LineUp

Team Aphrodite
Nora Allison (efa91)
Bryan Djunaedi (dju90)
Stephen LaPlante (laplansk)
Evan Leon (ejl6)
Thomas Rothschilds (tgr4)
Simone Schaffer (simone09)
Nicholas Shahan (nshahan)
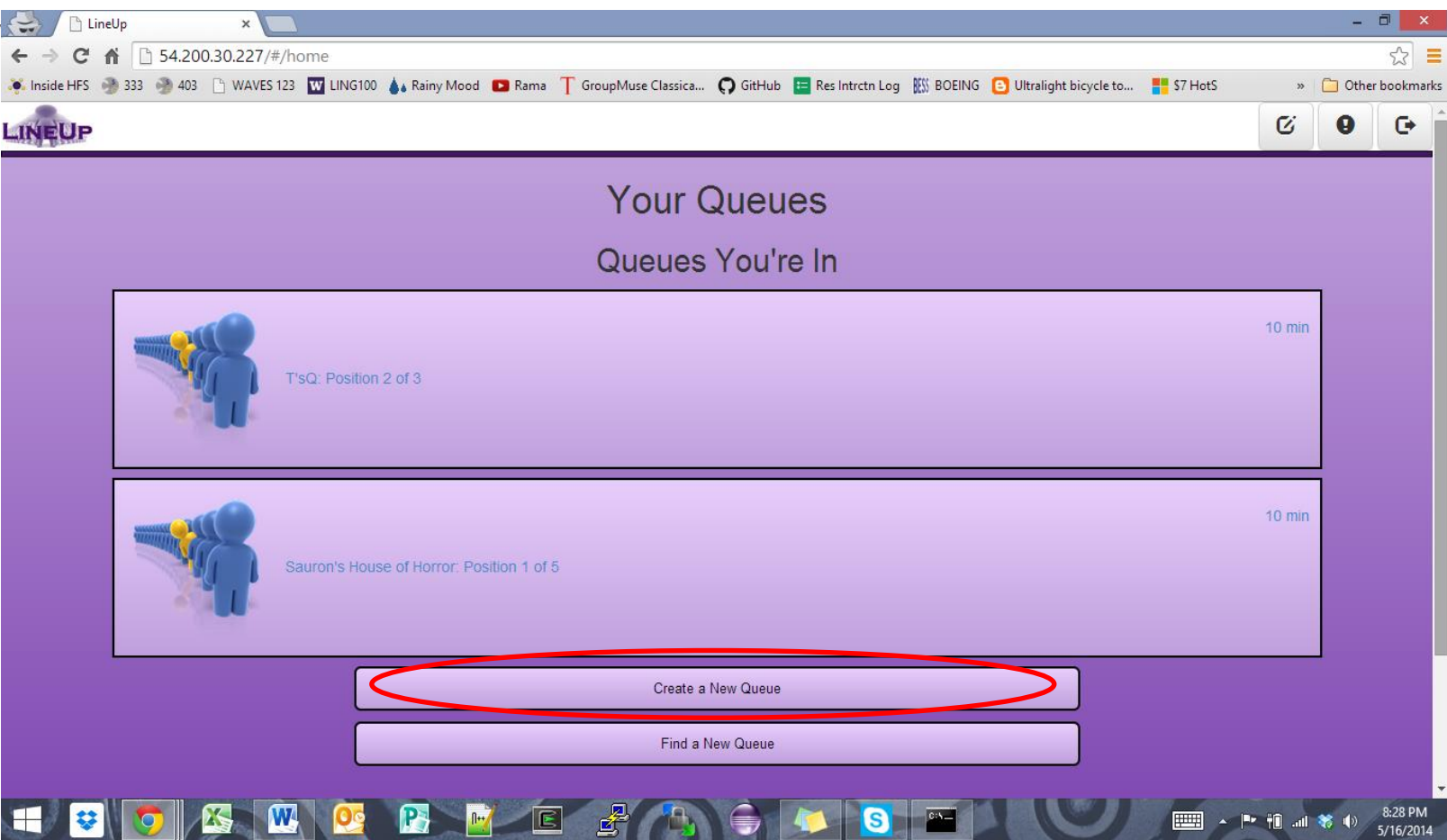*Evan Whitfield (evanw2)*

UPDATED 5/23/14
Requirements:
UI Diagrams

CHANGELOG

5/16/14 – Further UI changes based on feedback from TAs.

5/5/14 – Minor changes to show evolving and future direction of UI after meeting with TA advisor.

An Admin user creates a new Queue.

1a) A user sees this screen as they enter LineUp after logging in at a previous time. Anyone is allowed to be users, employees, and administrators of any number of queues. Users view the queues they are standing in, as well as the time estimate for when they will reach the start of the line, from this page if they are part of a queue. To create a new queue, the user would click "Create a New Queue"

Basic Information

Name

Location

Keywords

Size Information

Max Queue Size

5 Minute Wait Size

Minimum Wait to Re-Join Queue

Personalization

Website

Organization

Queue Entry Disclaimer

Additional Information

Security

Administrators

Managers

Who Can Join
- Any LineUp Member
- Anyone with a Link
- Both

Create Queue

2a) The first Create a Queue page. Previously, each of these sections were on separate partial pages that a user would navigate to after completing each section. However, we now have all sections on one page with scrolling as the user method of getting to the next section to avoid confusion surrounding navigation. Once the user enters all information they desire (some will eventually be required fields), they click "Create Queue" at the bottom of the page.

3a) When an admin finishes creating a queue, he/she is directed to the Queue's active status page, which shows the list of people currently in the queue in addition to administrative buttons that include:

-modifying the queue settings, i.e. the ones that were just defined in the queue creation path

-dequeueing the first person in line

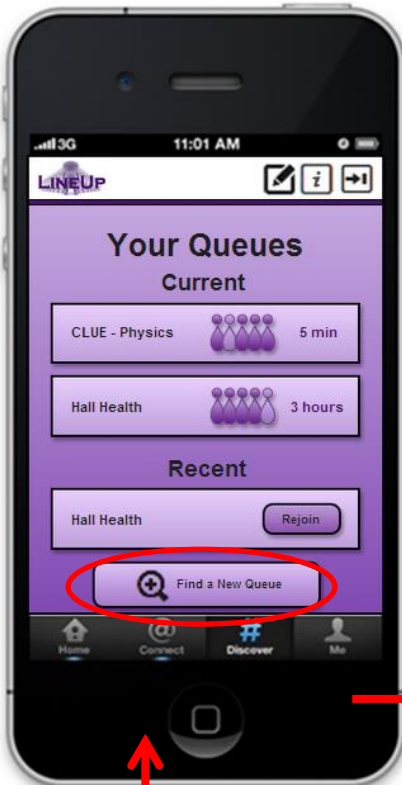-viewing details of a selected individual in the queue

-adding a user to a queue

-removing a selected individual in the queue

-promoting the queue on social media

-begin closing the queue, aka. accept no more members

-close the queue, aka. empty all members in the queue and accept no more members.

**A User (person standing in a Queue) adds himself/herself to a Queue.**

1a) A user sees this screen as they enter LineUp after logging in at a previous time. The user can view what queues they are standing in, the queues they administer, and queues they have recently joined. They can find a new queue with the bottom button.
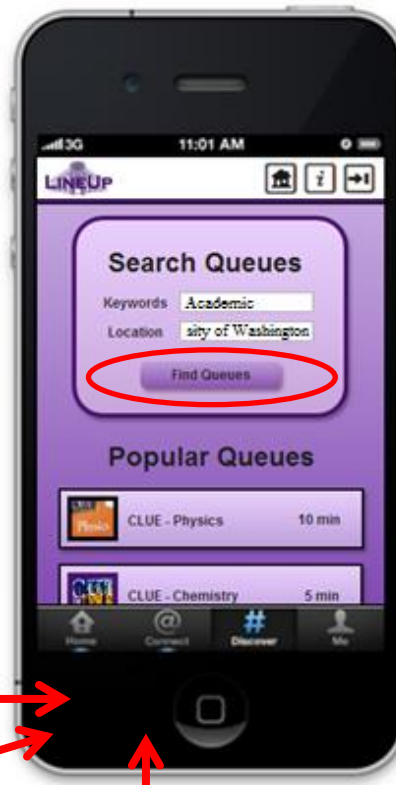
2a) This is the first screen users see when looking to join a new queue. They can search from a database of all known queues or select from the most popular queues. In future releases, a user will be able to type a queue's ID code or url to get directly to a queue that they know of (applicable to CLUE, restaurants, UBookstore, Hall Health, etc).

1b) If the user clicks the "edit" button in the top ribbon, buttons pop up in each of the queue bars that allow the user to postpone their spot in line or leave the queue, or delete a recent queue in their history. They can still find a new queue with the bottom button.
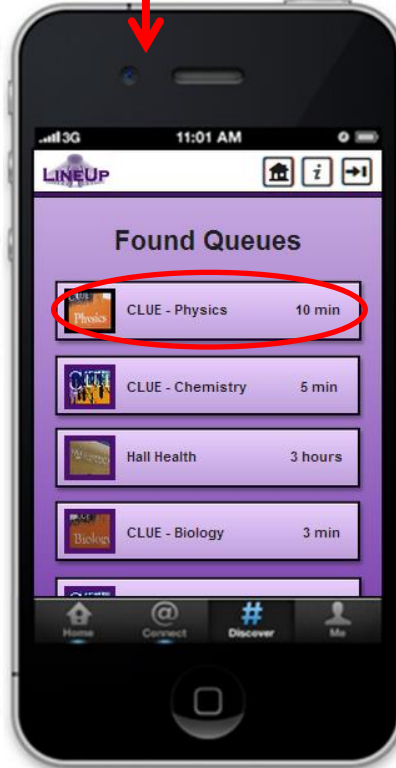
2c) The user is then taken to a page that contains the search results. Queues the user is currently standing in display slightly darkened (not implemented yet). The user selects the queue that they want to join or scrolls down to search through more options. If the user cannot find the queue they were thinking of, they can use the phone's back button to return to the search page and file a bug report (!).
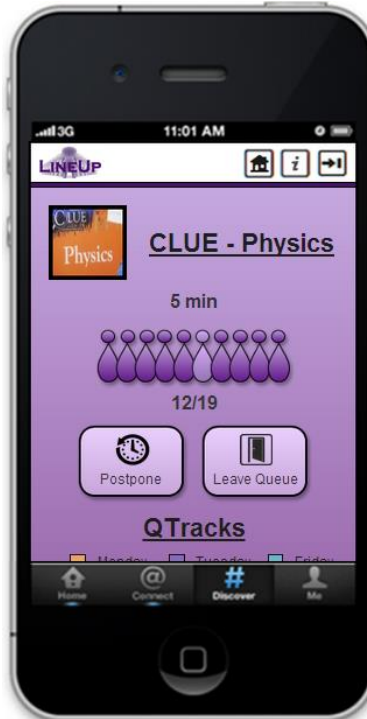
3a) Before entering a queue, the user can see some real-time statistics about the queue they are considering entering. These include the number of other users currently in the queue, the estimated wait time, and the QTracks statistics (see Extra Features). If the user is already part of the queue, they can see the estimated wait time until they reach the front of the line, their position in line, and options to postpone their position or leave the queue in addition to QTracks statistics (included on the same page to remove the number of navigational options).
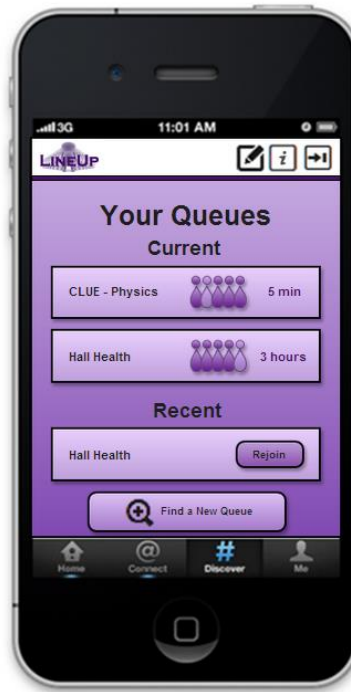
3b) After entering a queue, the user is directed to his/her View Queue page, where they can see the current queues they are standing in, the queues they own/administer, and which queues they were recently standing in.
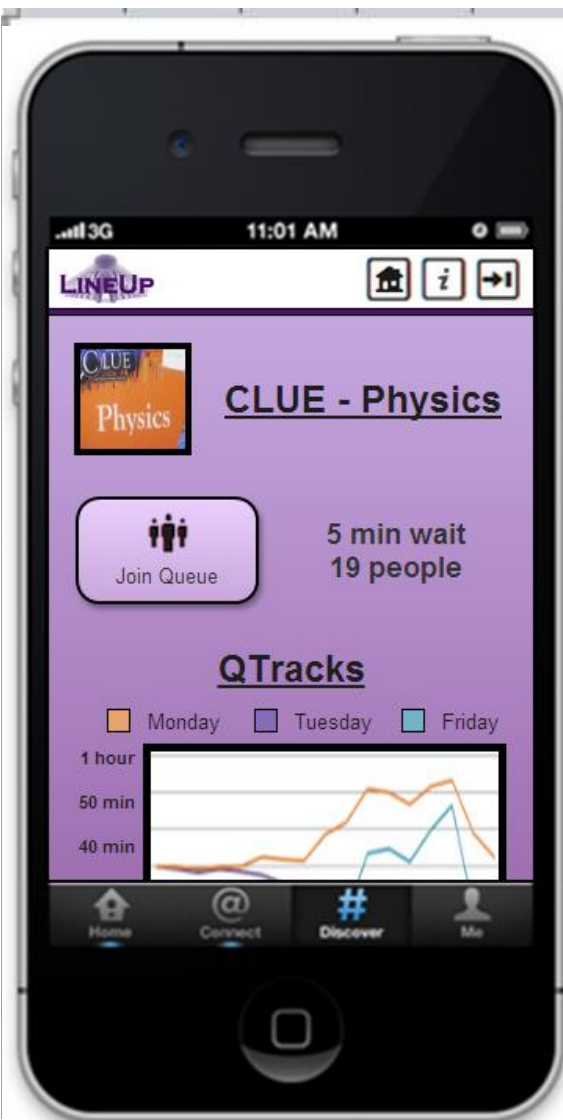
Extra Features

1a) Users, employees, and admins must log into LineUp to use it. This provides a small amount of security and encourages responsible LineUp usage.

1b) The Create an Account page.

Create an Account

Desired Username

Password

Repeat Password

First Name

Last Name

E-mail Address

Continue

2a) Admins can see their queue creation history to expedite their queue-creation process if they are looking to make a similar queue to a previous queue.

Adam's Queues

Currently In Use

Recently Ended

History

History

	Name	Average Wait Time
Go To	CLUE - Physics	45 min
Go To	CLUE - Chemistry	3 hours
Go To	CLUE - Physics	41 min

Create a New Queue

Welcome, Adam!
Owner of 2 Queues — Standing in 1 Queue

Home

Account Settings

Logout

3a) Users can see the "QTracks" for each queue they are in or are considering entering. QTracks provide information about the wait length for members in the queue over the course of the queue's history. This information can help users decide if they should join the queue immediately or wait a while before joining and helps admins staff their queues appropriately and more-accurately.

4a) Employees and admins have the ability to dequeue and postpone users standing in their queues. To help employees see how the queue is doing time-wise (maybe they have wait time goals), they can view the QTracks and estimated wait time for their queue.