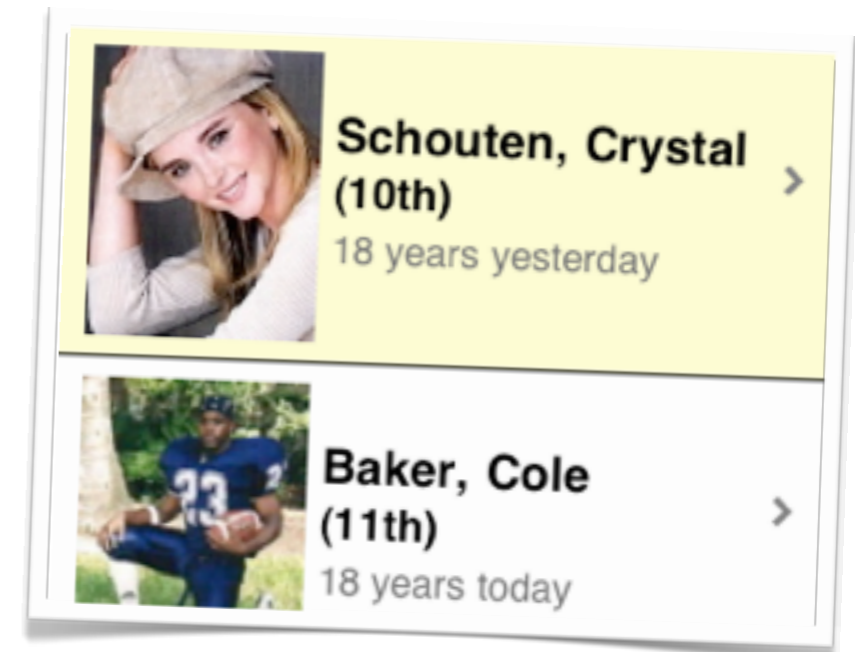
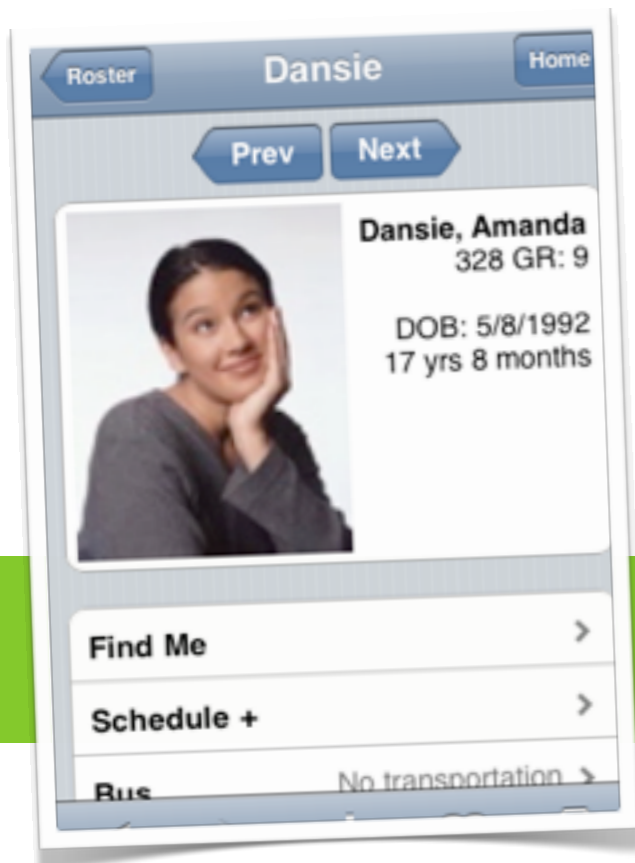
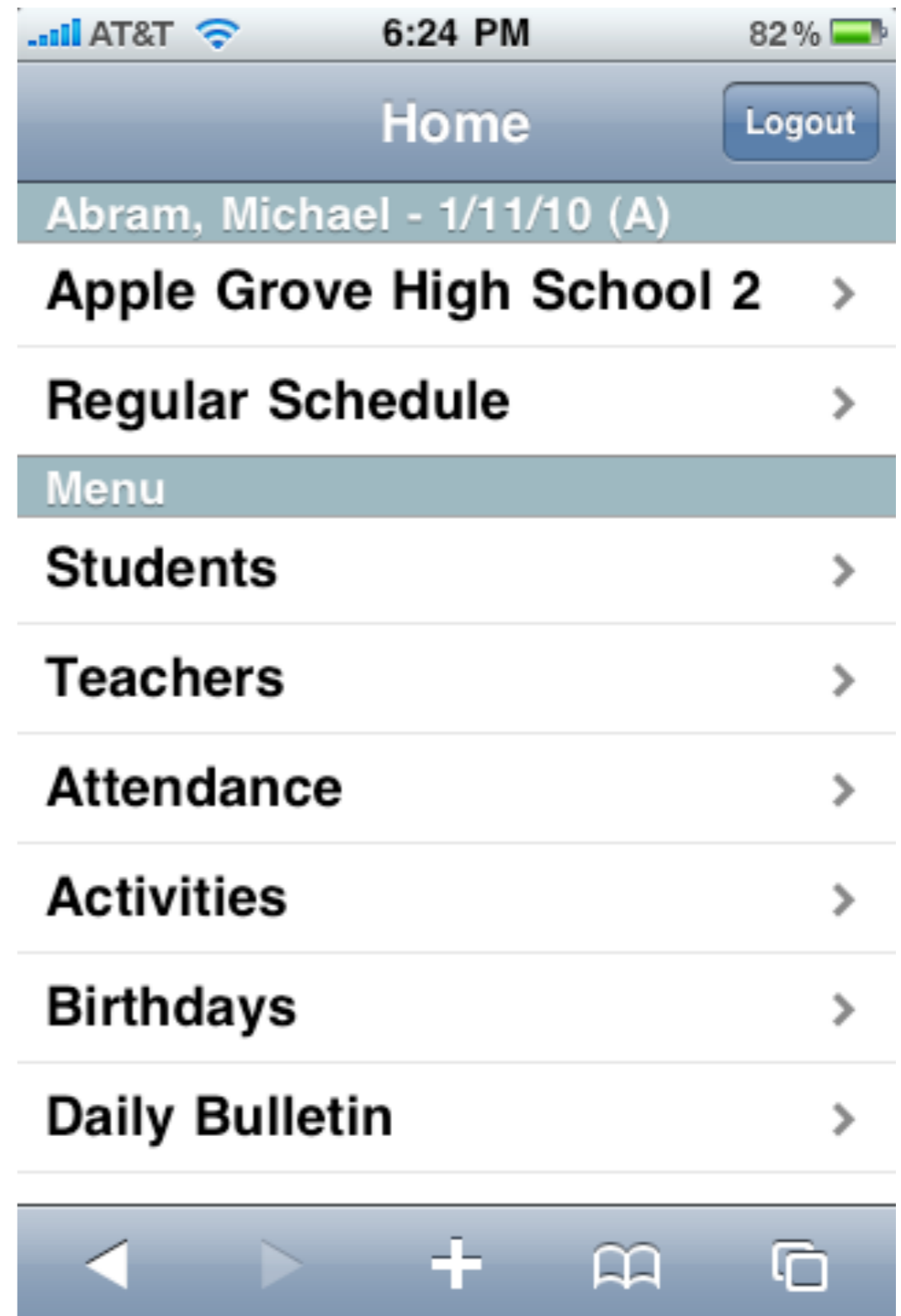


# PowerSchool Mobile



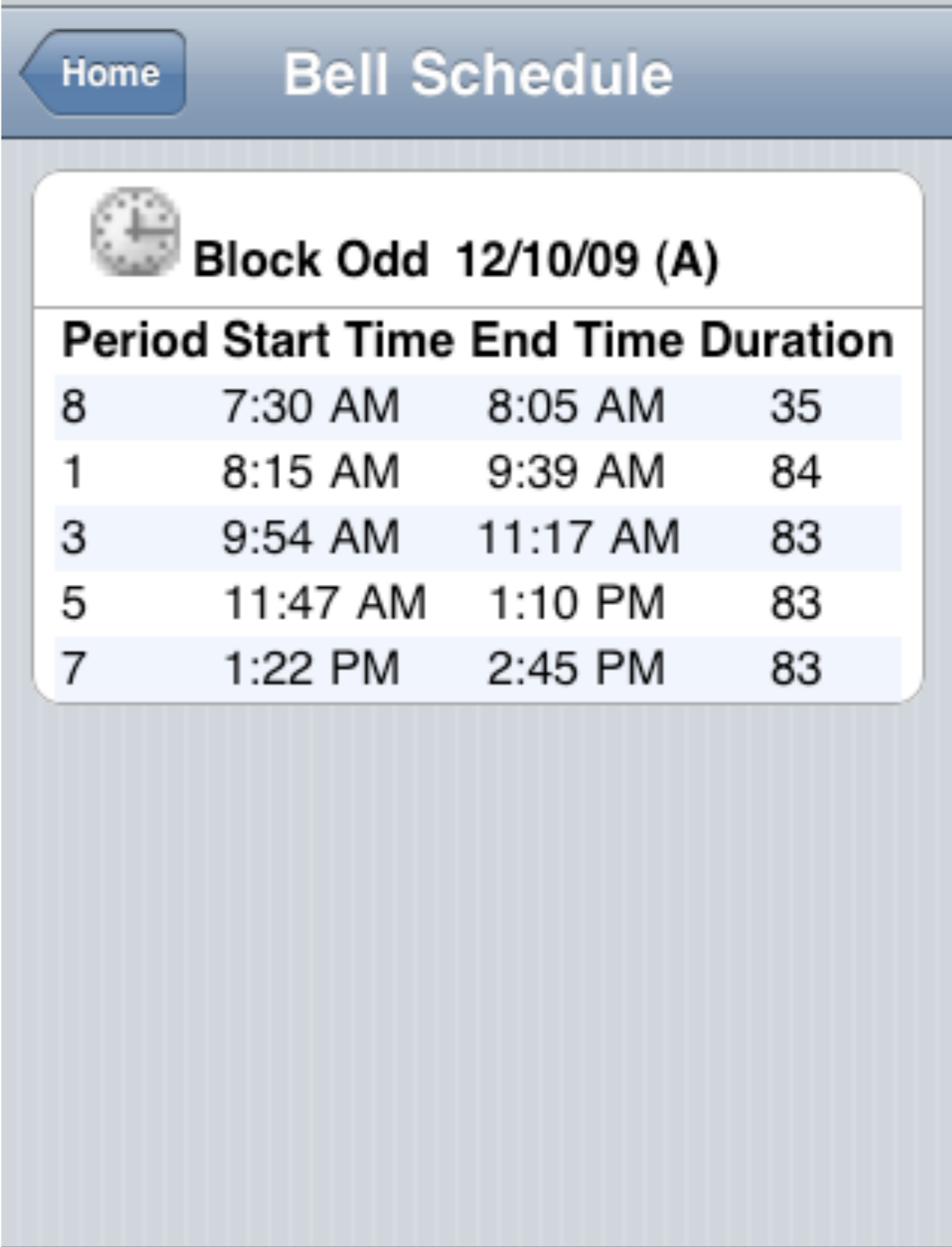
# Introduction

- Set of pages, images, CSS and a JavaScript library.
- Look and feel of a native iPhone app.
- Web app - delivered just like other PS resources.




# Design Principles

- Built around mobile needs
- Small but relevant feature-set
- Touch interface
- Simple, relevant, elegant, and mobile



Home Bell Schedule

 **Block Odd 12/10/09 (A)**

Period	Start Time	End Time	Duration
8	7:30 AM	8:05 AM	35
1	8:15 AM	9:39 AM	84
3	9:54 AM	11:17 AM	83
5	11:47 AM	1:10 PM	83
7	1:22 PM	2:45 PM	83

# Summary of features

- Web delivered but with the look and feel of a native iPhone app.
- iui Framework licensed under the New BSD License.  
<http://code.google.com/p/iui/>
- Automatic redirection.

# Summary of features

- iPhone, Android +
  - Designed for webkit
- Admin, Teacher, and Subs (+students???)
- Attendance and lunch count submission.
- Breakout mode - Exit to the full PowerSchool.
- Smart links - Telephone / Email / Addresses

# Summary of features

- Current selection. Allows for “Previous / Next” browsing for any context.
- Avoid excessive “drill down”.
- Security Considerations - Group security.
- Mobile Settings control panel.
  - disable any of the mobile portals
  - and hide other content, such as photos, bus routes and lunch counts.
  - disable mobile PS for an individual user.

# Scope

- Current info
- Student Information likely needs customization
- Tested on iOS and Android
- Touch-screen interface

# Demo



# District - Miscellaneous

Enable Smart Search




Send anonymous data to Pearson for analysis



Enable Mobile Web Pages



Default Term When Between School Years

Closest School Year 

Submit

# School - Mobile Settings

Web Pages

App Settings

App Display

Function	Optimized Pages
Disable Mobile PS (Admin)	<input type="checkbox"/>
Disable Mobile PS (Teachers)	<input type="checkbox"/>
Disable Mobile PS (Subs)	<input type="checkbox"/>
Default Class Sort	Course/Expression ▾
Hide Bus Route	<input type="checkbox"/>
Show Bus Info From Transportation or Student Fields	Transportation ▾
Hide Student Photos	<input type="checkbox"/>
Hide Lunch Count (Subs)	<input type="checkbox"/>
Hide Lunch Count (Teachers)	<input type="checkbox"/>

These settings only apply for this school.

Submit

# User Settings

Teachers and Affiliations

Admin Access and Roles

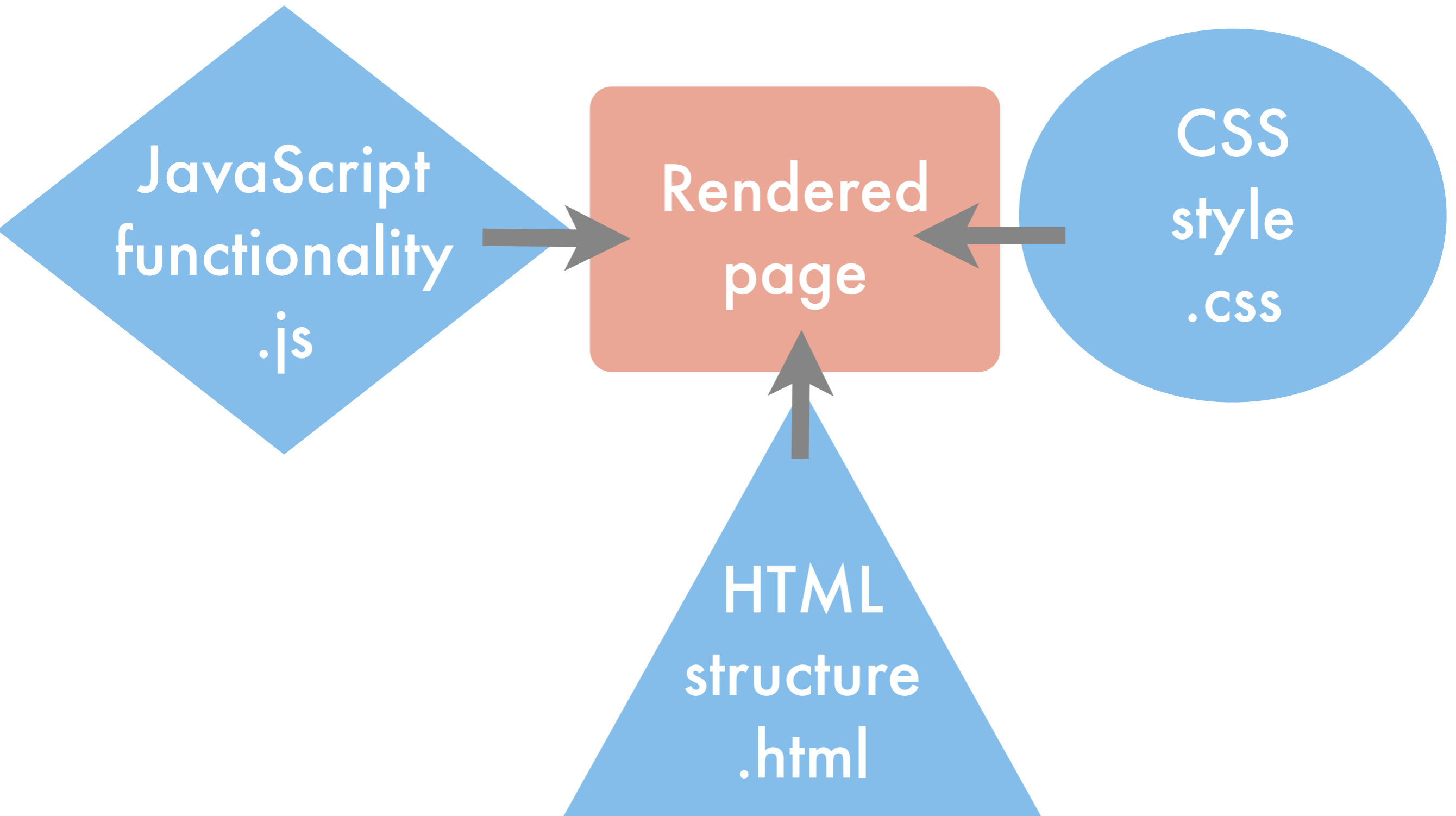
Applications

Application	Allow
PowerSchool Mobile Web Pages	<input type="checkbox"/>
PowerTeacher Administrator	<input type="checkbox"/>
ReportWorks Developer	<input type="checkbox"/>

 PowerTeacher Administrator and ReportWorks Developer users require a username and password on the Admin Access tab.

Submit

# The Big Picture



# Anatomy of an iui page

## Meta tags

```
<!DOCTYPE html>  
<html>  
<head>  
<title>~[text:psx.html.admin_mobile.home.powerschool]</  
title>  
<meta name="viewport" content="width=device-width;  
initial-scale=1.0; maximum-scale=5.0; user-scalable=1;" />  
<link rel="apple-touch-icon" href="/images/mobile/ps6-  
logo-touch-icon.png" />  
<meta name="apple-mobile-web-app-capable" content="yes" />
```

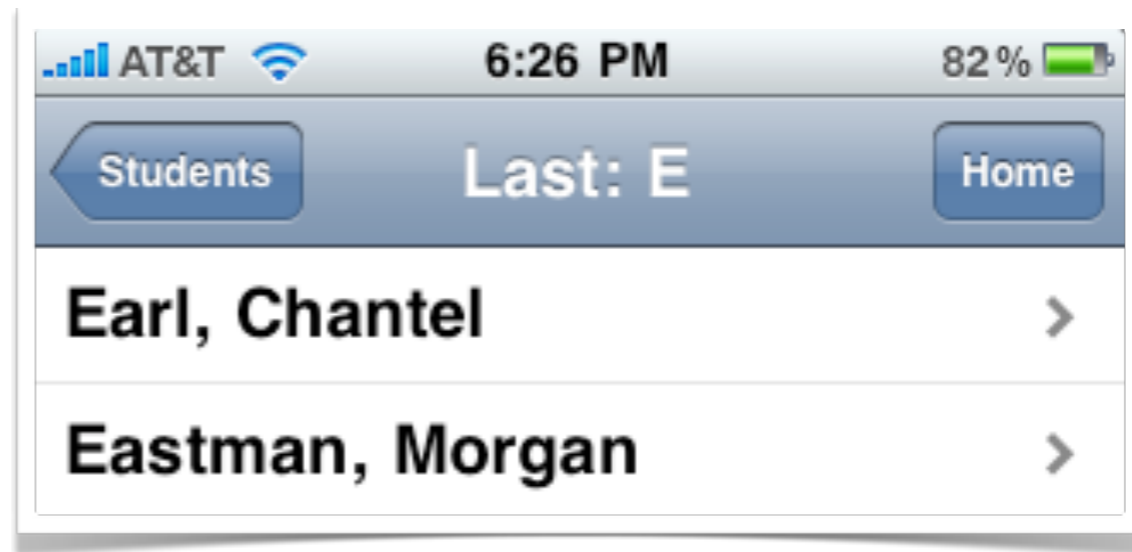
# Scripts and CSS

```
<script type="application/x-javascript" src="/scripts/mobile/ps-  
iui.js"></script>  
<SCRIPT type="application/x-javascript" src="/scripts/iui/0.31/  
iui-theme-switcher.js"></SCRIPT>  
<script type="text/javascript">  
    iui.animOn = true;  
    var uagent = navigator.userAgent.toLowerCase();  
    if(uagent.indexOf('android') != -1) {  
        iui.ts.setTheme("android");  
    } else {  
        iui.ts.setTheme("default");  
    }  
</script>
```

# Scripts and CSS

```
<script type="text/javascript">
  ~[if#mdistrict.pref.mobilepages_enable=1]
    ~[if#muser.prefschool.mobiledisable_admin=1]location.href =
"./home.html";[/if#muser]
    ~[if#school.pref.mobile_access-U~[x:users_dcid]=1]
[else#school]location.href = "./home.html";[/if#school]
  [else#mdistrict]location.href = "./home.html";[/if#mdistrict]
</script>
</head>
```

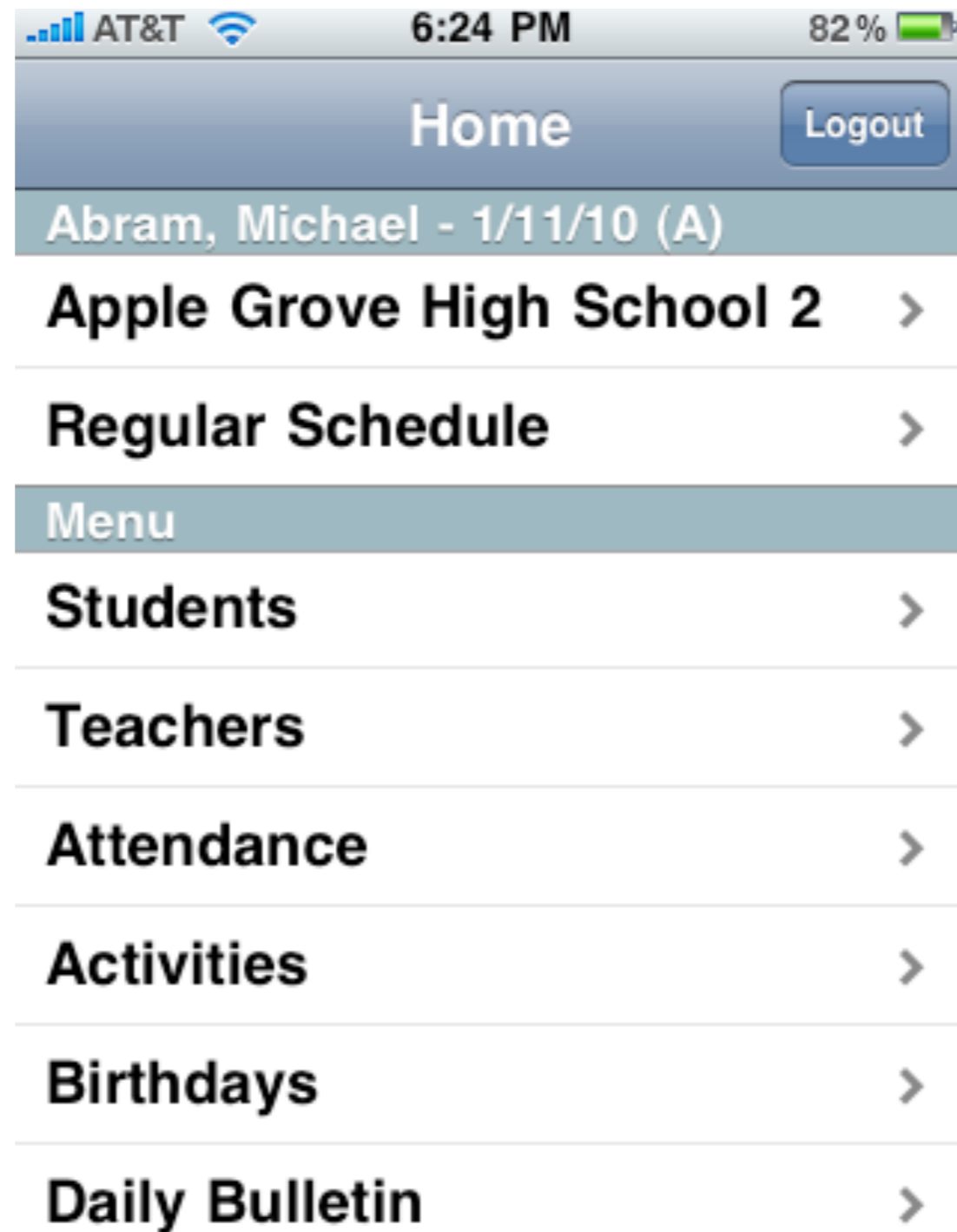
# Body - Toolbar



```
<body>
  <div class="toolbar">
    <h1 id="pageTitle">
      ~[text:psx.html.admin_mobile.home.powerschool1]</h1>
    <a id="backButton" class="button" href="#"
type="backlink"></a>
    <a id="otherButton" class="button" href="#"></a>
  </div>
```

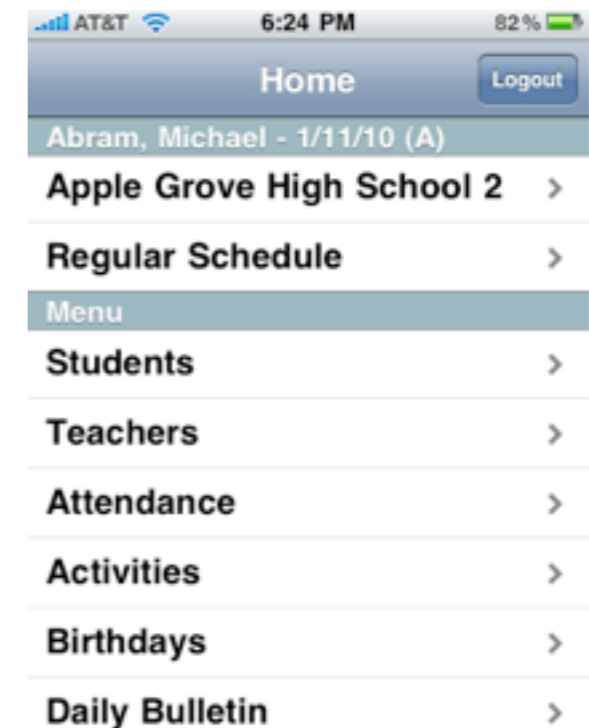


# Body - Home (menu)



# Body - Home (menu)

```
<ul id="home" title="~[text:psx.html.admin_mobile.home.home]"
selected="true" hideBackButton="true"
otherButtonLabel="~[text:psx.html.admin_mobile.home.logout]"
otherButtonHref="/admin/~loff" otherButtonTarget="_self">
    <li class="group">~[x:username] - ~[eaodate;dayabbr]</li>
.....
    <li class="group">~[text:psx.html.admin_mobile.home.menu]</li>
    <li><a href="#students">
~[text:psx.html.admin_mobile.home.students]</a></li>
    <li><a href="#teachers.html">
~[text:psx.html.admin_mobile.home.teachers]
</a></li>
.....
    <li><a href="#activities.html">
~[text:psx.html.admin_mobile.home.activities]
</a></li>
.....
</ul>
```



# Body - Home (A-Z selection)

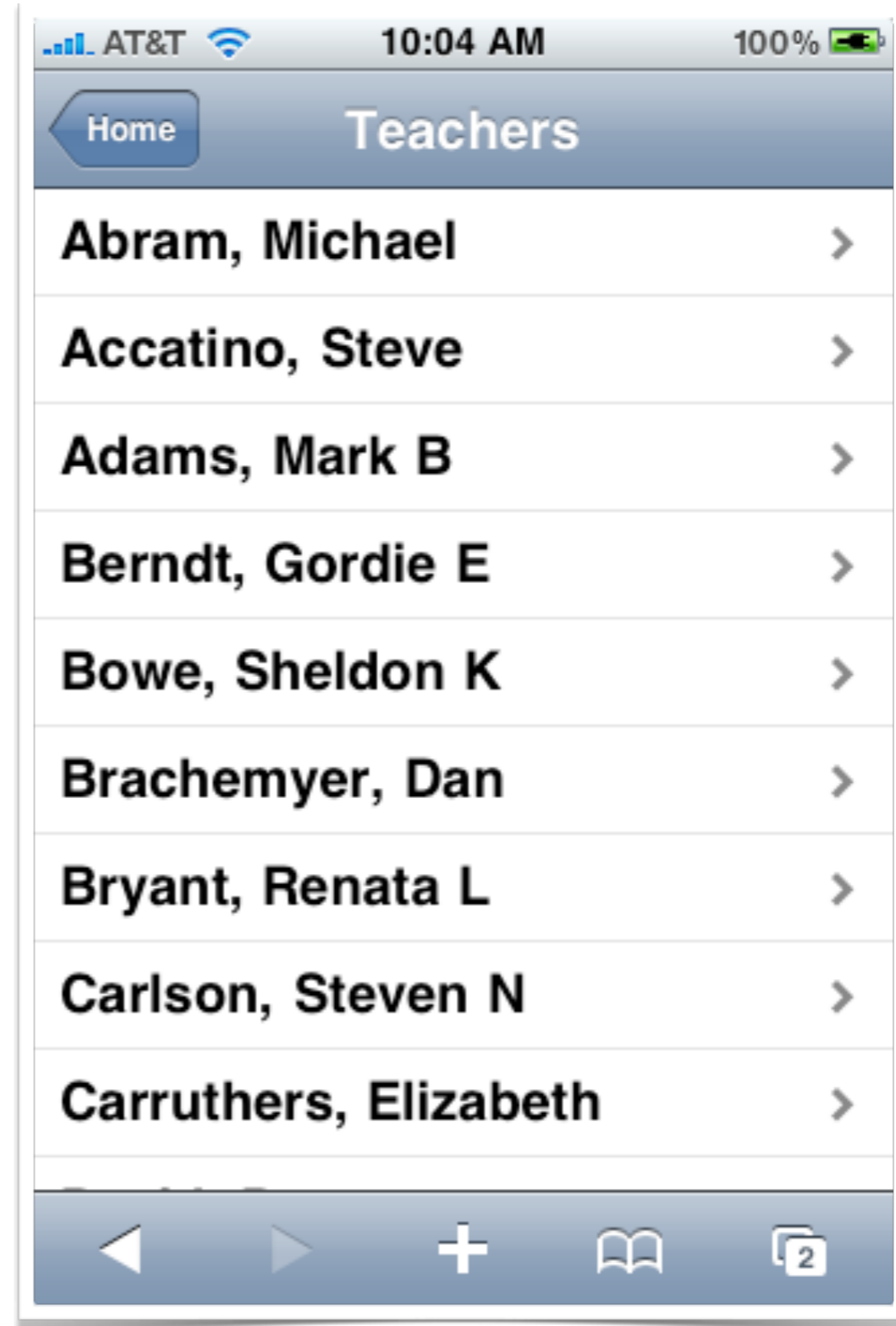
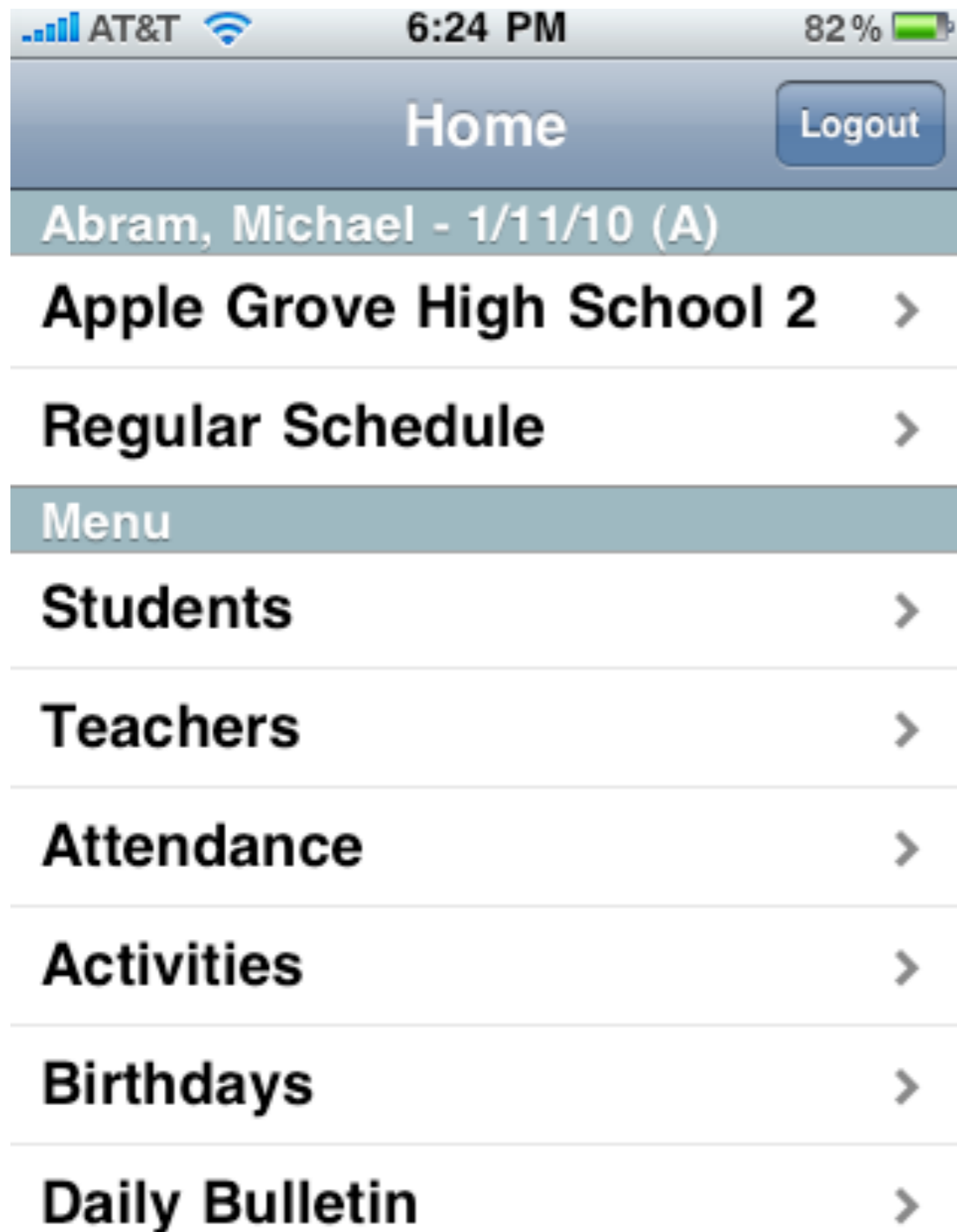
```
<ul id="students" parentID="home"
title="~[text:psx.html.admin_mobile.home.students1]">
  <li><a href='#list.html?l=A'
buildSel="false">~[text:psx.html.admin_mobile.home.a]</
a></li>
  <li><a href='#list.html?l=B'
buildSel="false">~[text:psx.html.admin_mobile.home.b]</
a></li>
  <li><a href='#list.html?l=C'
buildSel="false">~[text:psx.html.admin_mobile.home.c]</
a></li>
  ....
  <li><a href='#list.html?l=Z'
buildSel="false">~[text:psx.html.admin_mobile.home.z]</
a></li>
  ....
</ul>
```

# Body - Home (School Select)

```
<form id="changeschool" parentID="home"
title="~[text:psx.html.admin_mobile.home.schools]"
class="panel" action="#home" method="POST">
  <fieldset>
    <div class="row">

      <label>~[text:psx.html.admin_mobile.home.change_school]</
label>
      </div>
      <div class="row">
        <label>~[x:changeschoolpopup]</label>
      </div>
    </fieldset>
    <br /><br />
    <INPUT TYPE="hidden" NAME="ac" VALUE="setschool">
  </form>
```

# Body - Admin-Teachers



# Body - Admin-Teachers

admin/mobile/teachers.html

```
<ul id="teachers" parentID="home"
title="~[text:psx.html.admin_mobile.teachers.teachers]">
~[tlist_sql; SELECT DISTINCT t.ID, t.LastFirst
FROM Teachers t
INNER JOIN Sections s
ON t.ID=s.Teacher
INNER JOIN Terms tm
ON s.TermID=tm.ID AND tm.SchoolID=~(curschoolid)
WHERE t.SchoolID=~(curschoolid) AND s.termid IN (SELECT ID
FROM Terms WHERE firstday <= to_date('~[date]', 'MM/DD/YYYY')
AND lastday >= to_date('~[date]', 'MM/DD/YYYY'))
ORDER BY t.lastfirst;nonemessage=<div
class="info"><b>~[text:psx.html.admin_mobile.teachers.no_teachers_found_in_this_term]</b></div>]
<li><a href="#schedulelist.html?
teacherid=~(t.ID;l)">~(t.LastFirst;t)</a></li>
[/tlist_sql]
</ul>
```