تنمية القدرة الإبتكارية لمصمم الزجاج فى تصميم منتجاته بإستخدام برنامج الراينو

# Developing the innovative ability of the glass designer to design his

## products using the Rino program

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### Abstract:

The technological revolution witnessed by the world by providing computers in all fields has achieved the great help of mankind as it has set standards for many areas that govern performance. There is a great importance for computers in all fields, including the field of design programs. The designer can design many designs in the shortest time possible, and get multiple different treatments and multiple sizes for one design in a few minutes and many design and color alternatives. The research focused on developing the innovative capabilities of the glass designer using The Rhino program has many possibilities in the design process, although the Rhino program is dedicated to the design of jewelry, but it contains many possibilities that can develop from the design process, hence the problem of research represented In:

### **Research problem:**

- Can the Rhino program be used in the design of various glass products?
- Can a glass designer use the Rino software to express its different technologies?

Is it possible to implement glass products designed with software?

### **Search Goal:**

- That using the Rhino program in the design process increases the creative ability of the glass designer.
- Helps production processes in a way that saves time and effort.