Complete this spreadsheet and bring it to the session on Friday Sept. 21 in 14N-132 (DIRC). Think about each research topic, and the types of information you would need to find for the topic (based on the handout provided).

<table>
<thead>
<tr>
<th>Topic</th>
<th>Some Possible Information Types – Bringing the reader up to date. What motivates your approach?</th>
</tr>
</thead>
</table>
| Consumer Product design:  
A flexible crampon design  
or  
Automatic acoustic guitar tuner |                                                                                       |
| Research project:  
A study of plasma etching for use on active metals  
or  
Biomechanical properties of engineered collagen scaffolds |                                                                                       |
| Comparative Analysis:  
A comparison of high temperature fuel cells and gas turbines for expansion of the MIT Cogeneration Plant |                                                                                       |
| Service project:  
Design of a bagasse charcoal briquette-making device for use in Haiti |                                                                                       |
| Environmental impact analysis:  
An environmental impact analysis of grinding |                                                                                       |
| Manufacturing process design:  
An application of lean principles within a semiconductor manufacturing environment |                                                                                       |
| Improvements in logistics:  
Building operational excellence in a multi-node supply chain |                                                                                       |
| Creating a new class:  
An interdisciplinary MIT course: designing robots that interact with the physical world |                                                                                       |
| YOUR RESEARCH TOPIC: |                                                                                       |