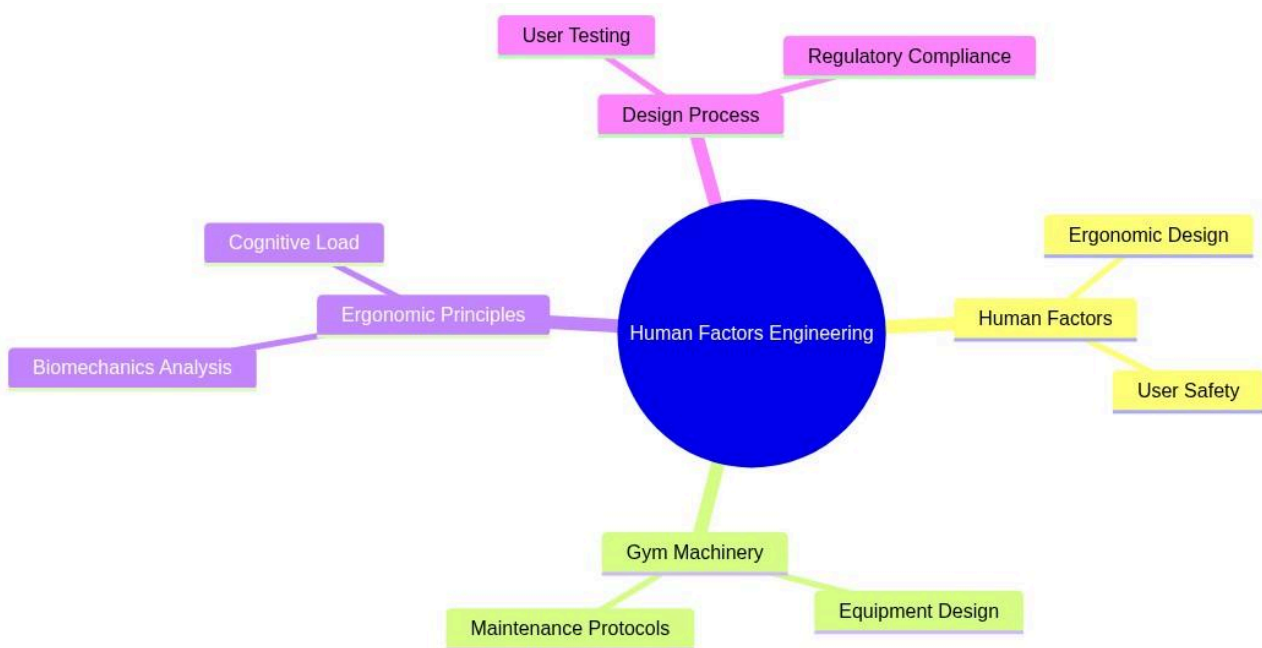


Gym Machinery Engineering and Safety

Human Factors Engineering



mindmap

```
root((Human Factors Engineering))
  Human Factors
    Ergonomic Design
    User Safety
  Gym Machinery
    Equipment Design
    Maintenance Protocols
  Ergonomic Principles
    Biomechanics Analysis
    Cognitive Load
  Design Process
    User Testing
    Regulatory Compliance
```