COLLEGE AT YOUR FINGERTIPS

ExLibris
campusM

PERSONALIZATION

Each user is unique.
campusM personalizes the user experience to drive engagement.
They only see what they need to see.
The information is fresh and available at-a-glance.

CONSOLIDATION

campusM combines multiple existing apps into one that looks different for each user.
campusM aggregates multiple systems including student record systems, library, LMS, transport, athletics, dining, laundry, social and many more.

ADMISSIONS   OPEN HOUSE   ALUMNI   STUDENT STAFF

ONE APP | MULTIPLE PROFILES

A single app serves all users groups.

Includes students, staff, faculty, alumni, applicants, online students, open-day, parents and local community.

ROLE BASED CONTENT: ROLE SYNC

Attributes that better characterize a given profile.

E.g. a medical student vs. law, a freshman vs. senior, studies at north campus not south, likes football but not tennis, is a chemistry alumnus not history, interested in joining as a botany major not engineering.

PERSONALIZED NOTIFICATIONS

Notifications are displayed on the mobile device, but are only sent to an individual, a small group, a large group or everyone.

Works even when app is shut down.

E.g. to a student "You have 3 book loans outstanding". A small group of 10 students "Your Chemistry 101 class has been moved to room G-3". To a large group "Law career fair is at 3pm this Saturday" or "All seniors are advised that graduations photos are ready for collection".
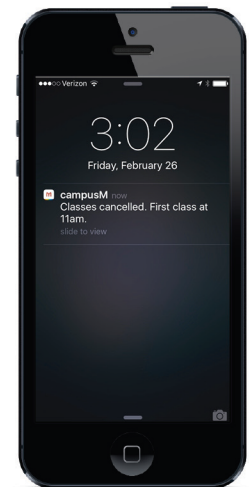
E.g. to alumni "We are expanding the bio-chemistry lab with a new $2m scanning electron microscope to further our ALS research – please click here to donate and support this cause".

NOTIFICATION TRANSCODER

Converts key emails sent by existing systems to real-time notifications.

Real-time notifications vs. emails lost in an inbox.

A simple alternative to integrating every back-end systems to campusM.

ACTIVE TILES

The tile itself displays live, real-time information

Delivers micro-moments – useful info without having to click on tile.

Analogous to seeing an email icon with a red '2' indicating 2 new messages, but much richer insight.

SINGLE CONTENT TO MULTIPLE PLATFORMS

Administrators create content once and deploy on iOS and Android as well as a responsive web browser.

Deployment is instantaneous, not requiring an app re-download, nor exiting the app. Just minimize the app and bring it back and it is refreshed.

Consolidates multiple silo development teams.

Complements (by reusing content management system) or replaces existing web portals.

OVERRIDES

Automatically adapts features based upon platform capabilities.

E.g. you can use NFC on Android but not iOS, Apple maps on iOS but not Android, GPS on native apps but not the web browser.

MULTI-TENANT SaaS

Reuses the Ex Libris US-based SaaS infrastructure that powers the world's largest libraries.

Delivers reliability, scalability and performance.

All universities are always all up-to-date, simplifying project management.

iBEACON TECHNOLOGY: POSITION ACTIONS

App reacts when in close proximity to an iBeacon.

Configurable trigger range of 2-70m

~$30 per beacon, 1-3 year battery life

Used to trigger information and videos during open house tours, present 'specials' at cafeterias, special hours or events at centers like library, sports, gyms etc.

iBEACON TECHNOLOGY: ATTENDANCE MONITORING

Automatically registers students as having attended a class.
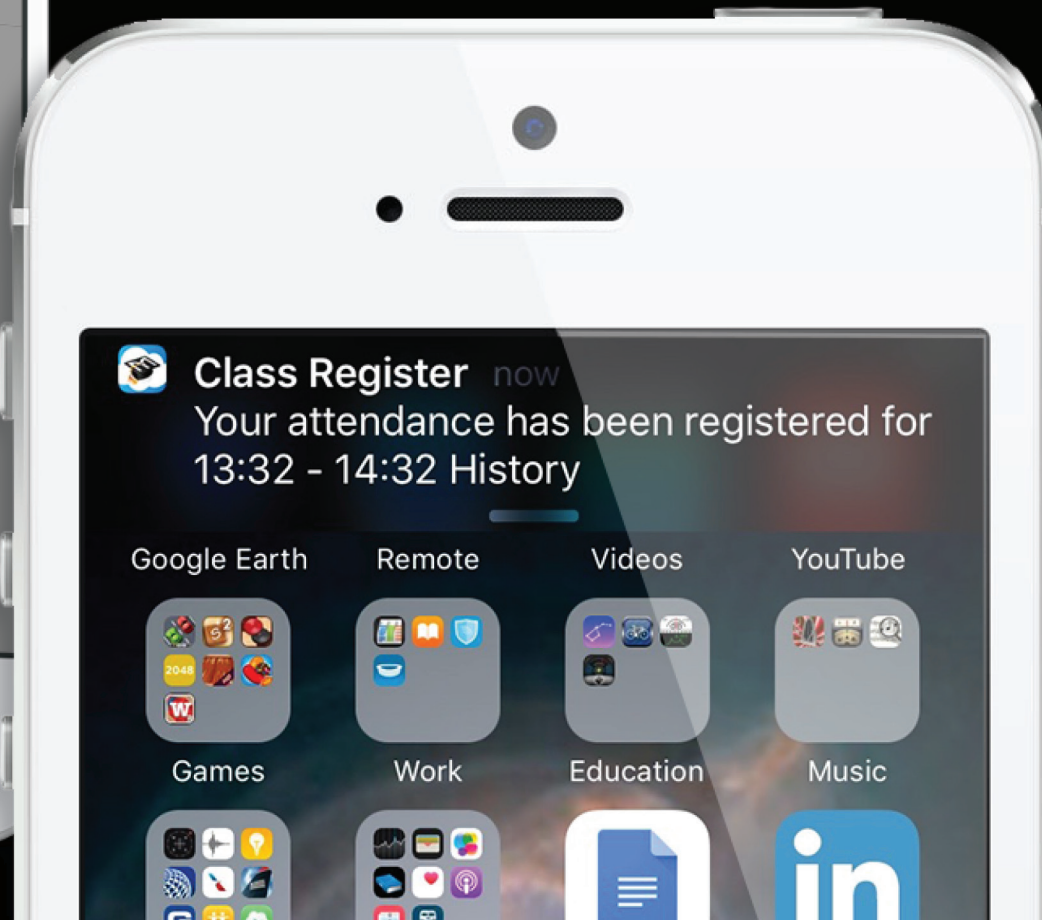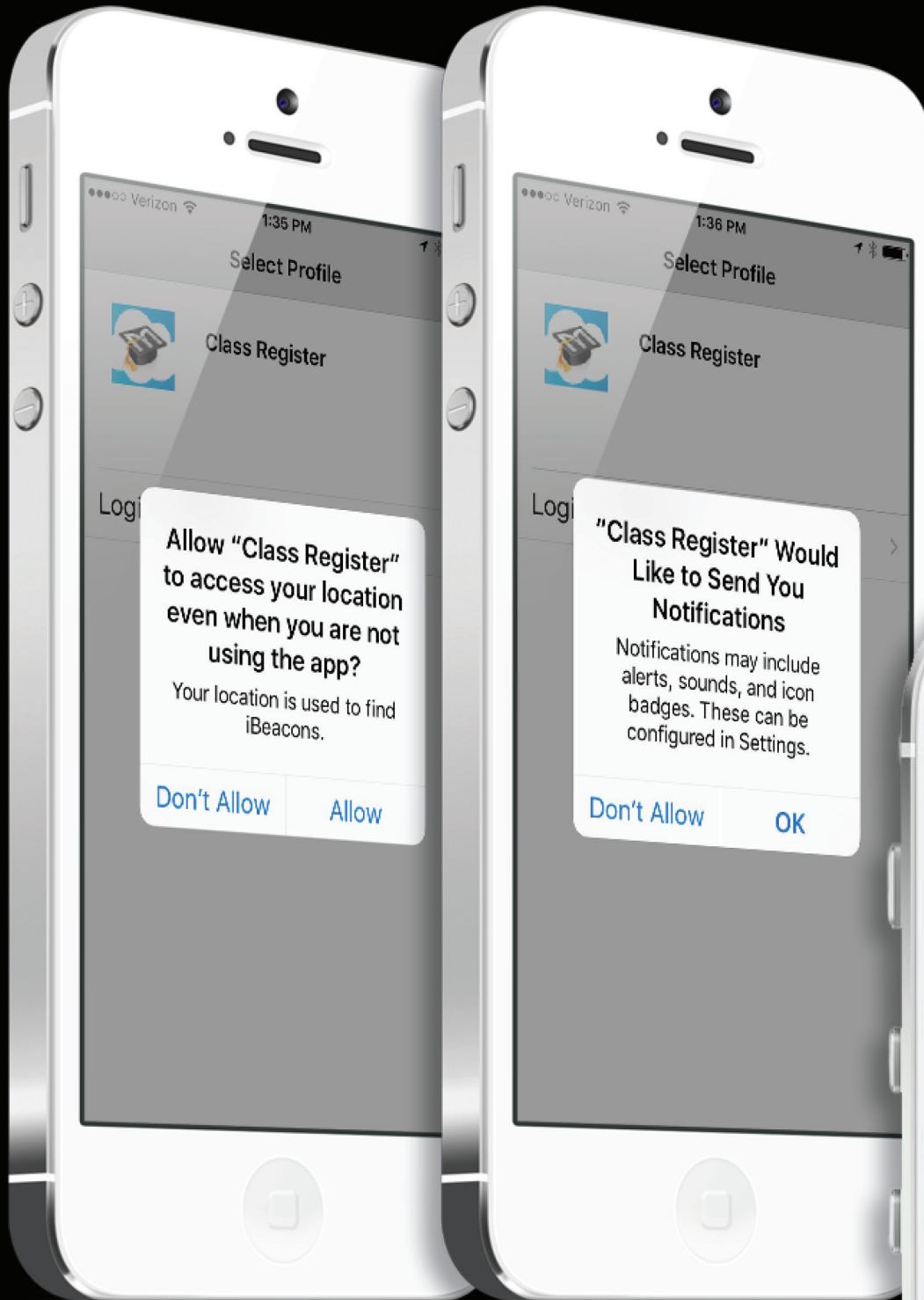
Used to verify that funded students have attended classes.

Professors have a way to manually add/remove students if they forgot their device, or if they left early or if they gave their device to a friend but were not actually present.

Used to identify at-risk students due to a decline in their classes attended.

Used to enforce minimum requirements such as number of attendances to church services, or performing arts events

Used to measure visits to the library or other facility to further justify them.

CAMPUSM NATIVE APPS AND RESPONSIVE LEAN PORTAL

Native iOS Apps

Native Android Apps

Responsive Lean-Portal

CAMPUSM CLOUD

CAMPUSM ADMIN TOOLS

APP MANAGER

APP EXTENSION KIT

INSIGHT ANALYTICS

CAMPUSM MODULES

Maps/Touchpoints | Alerts | Pocket Guides | Extensions | Feedback

CAMPUSM CLOUD MIDDLEWARE

Presentation	Personalization	Alerts Server	Security	Integration

INSTITUTION

CAMPUSM CONNECT LAYER

ON-PREMISE MIDDLEWARE

Security

Web Services

Authentication

INSTITUTION SYSTEMS

XML, SOAP, REST, JSON, API, SQL, etc.

Directory | LMS/VLE | Library | Timetable | Student Records | CRM | ERP | CMS | Custom
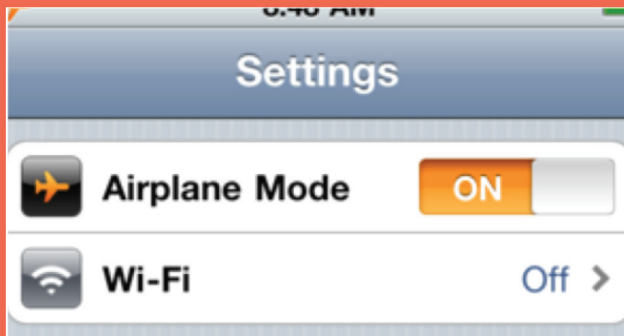
STUDENT INFORMATION SYSTEM INTEGRATION

Web services integration to SIS including PeopleSoft and Banner.

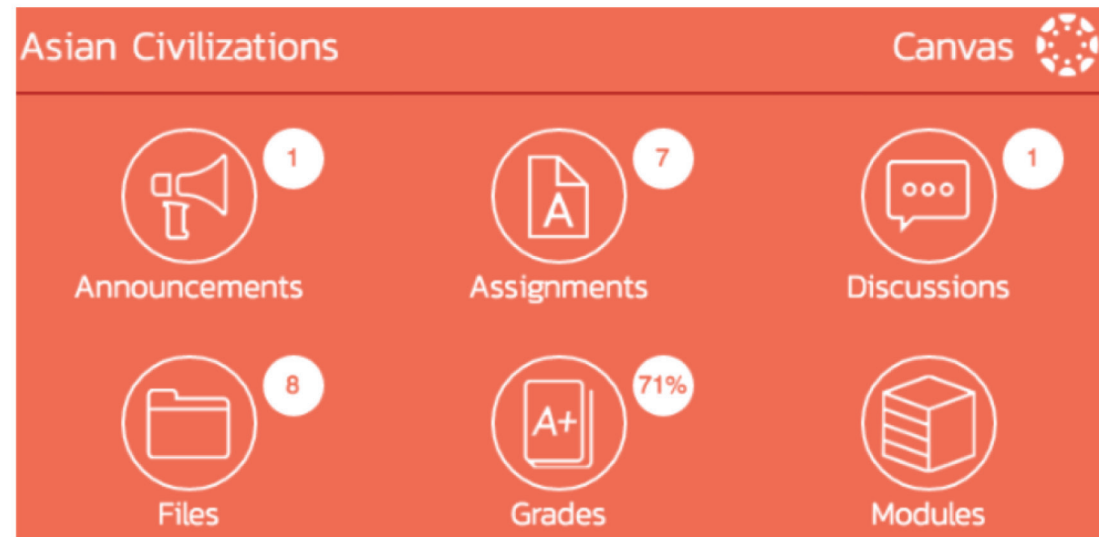Includes view/add/drop courses, timetables, grades, finances etc.

AIRPLANE MODE

Works offline as well as when connected to the Internet.

It is a true native app, not a wrapper around a web app.

Two-weeks of calendar data, all pocket guides and other files are downloaded and stored locally.

No private data is stored locally.

LEARNING MANAGEMENT SYSTEM INTEGRATION

Integration to LMS including Canvas, Blackboard and Moodle.

Includes grades, outstanding assignments and announcements, active discussions, files and modules.
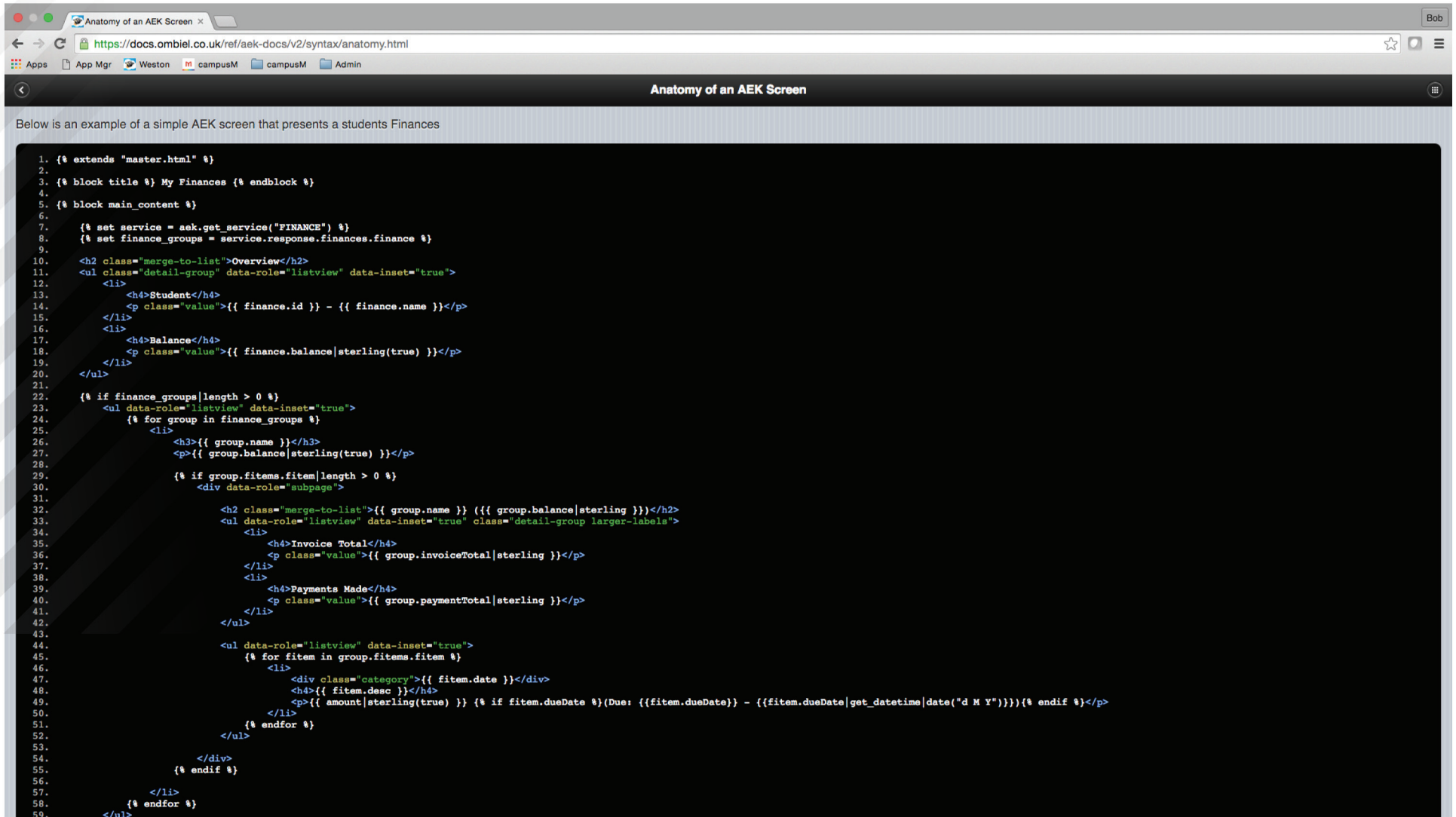
ANALYTICS

View system usage over time by various groups of users.

Identify popular tiles to target future development.

Identify under-utilized tiles to drive revisions including placement, size and functionality.

APPLICATION EXTENSION KIT

Anatomy of an AEK Screen ×

Bob

https://docs.ombiel.co.uk/ref/aek-docs/v2/syntax/anatomy.html

Apps | App Mgr | Weston | campusM | campusM | Admin

Anatomy of an AEK Screen

Below is an example of a simple AEK screen that presents a students Finances

```
1.  {% extends "master.html" %}
2.
3.  {% block title %} My Finances {% endblock %}
4.
5.  {% block main_content %}
6.
7.      {% set service = aek.get_service("FINANCE") %}
8.      {% set finance_groups = service.response.finances.finance %}
9.
10.     <h2 class="merge-to-list">Overview</h2>
11.     <ul class="detail-group" data-role="listview" data-inset="true">
12.         <li>
13.             <h4>Student</h4>
14.             <p class="value">{{ finance.id }} - {{ finance.name }}</p>
15.         </li>
16.         <li>
17.             <h4>Balance</h4>
18.             <p class="value">{{ finance.balance|sterling(true) }}</p>
19.         </li>
20.     </ul>
21.
22.     {% if finance_groups|length > 0 %}
23.         <ul data-role="listview" data-inset="true">
24.             {% for group in finance_groups %}
25.                 <li>
26.                     <h3>{{ group.name }}</h3>
27.                     <p>{{ group.balance|sterling(true) }}</p>
28.
29.                     {% if group.fitems.fitem|length > 0 %}
30.                         <div data-role="subpage">
31.
32.                             <h2 class="merge-to-list">{{ group.name }} ({{ group.balance|sterling }})</h2>
33.                             <ul data-role="listview" data-inset="true" class="detail-group larger-labels">
34.                                 <li>
35.                                     <h4>Invoice Total</h4>
36.                                     <p class="value">{{ group.invoiceTotal|sterling }}</p>
37.                                 </li>
38.                                 <li>
39.                                     <h4>Payments Made</h4>
40.                                     <p class="value">{{ group.paymentTotal|sterling }}</p>
41.                                 </li>
42.                             </ul>
43.
44.                             <ul data-role="listview" data-inset="true">
45.                                 {% for fitem in group.fitems.fitem %}
46.                                     <li>
47.                                         <div class="category">{{ fitem.date }}</div>
48.                                         <h4>{{ fitem.desc }}</h4>
49.                                         <p>{{ amount|sterling(true) }} {% if fitem.dueDate %}(Due: {{fitem.dueDate}} - {{fitem.dueDate|get_datetime|date("d M Y")}}){% endif %}</p>
50.                                     </li>
51.                                 {% endfor %}
52.                             </ul>
53.
54.                         </div>
55.                     {% endif %}
56.
57.                 </li>
58.             {% endfor %}
59.         </ul>
```

Developers extend the functionality and future-proof the app.

Uses award-winning React to reflect constantly changing underlying data.

Universities world-wide can collaborate via an open AEK tile registry.

Any web service can be presented through bi-directional integration.