Iteration 1: Big user stories

View Bird List

As a researcher, I want to view a list of available birds.

Priority: high
Cost: 5 days

Experiments

As a researcher, I want to be able to create new experiments.

Priority: high
Cost: 4 days

Bird Medical History

As a veterinarian, I want to be able to add the medical history of the birds in the lab.

Priority: medium
Cost: 3 days

Search for Birds & Experiments

As a researcher, I want to be able to Search for birds and experiments

(We decided that the previous user story was not essential)

Priority: medium
Cost: 6 days

Iteration 1: Detailed user stories

Display Bird Information

Display information of the bird such as ID and other details

Priority: high
Cost: 3 days

Display Experiment Information

Display the experiment details

Priority: high
Cost: 2 days

Search Bird

Search and display birds

Priority: medium
Cost: 3 days

Delete Birds

Delete Birds and all information

Note: Cannot delete when currently in an experiment

Priority: low
Cost: 3 days

Delete Experiment

Delete experiment and all associated details

Priority: low
Cost: 2 days

Add Bird Medical History

Add bird medical history to its profile

Priority: medium
Cost: 3 days

Search Experiment

Search and display experiments

Priority: medium
Cost: 2 days

Iteration 2: Big user stories

Search Bird by characteristic
As a researcher, I want to be able to search Bird by a certain characteristic such as species, etc.
Priority: high
Cost: 5 days

Trace Genealogy
As a researcher, I want to be able to trace the ancestry of birds we've bred.
Priority: low
Cost: 3 days

Retire Birds
As a researcher, I need to be able to retire birds that cannot be used for experiments anymore.
Priority: medium
Cost: 2 days

Manage Bird and Experiment information
As a researcher, I need to be able to search and edit, bird and experiment information.
Priority: High
Cost: 8 days

Iteration 2: Detailed user stories

Retire Birds

List Bird as inactive

Priority: medium
Cost: 1 day

End Experiment

List experiment as finished

Priority: medium
Cost: 1 day

Edit Bird

Edit bird information through an interface

Priority: high
Cost: 1 day

Edit Experiment

Edit Experiment information through an interface

Priority: high
Cost: 1 day

Edit Bird Medical History

Edit bird medical history information

Priority: medium
Cost: 2 days

Search bird with filters

Search birds using different parameters

Priority: medium
Cost: 3 days

Setup Database

Setup non-volatile database storage

Priority: high
Cost: 6 days

Search experiments with filters

Search experiments using different parameters

Priority: medium
Cost: 2 days

Iteration 3: Big user stories

Manage User Information
As a researcher, I want to be able to restrict access to other users
Priority: medium
Cost: 3 days

Import previous data
As researcher, I want to be able to import old data from excel sheets.
Priority: high
Cost: 4 days

Print experiment summary
As a researcher, I want to be able to print an experiment summary.
Priority: medium
Cost: 4 days

Iteration 3: Detailed User stories