

# EZFair

An efficient career fair

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# Motivation

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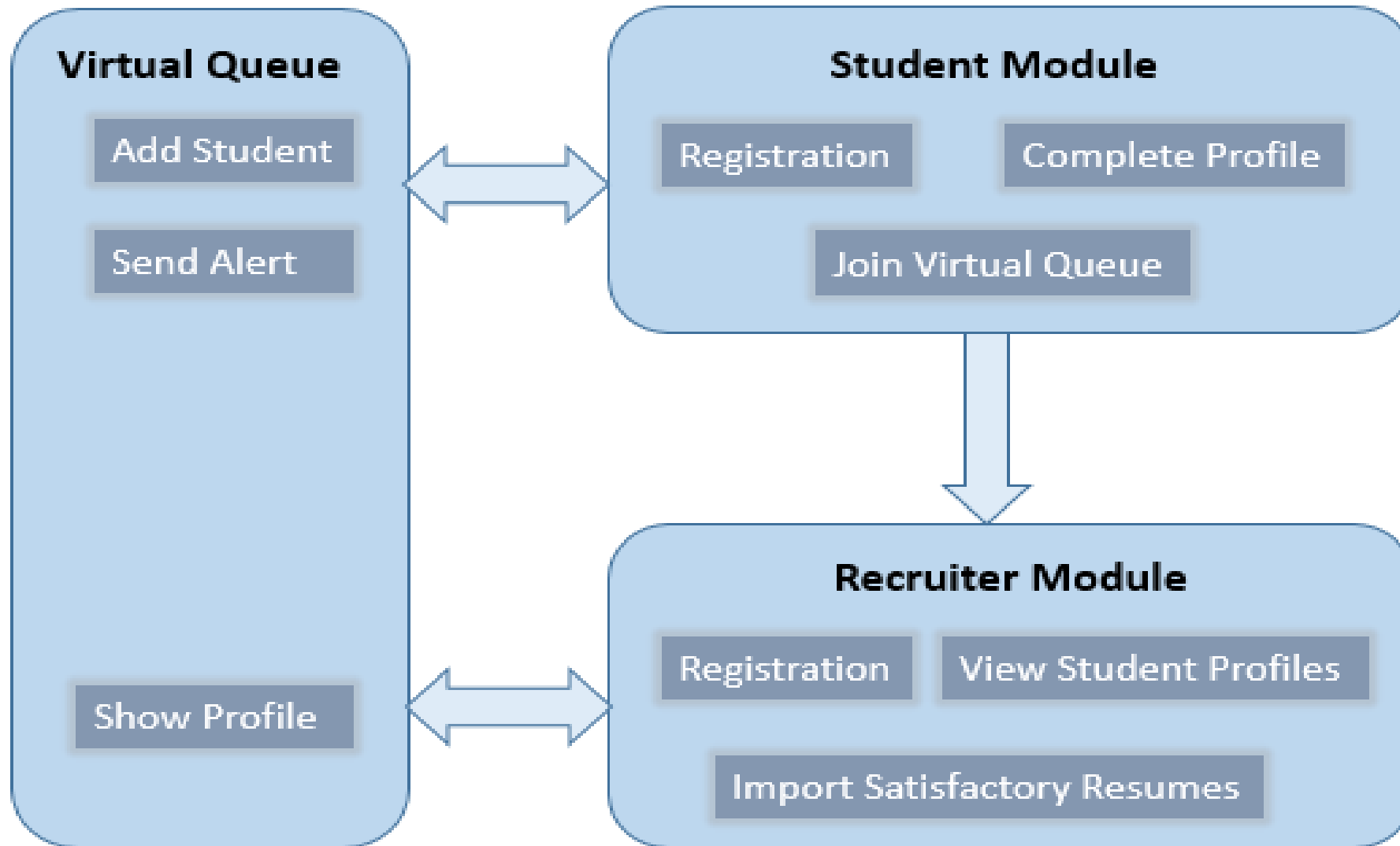
- Minimize the time spent by students standing in line
- Students can visit more companies
- Companies can import resumes of impressive students

# Approach

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- Virtual Queue System
- Student Module
- Recruiter Module

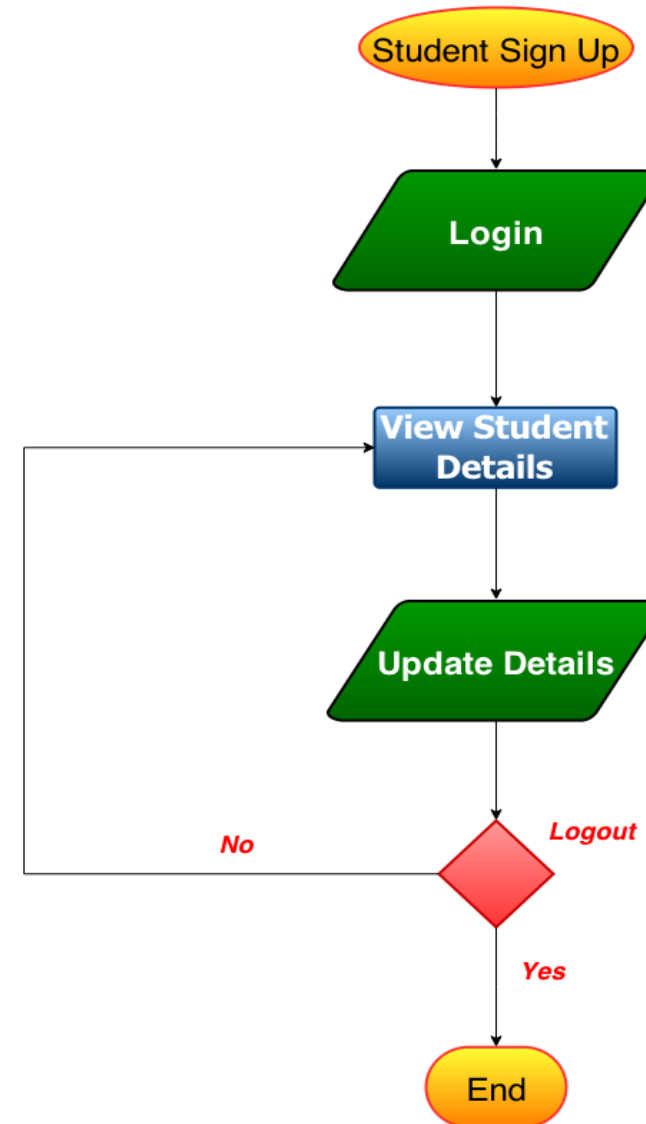
# Architecture



# Student View

## Web App

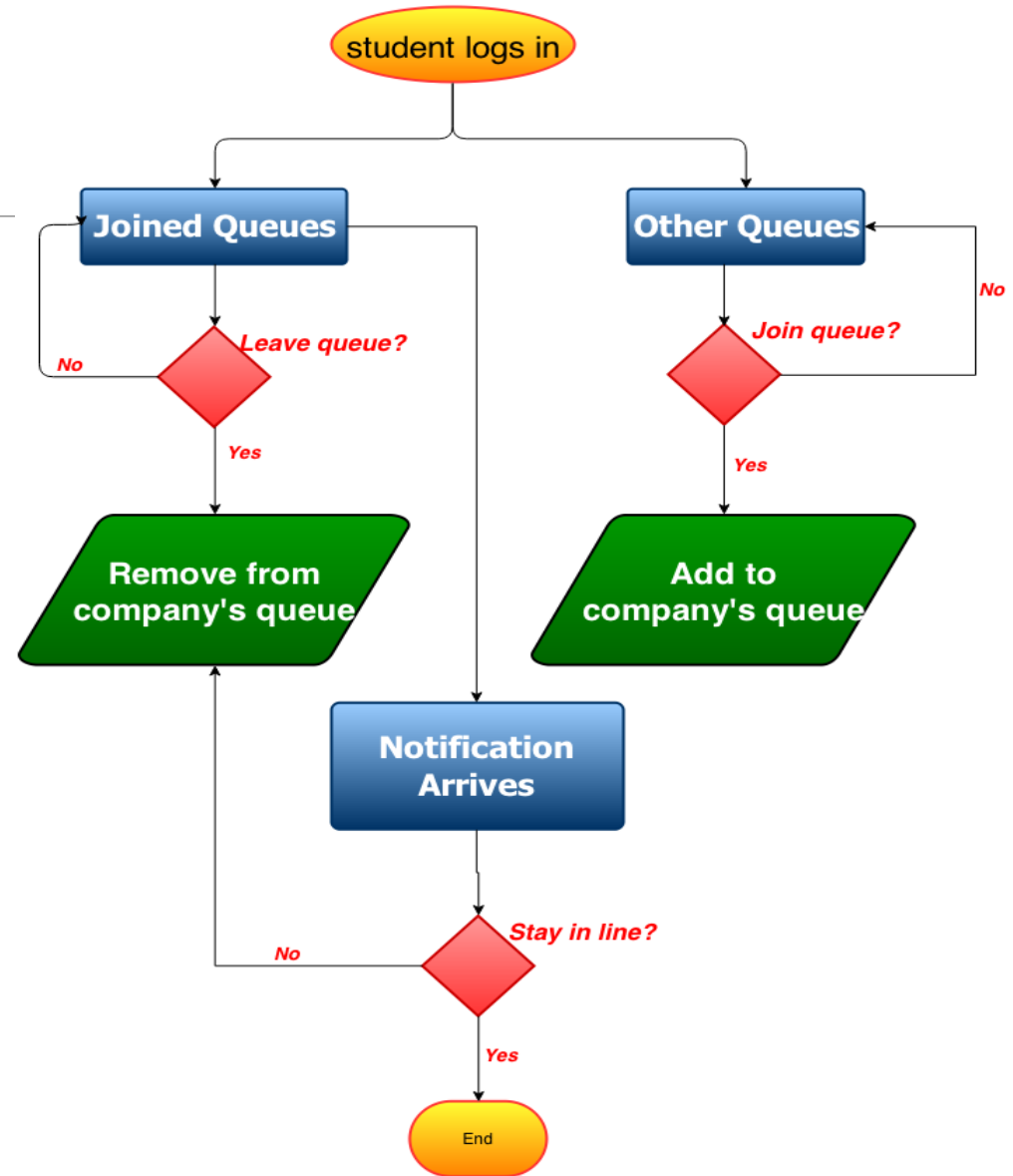
- Register (if first time use)
- Complete profile by providing past experience, technical skills, and education
- Upload Resume



# Virtual Queue

## Android App

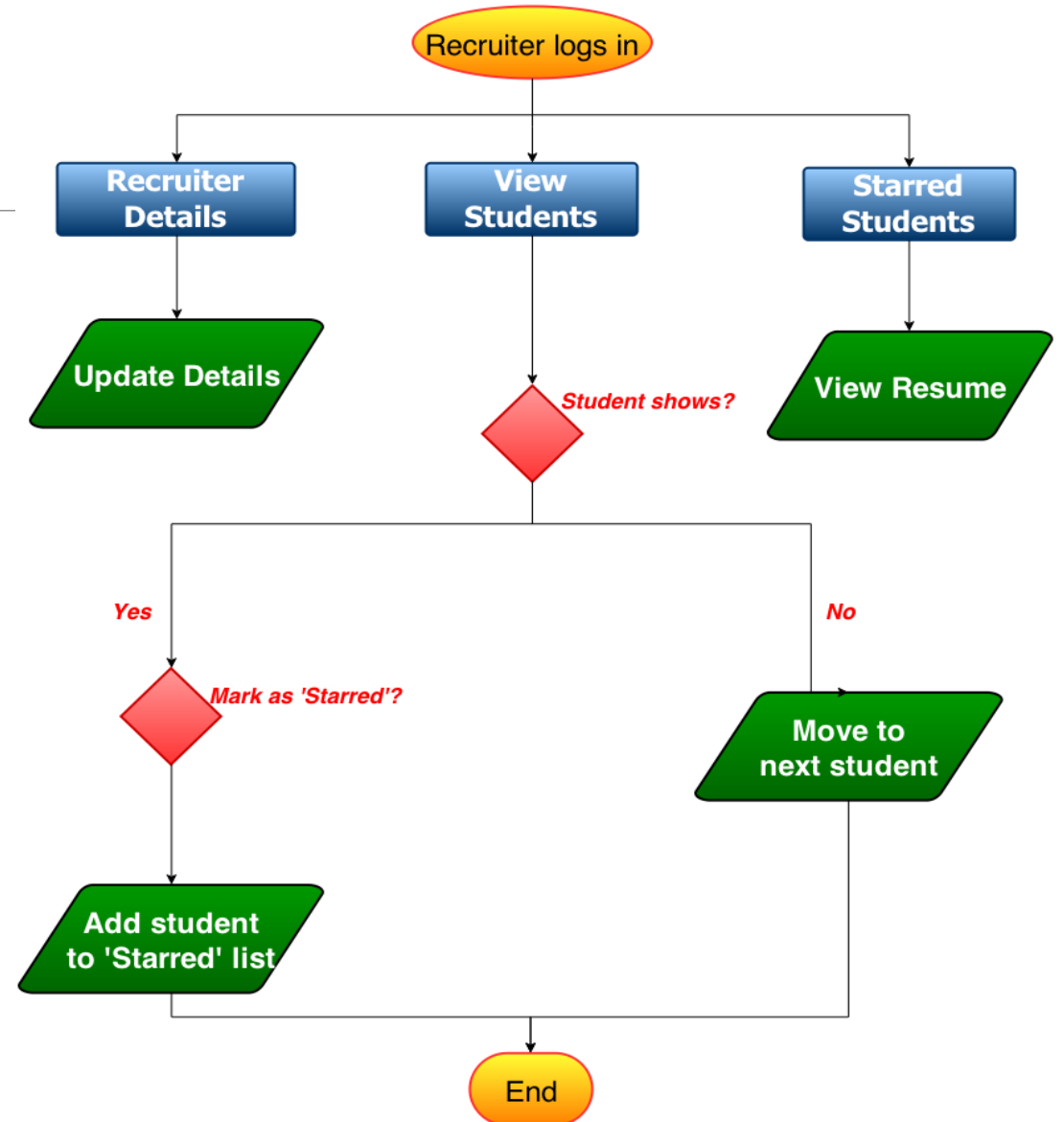
- Student joins queue
- Student leaves queue
- Student gets notification about 15 minutes prior to his/her turn
- Student responds to notification



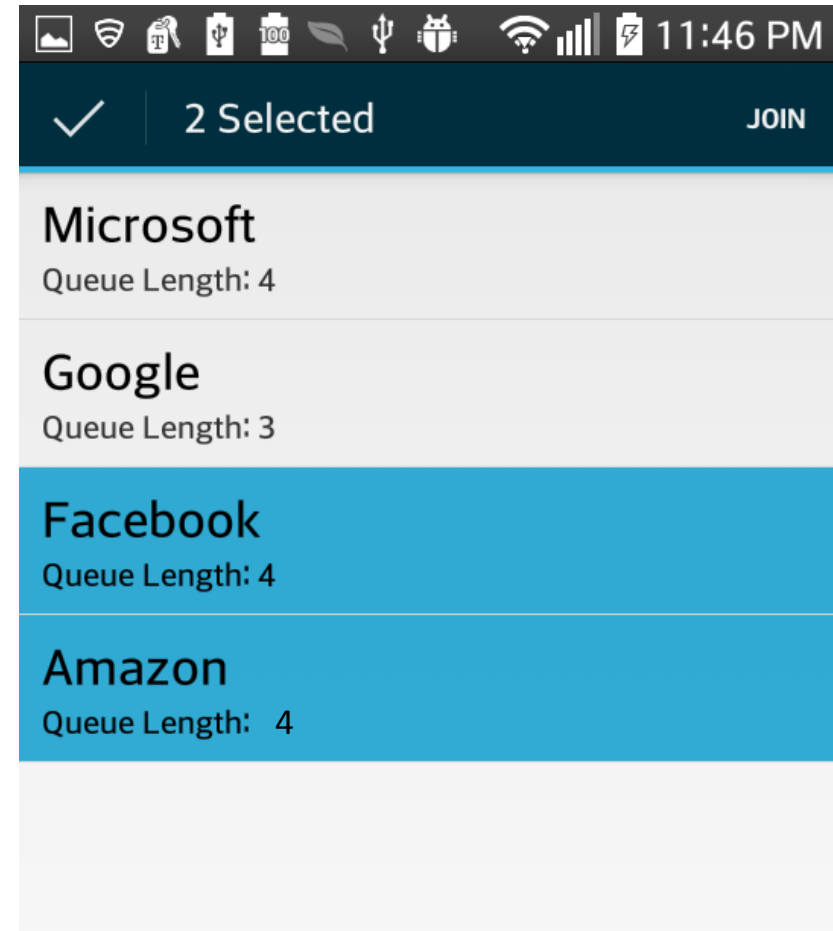
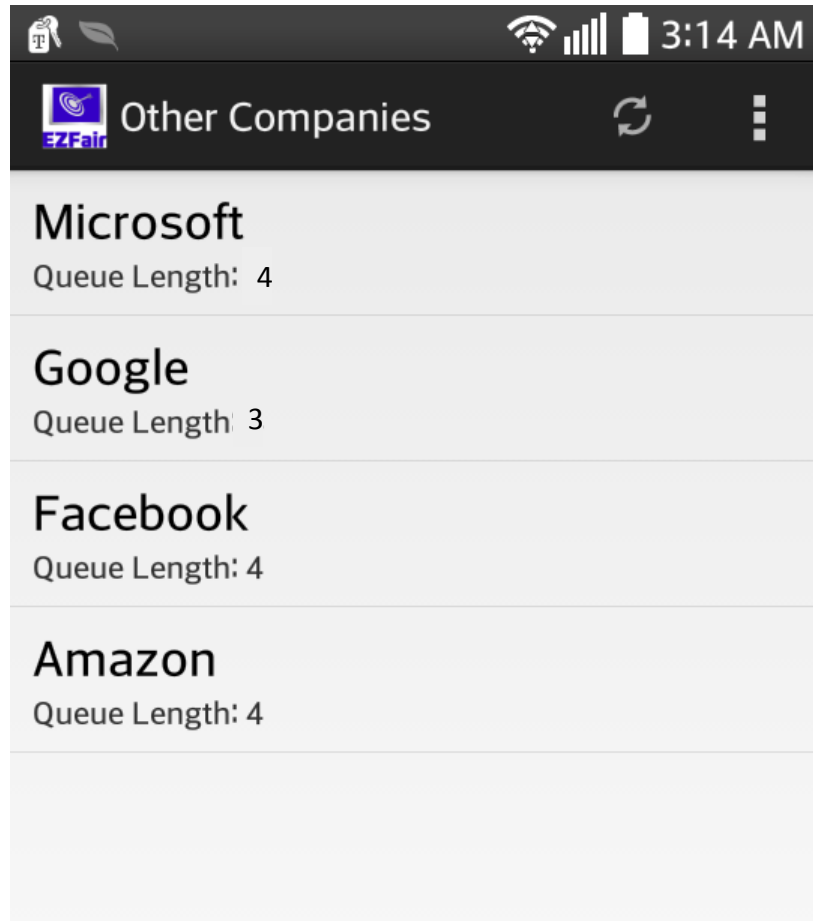
# Recruiter View

## Web App

- View profiles of students (prior to day of career fair)
- Mark students as “Starred”
- Import “Starred” resumes into the company’s database






# Screenshots








# Screenshots

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 **Joined Queues**  

<b>Facebook</b> My Token: 5	People Ahead: 4
<b>Microsoft</b> My Token: 3	People Ahead: 2

 **Other Companies**  

<b>Amazon</b> Queue Length: 4
<b>Google</b> Queue Length: 3

# Screenshots – Recruiter's Web View

**Microsoft Queue** [Company Details](#)

[View Starred Students](#)

Token no	Name	Degree	Major	GPA	Year	Resume	Result
3	Joe	B.S.	CS	3.80	5	<a href="#">Link</a>	<input type="radio"/> Star <input type="radio"/> No Show <input type="radio"/> Next
4	Dean	Ph.D.	CS	3.70	2	<a href="#">Link</a>	<input type="radio"/> Star <input type="radio"/> No Show <input type="radio"/> Next
5	Harry	M.S.	CS	3.20	4	<a href="#">Link</a>	<input type="radio"/> Star <input type="radio"/> No Show <input type="radio"/> Next
6	Nithya	B.S.	ECE	3.50	3	<a href="#">Link</a>	<input type="radio"/> Star <input type="radio"/> No Show <input type="radio"/> Next

# Recruiter – Web View

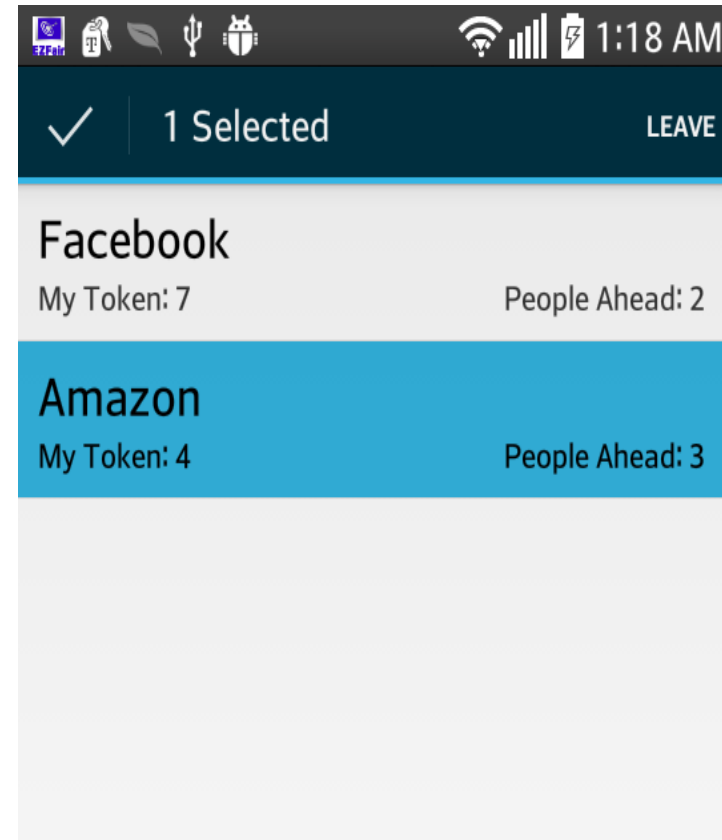
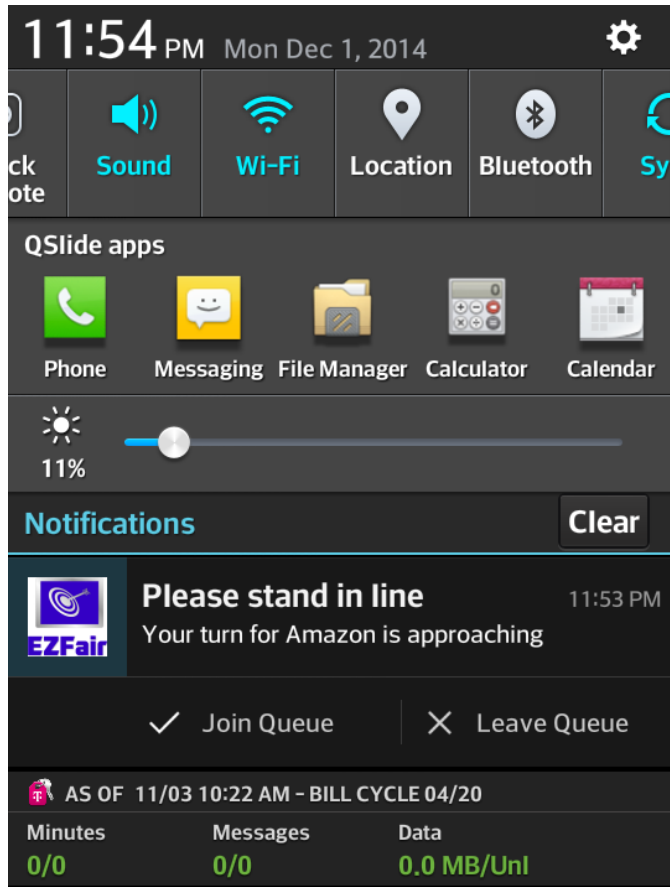
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## Microsoft Starred Students

[Company Details](#)

Serial no	Name	Degree	Major	GPA	Year	Resume
1	Ron	Ph.D.	CSE	3.40	1	<a href="#"><u>Link</u></a>
2	Sam	M.S.	ECE	3.90	3	<a href="#"><u>Link</u></a>

# Screenshots



# What we learned?

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- Android App Development
  - UI using Relative Layout
  - ListView using self-defined Adapter
  - Notifications with Action buttons
  - Communicate with LAMP/WAMP server
- Backend Development
  - PHP Sessions
  - PHP Transaction Management
  - MySQL – Atomic instructions

# Issues

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- Student gets same token for multiple companies
  - Fix: Maintain 2 tokens: global, company-specific
- Pull-based approach vs. Push-based approach for refreshing student's queue

# Questions ?

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