

Iteration 3

March 14, 2016 to April 11, 2016

Iteration 3 - Planning

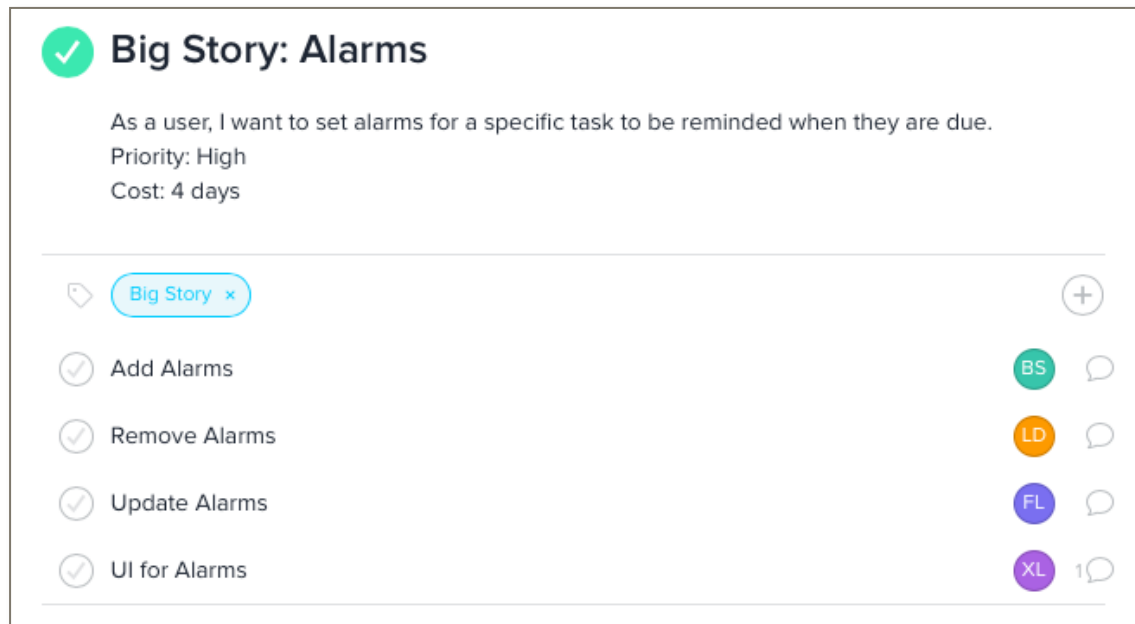
Revision and Planning Phase

This iteration has us finalizing the project, completing tasks that have, until now, simply been slack spikes or background code. We intend on completing the remaining user stories and completing testing to the best of our ability.

Iteration 3 contained these Big User Stories and General Tasks:

| Stories: | | |
|----------------|--|-------------|
| ✓ | Big Story: Alarms | Big Story > |
| ✓ | Big Story: Widgets | Big Story > |
| ✓ | Big Story: Categories | Big Story > |
| ✓ | Big Story: Pictures | Big Story > |
| General Tasks: | | |
| ✓ | Unit Testing: All of us implement unit tests for our code | > |
| ✓ | Stub Database: Build a stub database to use for unit testing with DB | > |
| ✓ | Integration Testing: All of us implement integration tests | > |
| ✓ | Robotium Testing: 2 tests per big user story | |
| ✓ | Architecture/Code Smell Fixes | FL |

The stories Alarms, Widgets, Categories and Pictures, were divided as such:



Add Alarms

As a user, I want to be able to set the time and date for when I need to be reminded of the task due date.

Priority: High

Cost: 2 days

Remove Alarms

As a user, I want to be able to remove alarms so that I don't have to be reminded of tasks that no longer have a due date/time.

Priority: High

Cost: 1 day

Update Alarms

As a user, I want to be able to update my alarms so that I can change my mind.

Priority: High


Cost: 1 day

UI for Alarms

As a user I want to be able to add an alarm and need a convenient thing to click to do so.

Priority: High



Cost: 1 Day





Big Story: Widgets

As a user, I want notable tasks to be available to view on the home screen so that I don't have to open the app to view the most critical tasks.

Priority: High
Cost: 5 days

 Big Story 

 Critical Tasks on Home Screen 


Critical Tasks on Home Screen

As a user, I want the task(s) with high priority to appear on the homescreen so that I have a quick reference.

Priority: High

Cost: 5 days

Developer decision note: This task was redefined to be a limited capability task. Due to the discovered developer time necessary to create a fully-fledged widget, the widget's functionality was decided to, at minimum, provide immediate access to the app, and ideally have the high priority tasks appear on the home screen, time permitting.











Big Story: Categories

As a user, I want to divide tasks into categories so that I can organize my to-do tasks based on day-to-day life roles.

Priority: Medium

Cost: 7 days

 Big Story 

-  Add Category 
-  Remove Category 
-  Update Category 

Add Category

As a user, I want to be able to add categories so that I can group similar tasks together.

Priority: Medium

Cost: 3 days

Remove Category

As a user, I want to be able to remove categories, so that I can remove unnecessary categories.

Priority: Medium

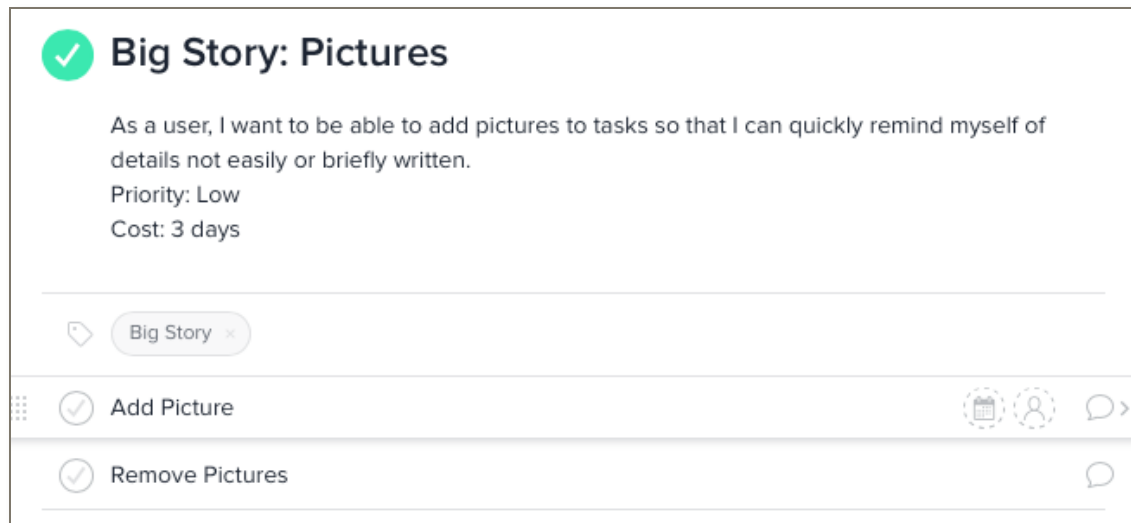
Cost: 3 days

Update Category

As a user, I want to be able to update categories so that I can change my mind.

Priority: Medium

Cost: 1 day



Add Picture

As a user, I want to add picture(s) for a specific task so that I can visualize my task better.

Priority: Low

Cost: 3 days


Remove Pictures

As a user, I want to remove pictures so that I can change my mind.

Priority: Low

Cost: 1 day

The bugs that have been found before and during iteration 3:

| Bugs: | | |
|-------------------------------------|---|---|
| <input checked="" type="checkbox"/> | Alarm Fixes | XL |
| <input checked="" type="checkbox"/> | Keyboard disappears | > |
| <input checked="" type="checkbox"/> | Loss of Focus causes text entry to not save | > |
| <input checked="" type="checkbox"/> | Keyboard does not minimize when clicking outside of text box | LD > |
| <input checked="" type="checkbox"/> | Text box constraints for task descriptions | > |
| <input checked="" type="checkbox"/> | Removing a picture from a new task crashes program | FL |
| <input checked="" type="checkbox"/> | Removing alarm from new task when no alarm crashes program | FL |
| <input checked="" type="checkbox"/> | Check-box uncheck not working | LD > |
| <input checked="" type="checkbox"/> | Only 1 alarm works for all tasks | XL > |
| <input checked="" type="checkbox"/> | Clicking cancel after trying to create a new task causes To-Do-Bot to crash |  > |
| <input checked="" type="checkbox"/> | Tasks are not sorted by priority | LD > |

Iteration 3 - Planning

For this iteration, the intention is to:

1. Complete our remaining work for all remaining Big User Stories
2. Complete all outstanding bugs
3. Complete testing

Task Assignment

Tasks are to be assigned loosely, with bugs being open for anyone to tackle when time is available.

We assigned tasks as follows:

Matthew Brzezinski:

Initialize Alarms (2 hour estimation)

Unit Testing (10 hour estimation)

Bailey Shirliff:

Revision Planning (5 hour estimation, non dev, unavailable for this iteration)

Paul Jarrow:

Bug Fixes (8 hour estimation)

Documentation (6 hour estimation, not developer hours)

Faye Lim:

Resolve Code Smells (5 hour estimation)

Lam Doan:

Remaining Task Completion and Bug Fixes (25 hour estimation)

Xiran Lin:

Alarms Core Code (8 hour estimation)

Estimations were adjusted after research had been completed, and to fit with circumstances.