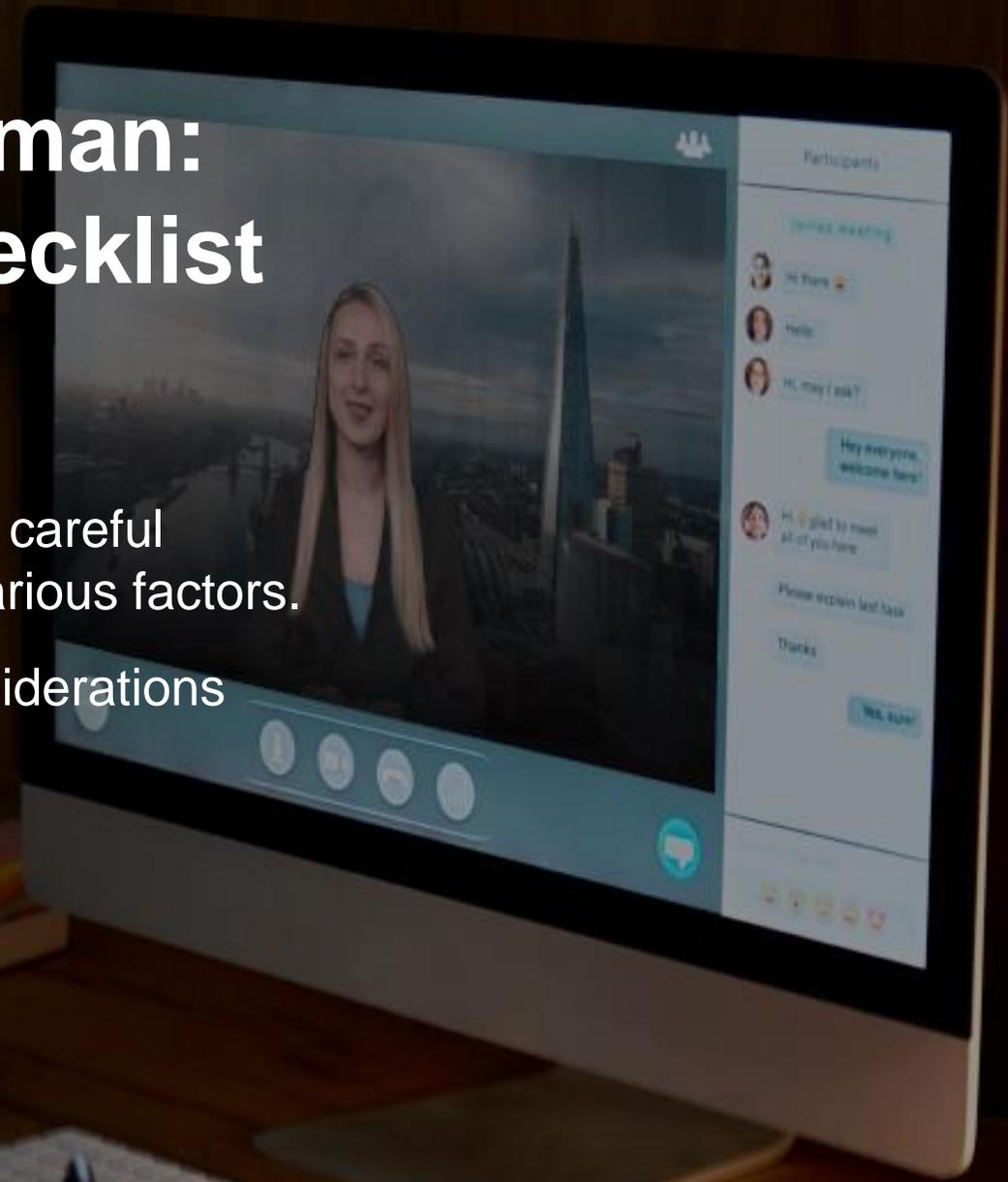


# Creating a Digital Human: A comprehensive checklist

The development of a digital human is a multidisciplinary endeavour that requires careful planning and a deep understanding of various factors.

This guide will delve into the critical considerations necessary for success.





## 1. Purpose and Audience

- Define digital human's role (e.g., training, marketing, assistant).
- Analyse target audience's needs and expectations

## 2. Appearance and Design

- Select gender, age, ethnicity, and attire appropriate for audience and purpose.
- Ensure cultural sensitivity and inclusivity in design.

## 3. Language and Communication

- Choose natural or localized accents for effective communication.
- Determine language proficiency and multilingual capabilities.

## 4. Voice Cloning

- Comply with legal and ethical standards for AI voice cloning.
- Implement ISO:27001 certified data protection measures.
- Maintain transparency and accountability in development and use.

## 5. Interaction Modes

- Prepare pre-recorded responses for scripted interactions.
- Enable real-time interactivity based on user input.
- Integrate with virtual reality for immersive experiences.

## 6. Environmental Context

- Design complementary settings and backgrounds.



## 7. Enhancing Realism

- Incorporate culturally appropriate animations and gestures.

## 8. Accessibility

- Include accessibility features like text-to-speech and subtitles.

## 9. Emotional and Social Intelligence

- Develop capabilities for emotional display and perception.
- Integrate emotion recognition technology.

## 10. Privacy and Security

- Ensure user data protection and regulatory compliance.
- Address technical and legal requirements for functionality and scalability.

## 11. Testing and Feedback

- Conduct usability testing across devices and platforms.
- Continuously refine based on metrics and user feedback.

## 12. Long-Term Viability

- Establish a maintenance strategy for updates and relevance.
- Ensure seamless system integration for a unified experience.

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