













		Interviews with potential stakeholders
WiFi connections as a proxy for occupancy	WiFi connections as a proxy for occupancy	
<section-header><section-header><section-header><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><table-row><table-row></table-row><table-row></table-row></table-row></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></section-header></section-header></section-header>	Tasks         ✓         Confirm assumptions or previous observations.         Do students occupy room x in evenings or on weekends?	<ul> <li>Tasks</li> <li>✓ Confirm assumptions or previous observations.</li> <li>✓ Monitor the current/recent utilization rate. Which rooms are empty/busy?</li> </ul>
<text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text>	Spatial and Temporal Data Granularities	Sandbox           Data sketches, static data export
Spatial and Temporal Data Granularities         Variation       Floor       Building         Regions of interest       Image: Construction of the second secon	Spatial and Temporal Data Granularities         Regions of interest       Zone       Floor       Building         Image: Summer term       Image: Summer term       Image: Summer term       Image: Summer term         Periods of interest       Summer term       Fr 8-10am       Weekends	Sandbox       Building Rec         Data sketches,       Live-data stream,         static data export       Region Comp
125	126	Time





	Reusable Visualization Components				
	Lavout Visual Encoding	Facet	Comparisons		
ds, outliers	Sparkline	Juxtaposition	Repeating patterns, trends, outliers (contiguous)		
ds, outliers	Box-plot-bars	Juxtaposition	Repeating patterns, trends, outliers (non-contiguous)		
s	Confidence band line chart	Aggregation	Typical utilization profiles		
	Superimposed line chart	Superposition	Within-session patterns, outliers		
131				132	
	Ocupa <ul> <li>Analysis and abstraction of data</li> </ul>	ado Contribut ata and tasks fo	ions or studying space utilization		
	<ul> <li>Ocupado, a set of visual decision support tools</li> <li>Generalizable design choices for visualizing non-trajectory spatiotemporal data relating to large-scale indoor environments</li> </ul>				
135				136	
write	Original DSM framework	design imple	ment deploy reflect write		
	Data-first DSM framework				
139				140	
write	Original DSM framework	design imple	ment deploy reflect write		
	Data-first DSM framework earn acquire data ADD · What · Are ti · What · What · What	type of data arr here any data qu is special about would benefit fr pring it?	n I working with? Jality challenges? t this data? rom seeing and		
143				144	







