Doug Englebert was a pioneering computer scientist and inventor, best known for his work on the development of the computer mouse and the concept of hypertext. Here are three of his most significant innovations:

1. **The Computer Mouse:** The mouse was developed at Stanford Research Laboratory in 1965 as part of the NLC project It was intended to be a cheap replacement for light pens, which had been used at least since 1954.Many of the current uses of the mouse were demonstrated by Doug Engelbart as part of NLS in a movie created in 1968. Today, the mouse has become a ubiquitous input device, but its design has evolved significantly from the original prototype. Modern mice often have additional buttons and scroll wheels, and many users have switched to other input devices such as touch pads, touch screens, or stylus pens.
2. **Graphical User Interface :** is the method in which users interact with their computers. Originally, computers came as just blocky text and required extensive knowledge of coding and computing interfaces to operate. Engelbart’s thought process helped to change this. He was one of the first to come up with the concept of creating GUIs that could be easily used by other individuals.
3. **Hypertext:** In the 1960s, Englebart envisioned a new way of organizing and navigating information called hypertext. Hypertext allows users to link documents and pages together using clickable links, creating a web of interconnected information. Today, hypertext is a fundamental concept of the World Wide Web, and modern web browsers and search engines have made it easier than ever to find and explore linked information.