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(51) International classification	:G06F0003010000, G06T0019000000, G06F0009451000, G06Q0050140000, G06F0003048200	(71) <b>Name of Applicant :</b> <b>1)NOIDA INSTITUTE OF ENGINEERING &amp; TECHNOLOGY</b> Address of Applicant :19, Knowledge Park-II, Institutional Area, Greater Noida – 201306, Uttar Pradesh, India. Uttar Pradesh India
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(57) Abstract :

The invention discloses a virtual reality platform for tourism and cultural heritage exploration comprising a VR Interface (101), Heritage Content Repository (102), AI Personalization Engine (103), Real-Time Cultural Narration System (104), Collaborative Exploration Module (105), and Cloud Server (106). The system provides immersive 3D experiences of cultural landmarks, AI-driven personalization, real-time multilingual narration, and collaborative exploration. It ensures accessibility, inclusivity, and sustainability while preserving endangered heritage digitally. The invention bridges the gap between physical travel and virtual immersion, revolutionizing cultural exploration and safeguarding historical assets for future generations.

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