MIT Mobile Platform
Roadmap Update
Accomplishments since 3/2011

• 6.083 – Android App Inventor
• MIT150 – map and events
• Self-Guided Campus Tour
• Building Services – issue reporter
• Online Registration
• Libraries account management and search
• Mobile Stellar
Planned through 6/2012

• Advanced Mapping
  – Indoor maps
  – Point to point campus directions (indoors and out)
  – Richer data (accessible entrances, bike racks, bathrooms, etc)

• Device Capability Detector
  – Official launch as a service for MIT

• 6.570 – IAP mobile app contest

• Campus Preview Weekend
  – HTML5 website hosted on main CPW site
  – DCD integration
New Project Requests

• Dining
  – Locations, hours, and menus

• TechCASH
  – Native implementation

• Libraries Improvements
  – Barcode scanning and Barton bookshelf

• List Visual Arts tour
  – Self-guided audio/visual tour of MIT’s public art
Potential Future State

• apis.mit.edu
  – A wrapper for MIT’s existing services
  – One interface for students to discover and code for
  – Using API keys like Google to allow revocation of access to misbehaving applications
  – Already done by m.mit.edu and in use by students
    • Shuttle arrival times, Directory lookups, Calendar events, Library book statuses, etc
  – Would enable integrated services like “MyMIT”
Appendix
### Project Proposals from 3/2011 ITGC Meeting

<table>
<thead>
<tr>
<th>Name</th>
<th>Sponsor</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIT150 – Phase 2</td>
<td>Institute Affairs</td>
<td>Completed Apr 2011</td>
</tr>
<tr>
<td>Campus Tour – Phase 2</td>
<td>Institute Affairs</td>
<td>Completed Apr 2011</td>
</tr>
<tr>
<td>MBTA bus tracking</td>
<td>IS&amp;T</td>
<td>Deferred</td>
</tr>
<tr>
<td>Stellar improvements</td>
<td>IS&amp;T</td>
<td>In progress</td>
</tr>
<tr>
<td>iPad native app</td>
<td>IS&amp;T</td>
<td>Deferred</td>
</tr>
<tr>
<td>Mobile Online Registration</td>
<td>IS&amp;T</td>
<td>Completed Aug 2011</td>
</tr>
<tr>
<td>Mobile Online Scheduling</td>
<td>IS&amp;T</td>
<td>Cancelled</td>
</tr>
<tr>
<td>Libraries search and renewal</td>
<td>Libraries</td>
<td>Completed Dec 2011</td>
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<tr>
<td>Work Orders</td>
<td>Facilities</td>
<td>Completed June 2011</td>
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<tr>
<td>Transportation</td>
<td>Transportation@MIT</td>
<td>Deferred</td>
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<tr>
<td>News Office improvements</td>
<td>News Office</td>
<td>Deferred</td>
</tr>
<tr>
<td>Specialized Campus Tours</td>
<td>Institute Affairs</td>
<td>Deferred</td>
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</tbody>
</table>
Mobile Web Traffic

Thousands of page views by year

Does not include native app traffic
# Native App Statistics

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<thead>
<tr>
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<tbody>
<tr>
<td>iPhone</td>
<td>20,100</td>
<td>30,700</td>
<td>50%</td>
</tr>
<tr>
<td>Android</td>
<td>1,200</td>
<td>3,400</td>
<td>300%</td>
</tr>
</tbody>
</table>

Active users are users with the app currently installed on their devices. The number of total downloads is much higher.