

## Computing: Application Development

Good user interfaces don't happen by accident. Ben Shneiderman developed **Eight Golden Rules** that designers use to create interfaces that are intuitive, efficient and enjoyable to use.

Your task is to investigate these rules and evaluate how well they are applied in real digital products.

### **Task 1 Shneiderman's 8 Golden Rules**

Research each of Shneiderman's 8 Golden Rules

For each rule explain:

1. What does the rule mean?
2. Why is it important?
3. Give an example of a website or app that follows this rule well
4. What problems might users experience if the rule is ignored?

Consider displaying your research in a table

### **Task 2 Evaluate a Real App**

Choose **one** website or app that you use regularly.

Examples:

- Spotify
- Netflix
- YouTube
- Microsoft Teams
- Snapchat
- Instagram
- BBC News
- Amazon
- Google Maps

For **each** of the 8 Golden Rules:

- Does the app follow the rule?
- Give evidence using screenshots or descriptions.



- Give the app a score:

### Task 3 Become the designer

Imagine you have been hired to improve the app.

Choose **three** of the Golden Rules that could be improved.

For each one explain:

- What is currently wrong?
- Which Golden Rule is being broken?
- How would you redesign the interface?
- Why would this improve the user's experience?

You may include sketches or annotated screenshots to support your ideas.