

## **EGN 6642 – Homework 4 : Inside the Box #2**

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### **Innovation by Task Unification: Integrated Trackball/Trackpad Keyboard.**



This is a good example of innovation by task unification. By coming up with a design that integrates both a keyboard and mouse, it provides 2 functionalities in one single product, while minimizing space and tedious wire management or additional costs involved in purchasing a mouse. It comes with wireless capabilities as well and several hardware providers like Dell, Logitech, Sony are seeing increasing sales and demand for it.

### **Innovation by Attribute dependency: Transition glasses.**



Transition glasses use photochromic lenses, that adapt according to the amount of light it is exposed to, improving vision capabilities of those who wear glasses in low light or glaring sunlight. It depends on the attribute of light exposure, darkening in bright sunlight, and clearing up in low ambient light. It was pioneering by Corning glass in the 1960's. Recently, Nike partnering with Transitions optical, have engineered adaptive sunglasses to enhance performance in multiple sports.