THE EXISTING PROBLEM OR ISSUE
Universities especially are generating a lot of 3D media across a variety of disciplines yet have no coherent, easy and flexible way to deliver these media artefacts to their students. In many disciplines (such as design or engineering), students are generating 3D media as assessment objects yet have no simple and effective way to submit these objects online for their assessors or to show their peers.

The wealth of 3D data generated has to date required expensive and often difficult offline software solutions to inspect. In the higher education sector, this has meant that the growth of online learning and teaching has had no way to benefit from the growth in 3D data acquisition. Similarly in the museum sector, the digitisation of collections has resulted in offline and inaccessible databases similar to the inaccessibility of the collections in storage themselves.

OUR SOLUTION
Pedestal has been developed as a native web application to enable brokerage for 3D data viewing. Pedestal offers a unique plug and play addition to the online learning and teaching environment of all education providers and can be used as a seamless front end delivery method for museums.

Having such a system reduces the bespoke development overhead for entry into this space for institutions and allows them to take full advantage of the data they are generating. By taking a SAAS approach, Pedestal also allows peace of mind that all data storage, privacy and rights needs are retained.

APPLICATIONS
✓ Object based learning
✓ Museum outreach
✓ Arts and Humanities
✓ Science and Engineering
✓ Design and Architecture
✓ Medicine and Anatomy

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<thead>
<tr>
<th>ADVANTAGES</th>
<th>BENEFITS</th>
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<tr>
<td>Widely compatible</td>
<td>Works on all browsers on both desktop and mobile without plugins.</td>
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<td>Interactive features</td>
<td>Learning specific features such as measuring, cross sections and annotations developed for (and by) real world academic use.</td>
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<td>Simple to use</td>
<td>A simple and intuitive (yet powerful) responsive interface.</td>
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<td>Data source agnostic</td>
<td>The system does not require data to be uploaded to offshore or 3rd party services. Your data, your way.</td>
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<td>Learning Management System (LMS) integration</td>
<td>As an LTI compliant tool, Pedestal offers secure and rich integration into existing learning systems enabling custom per-student features.</td>
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INVENTORS
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WOULD YOU LIKE TO KNOW MORE?
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