**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 text files. |
| |
| |
| |
| |
| |
| Priority: medium |
| Cost: 4 days |

**Iteration 3: Detailed User stories/ Developer stories**

| User login |
| --- |
| Restrict editing of birds with login |
| |
| |
| |
| |
| |
| Priority: medium |
| Cost: 3 days |

| Import Data from file |
| --- |
| Retrieve information from text file and insert Into the database |
| |
| |
| |
| |
| Priority: medium |
| Cost: 4 days |

| Refactor Code |
| --- |
| Fix outstanding code smells and design issues |
| |
| |
| |
| |
| Priority: high |
| Cost: 5 days |

| Robotium Tests |
| --- |
| Add End to end testing |
| |
| |
| |
| |
| |
| Priority: High |
| Cost: 2 days |

| Fix bugs on prev. user stories |
| --- |
| Fix outstanding bugs on previous user stories |
| |
| |
| |
| |
| Priority: high |
| Cost: 5 days |

| Fix minor bugs in UI components |
| --- |
| Fix components not displaying proper data |
| |
| |
| |
| |
| Priority: medium |
| Cost: 2 days |