**Levels of Engagement**
- Passive
- Assistive
- Collaborative
- Deterministic

**Purposes of Using GenAI**
- Refine the Outcomes
- Explore Alternatives
- Get Anwsers to Inquiries
- Automate Processes
- Enhance Experiences
- Augment Sample Data
- Understand Subjects

**Feedback from Models to Humans**
- **Functions of GenAI Models**
  (1) Generation from Scratch, (2) Completion,
  (3) Intra-Modal Transformation, (4) Inter-Modal Conversion,
  (5) Diversification, (6) Aggregation
- **Output Modalities**
  (1) Textual, (2) 2D Visual, (3) Layout, (4) Numerical Data,
  (5) Audio, (6) 3D Graphic
- **Synchronization**
  (1) Preliminary, (2) Real-time, (3) Delayed

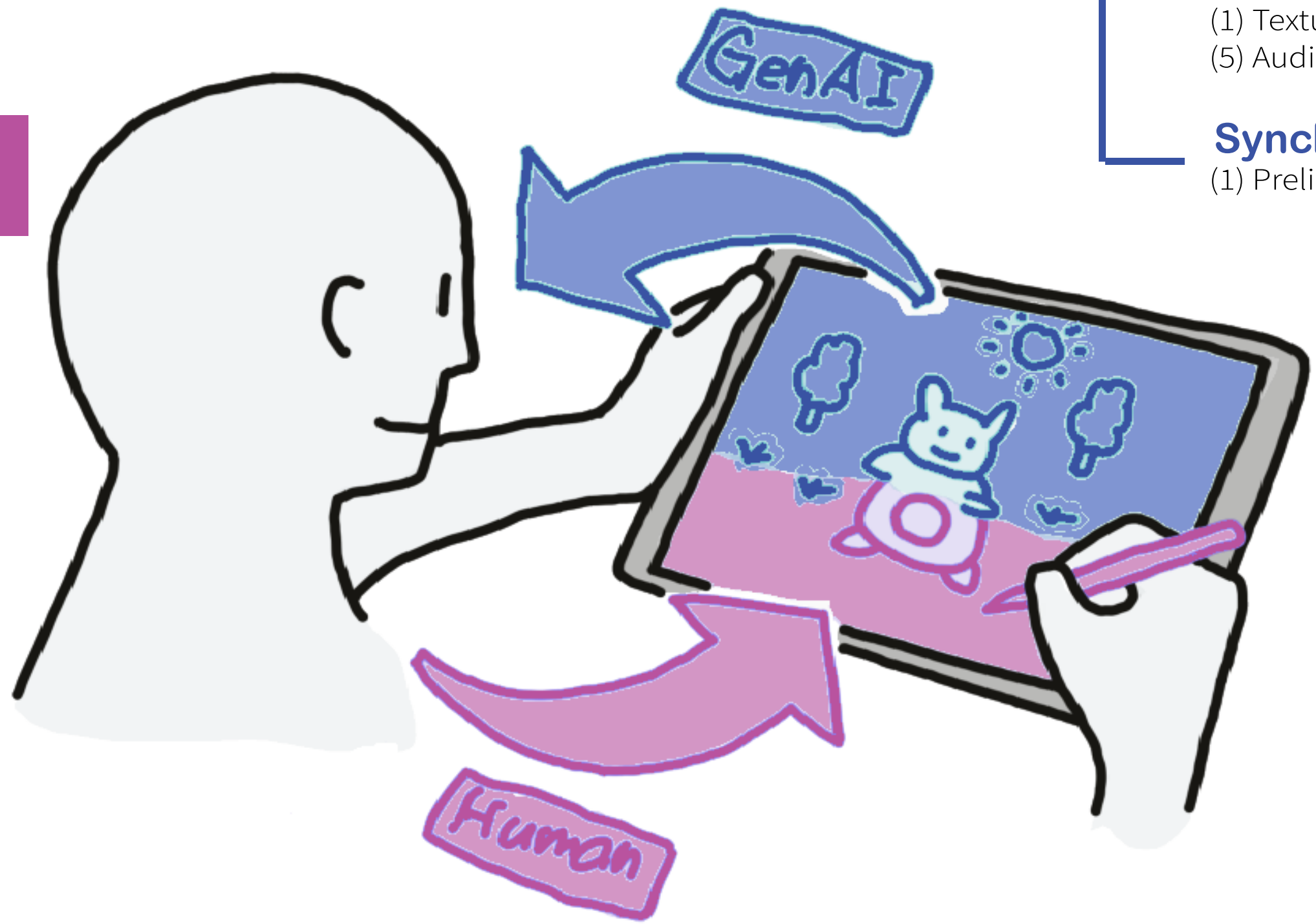**Control from Humans to Models**
- **Methods to Improve**
  (1) Option Selection, (2) Highlighting and Inpainting,
  (3) Parameter-based Tuning, (4) Natural Language Command,
  (5) Additional Demonstration, (6 Reinitialization
- **Objects to Control**
  (1) Latent Space, (2) Parameters,
  (3) Retraining, (4) Input
- **Mediums of Control**
  (1) GUI and Widget, (2) Controller,
  (3) Tangible Object, (4) Pen, (5) Brain Control Signal,
  (6) Body Motion and Gesture, (7) Voice Command

**Application Domains**
- Art and Creativity
- Research and Science
- Writing
- Programming
- Robotics and IoT
- Education and Training
- Game Development
- 3D Modeling
- Design
- Quality of Life