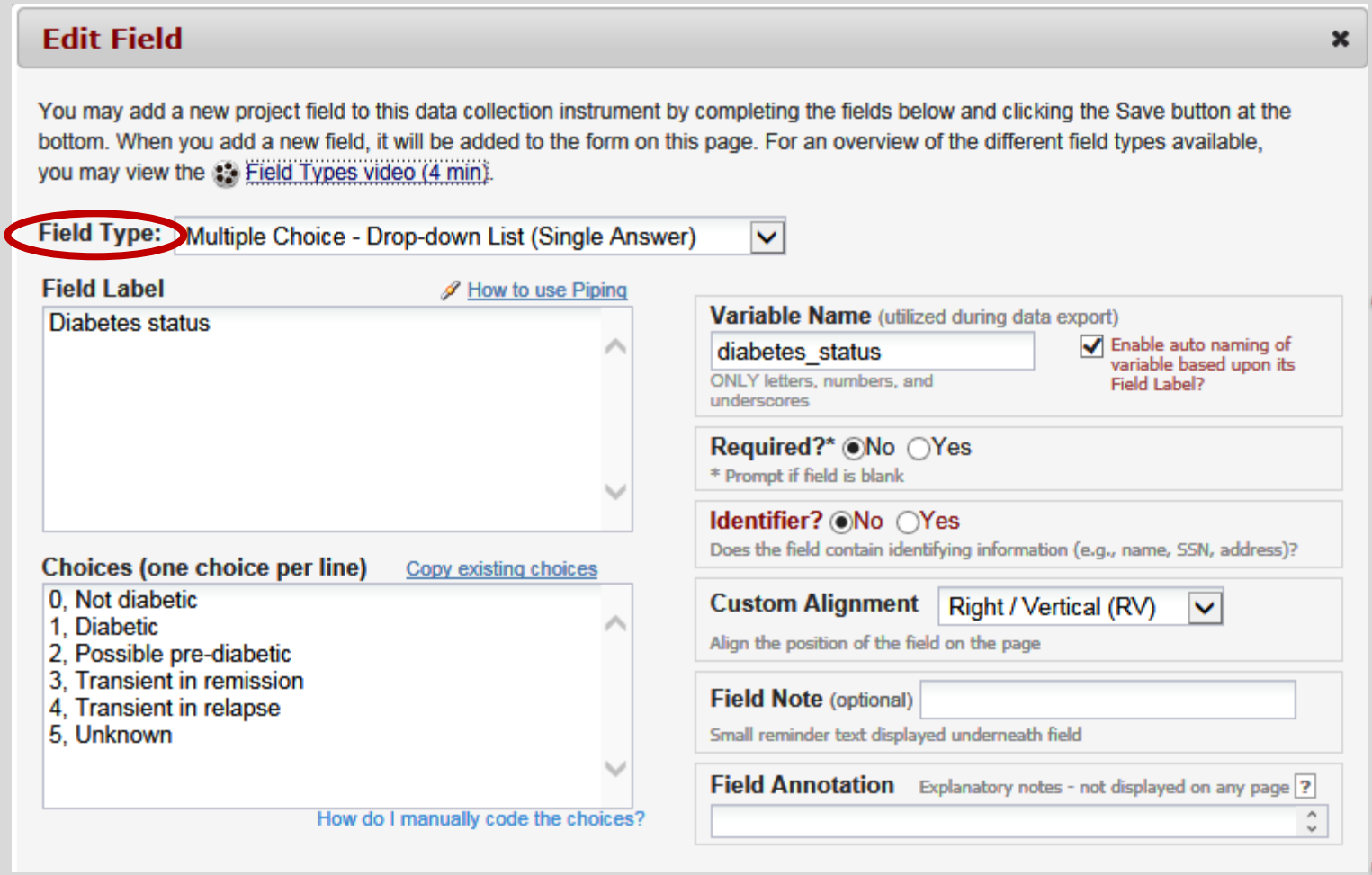
FIELD DEVELOPMENT

The Online Designer makes it easy to customize existing fields and add new fields.



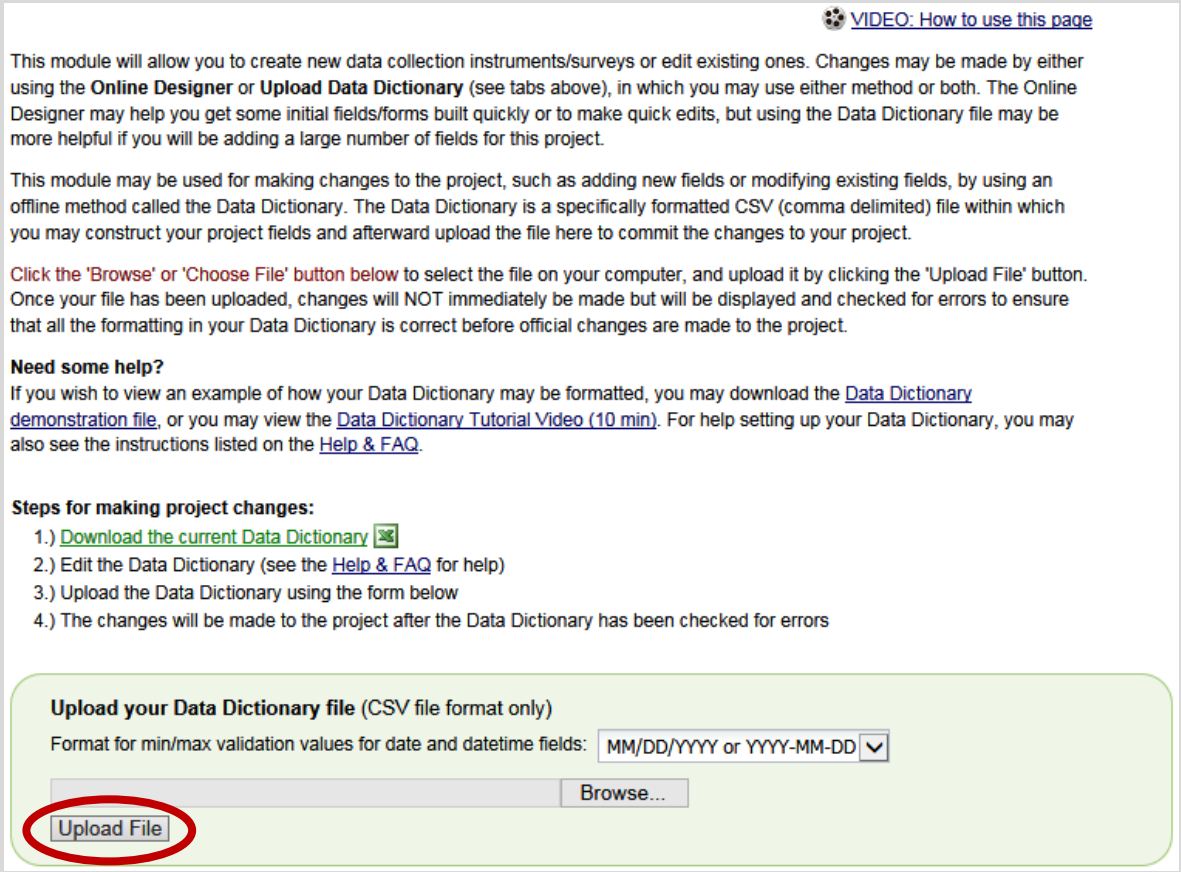
FIELD TYPES AND OPTIONS

Many field types are available, as well as field options.



DATA DICTIONARY

The Data Dictionary method uses a spreadsheet to build instruments. Edit your project fields in Excel, and then upload the new dictionary.



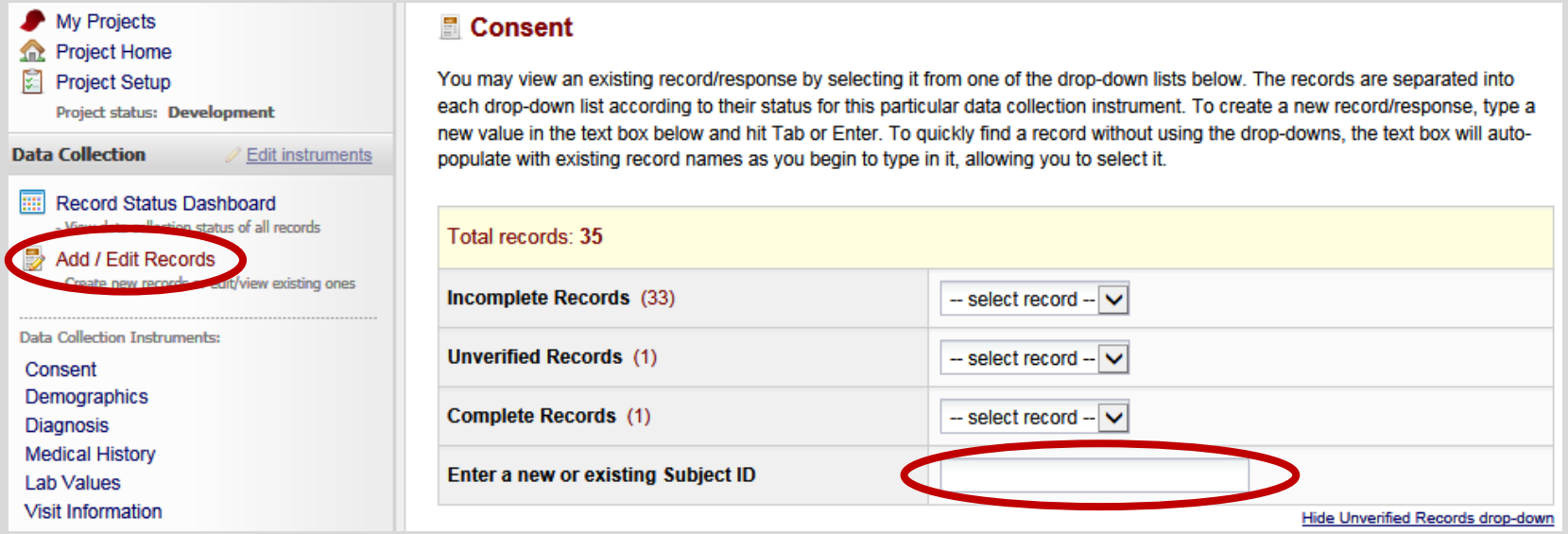
DATA DICTIONARY

The dictionary captures the same information as the Online Designer. Each row corresponds to a field.

	A	B	C	D	E	
1	Variable / Field Name	Form Name	Section Header	Field Type	Field Label	Choices, Calculations, C
2	record_id	basic_demography_form		text	Study ID	
3	first_name	basic_demography_form	Contact Information	text	First Name	
4	last_name	basic_demography_form		text	Last Name	
5	address	basic_demography_form		notes	Street, City, State, ZIP	
6	telephone	basic_demography_form		text	Phone number	
7	email	basic_demography_form		text	E-mail	
8	dob	basic_demography_form		text	Date of birth	
9	age	basic_demography_form		calc	Age (years)	rounddown(datediff([d
10	ethnicity	basic_demography_form		radio	Ethnicity	0, Hispanic or Latino | 1
11	race	basic_demography_form		dropdown	Race	0, American Indian/Alas
12	sex	basic_demography_form		radio	Gender	0, Female | 1, Male
13	height	basic_demography_form		text	Height (cm)	
14	weight	basic_demography_form		text	Weight (kilograms)	
15	bmi	basic_demography_form		calc	BMI	round(([weight]*10000)
16	comments	basic_demography_form	General Comments	notes	Comments	

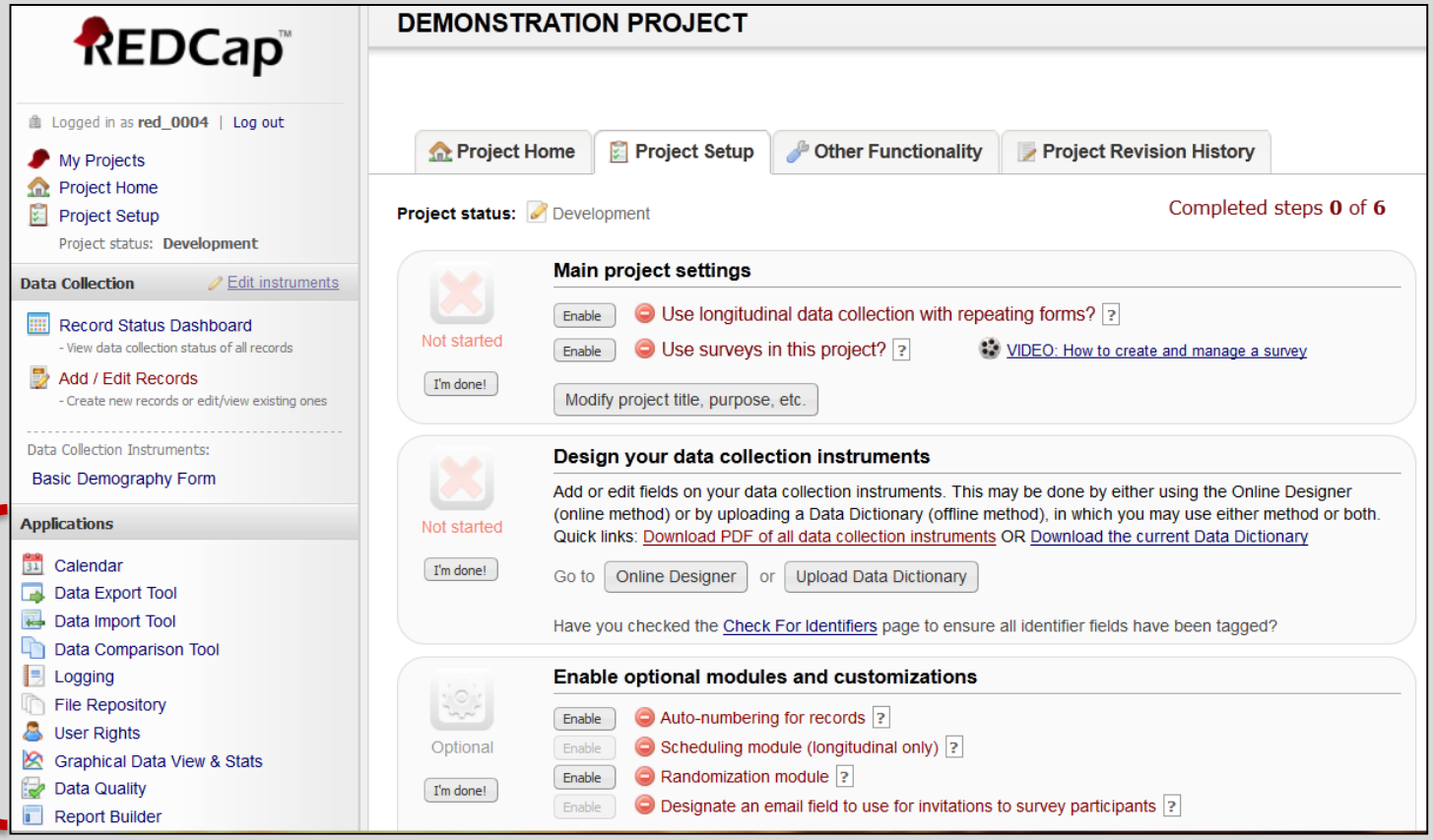
TEST DATA COLLECTION

Use the Data Collection section to test your instruments by entering test data. Entering test data will often lead to more instrument changes.



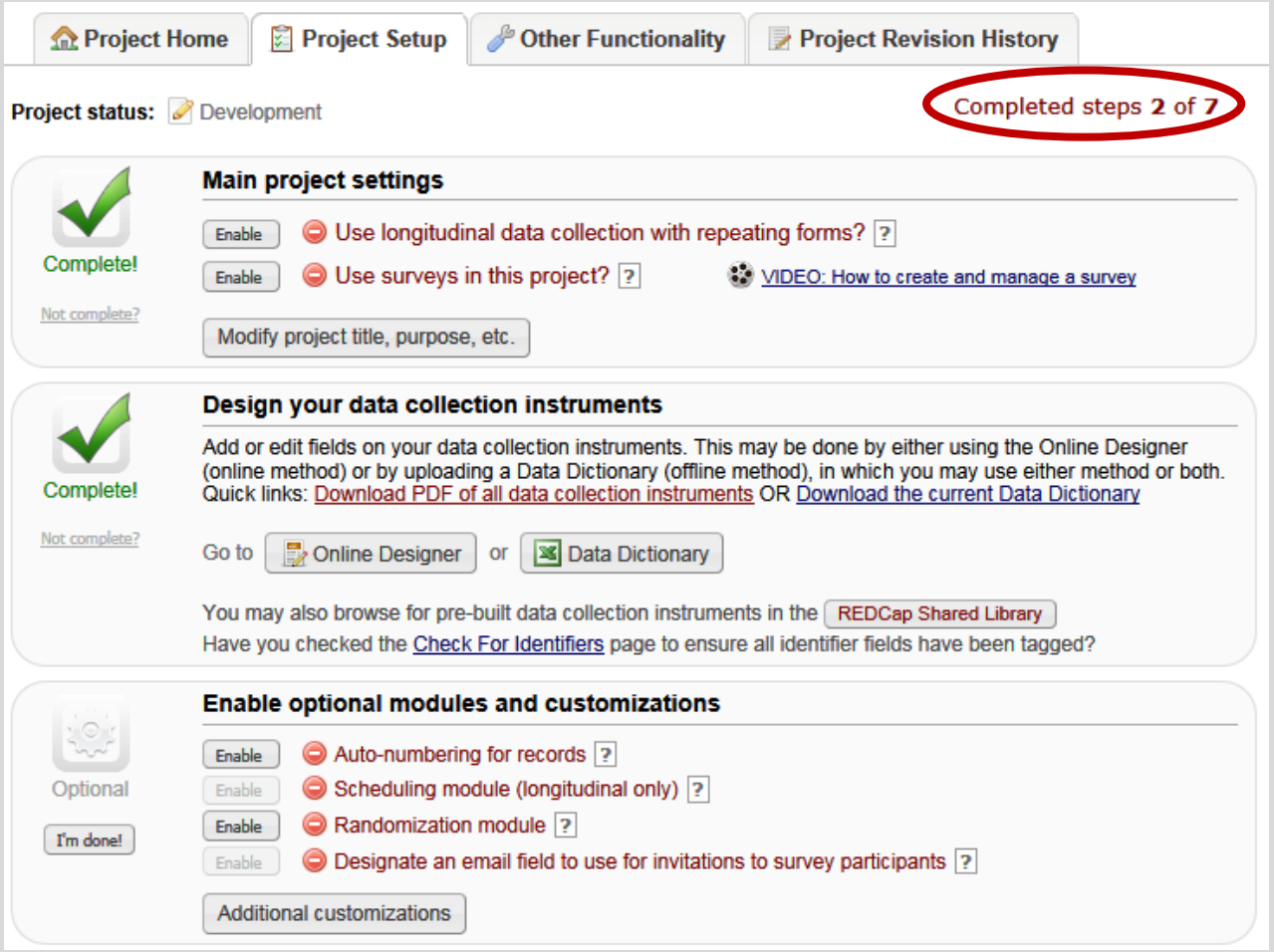
TEST APPLICATIONS

Test the Applications as well. The way you need the applications to function can also lead to changes to your instruments.



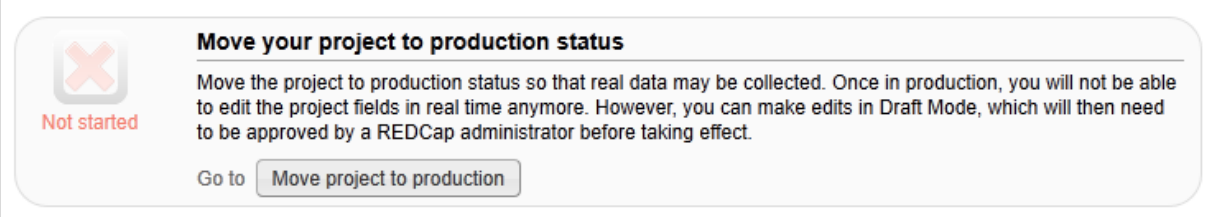
COMPLETE STEPS

Use the Setup tab checklist to track your progress.

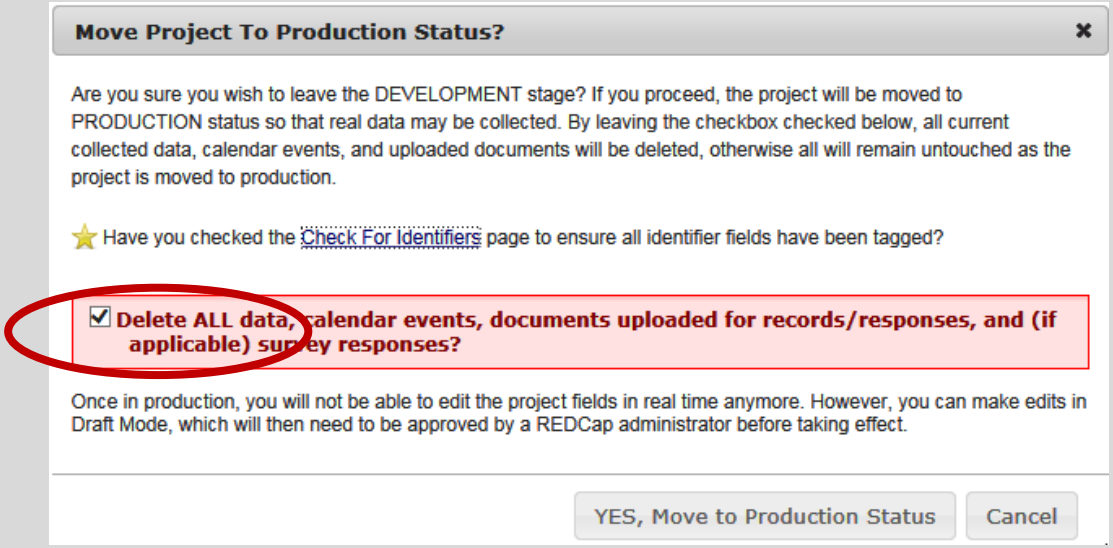


MOVE TO PRODUCTION

When you are ready to begin entering real data, use the Setup tab to move the project to production mode.

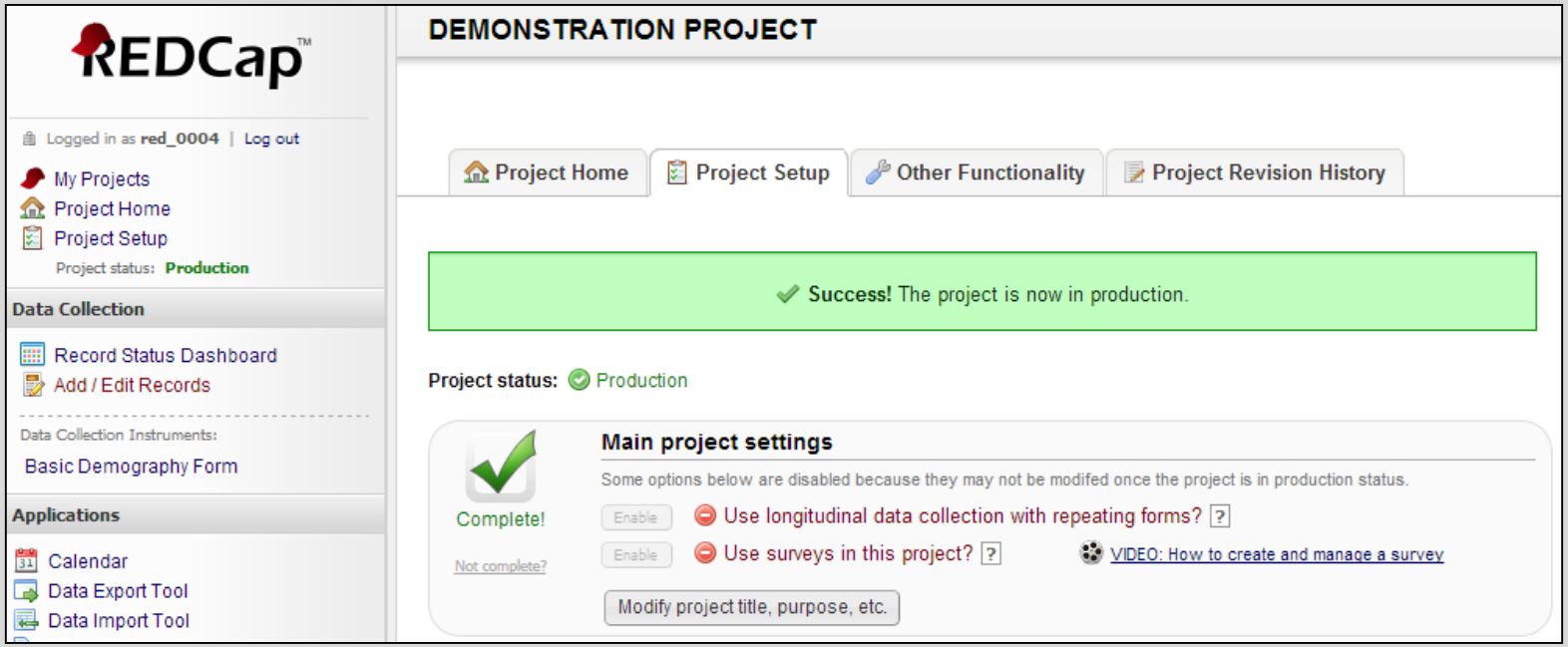


You can delete all practice data by checking this box.



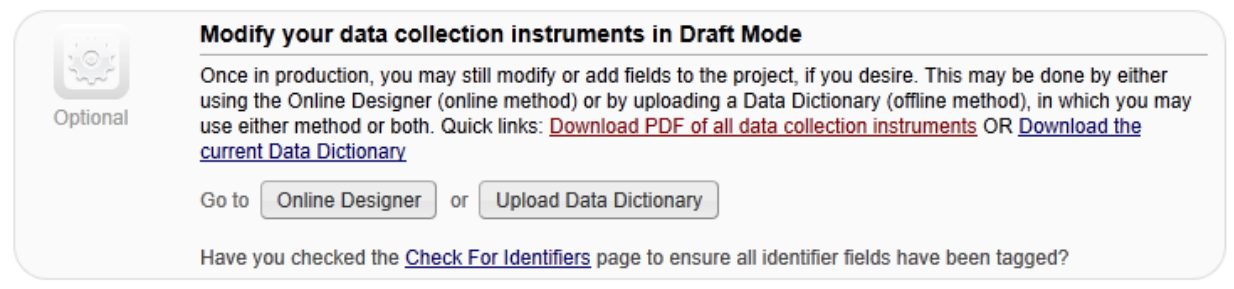
MOVE TO PRODUCTION

Production mode works just like development mode. Changes can still be made to the project in "Draft Mode" which has extra precautions to protect saved data.

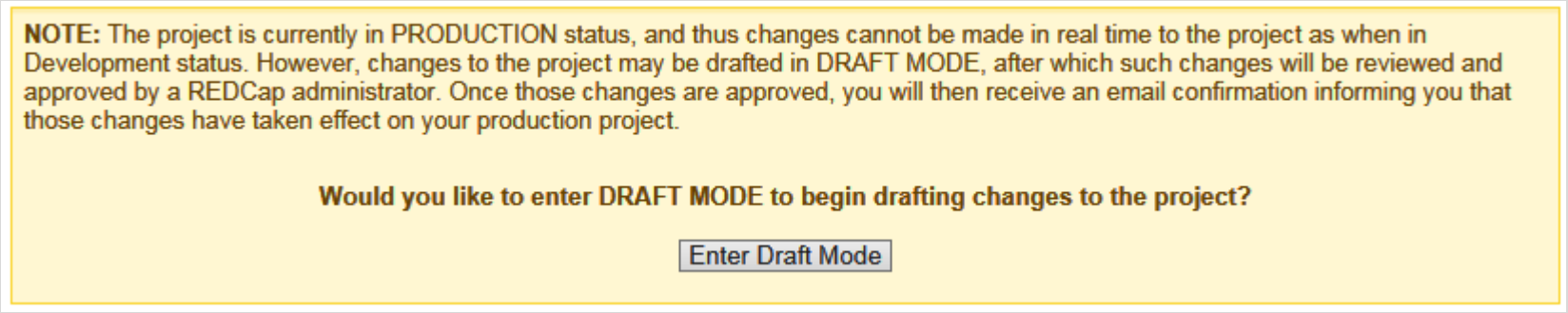


DRAFT MODE

The Online Designer and Data Dictionary can still be used to modify instruments. Click on the 'Online Designer'.



Then click on 'Enter Draft Mode' to make and submit changes.



FOR FURTHER help

website

- https://cb2.uahs.arizona.edu/services-tools/surveys-clinical-databases-redcap

COMP only contact

- dionisiasaner@email.arizona.edu