Mahoodle UTOPIA

A Developer’s perspective

Bas Brands, Mahoodle Moot 2017, Cambridge
Bas Brands

Freelance web developer

The Netherlands
Mahoodle research

"An easily extendable framework for delivering learning, where all components are linked but dispensable based on user requirements." Simon Lewis

"Easy, lightweight and portable such that it could run on a single board computer, serve a local WiFi hotspot to mobile devices and thus bring education for all in the developing world." Gareth J Barnard
Tech in 2007

https://www.flickr.com/photos/12905355@N05/6667668181/
Tech in 2027?

http://hyper-reality.co/
TECH BUZZWORD

Artificial intelligence  Augmented reality

Virtual reality

Big data

Progressive web apps

Mobile first

Machine learning
Does it fit Mahara / Moodle?

https://www.youtube.com/watch?v=c-ysQD2enLg
What could be improved?

Performance

Usability

Mobile experience

User Experience

Reduce complexity

Less options

Less features
My Little MOODLE

Base Moodle

Easily drag and drop files and images

Simple to setup

Less standard plugins

Cleaned

Easy to extend
Multi Purpose Theme

- For Moodle
- For Wordpress
- For Mahara

Matching user interface
One visual identity

One Bootstrap version
Unified user interface

Smart exchange of design
JavaScript and (mustache) Templates
AngularJS Mockup

This is the CIE User Grading Mockup site. This uses plain text HTML to demo the new grading user interface.

Template contents
This home page
A Course page
The Grading interface

DUMMY COURSES
Assessment course
his course outlines Moodle's features by providing examples of activities and resources.

Basic Moodle and Mountaineering
Climbing Mountains just for fun
Lazyload content
Web services for validation

Course Manager

Dashboard ➔ Course Manager ➔ Manage Courses

Available courses  Overview  Course request

2. Add your students

Please complete these details and add students to be added to your course

View enrolled users (1)  Submit request

Template course info

<table>
<thead>
<tr>
<th>Template course name</th>
<th>Theme testing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category</td>
<td>Miscellaneous</td>
</tr>
<tr>
<td>ID Number</td>
<td></td>
</tr>
<tr>
<td>Start date</td>
<td>1 July 2017</td>
</tr>
</tbody>
</table>

Add student details

paulandpaula@gmail.com
Lena Rock larock@yahoo.com
Jennifer Higgs j.higgs@gmail.com
Stanley Portman s.portman@christiancollege.edu
Validation results

<table>
<thead>
<tr>
<th>Username</th>
<th>First name</th>
<th>Last name</th>
<th>Email</th>
<th>Institution</th>
<th>Result</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>andor-2-168</td>
<td>paul</td>
<td>andom</td>
<td><a href="mailto:paula@gmail.com">paula@gmail.com</a></td>
<td>CIETEST-2</td>
<td>User will be added</td>
<td>Delete</td>
</tr>
<tr>
<td>rock-2-172</td>
<td>Lena</td>
<td>Rock</td>
<td><a href="mailto:larock@yahoo.com">larock@yahoo.com</a></td>
<td>CIETEST-2</td>
<td>User will be added</td>
<td>Delete</td>
</tr>
<tr>
<td>higgs-2-251</td>
<td>Jennifer</td>
<td>Higgs</td>
<td><a href="mailto:j.higgs@gmail.com">j.higgs@gmail.com</a></td>
<td>CIETEST-2</td>
<td>User will be added</td>
<td>Delete</td>
</tr>
<tr>
<td>portm-2-401</td>
<td>Stanley</td>
<td>Portman</td>
<td><a href="mailto:s.portman@weheer.de">s.portman@weheer.de</a></td>
<td>CIETEST-2</td>
<td>User will be added</td>
<td>Delete</td>
</tr>
<tr>
<td>brand-2-381</td>
<td>chris</td>
<td>cross</td>
<td><a href="mailto:bmbrands@gmail.com">bmbrands@gmail.com</a></td>
<td>CIETEST-2</td>
<td>Found email in system, username does not match</td>
<td>Delete</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Found user in system, institution does not match</td>
<td></td>
</tr>
</tbody>
</table>

4 valid user(s) out of 5 total.
We are not alone