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(57) Abstract :

The invention relates to a Virtual Reality Platform for Emergency Rescue Training Simulations comprising a VR interface unit (101), immersive scenario generator (102), AI-driven decision module (103), multi-user collaboration unit (104), performance monitoring module (105), and feedback system (106). The platform provides immersive, adaptive, and safe training environments replicating diverse emergencies. It enables role-based collaboration, AI-driven unpredictability, and comprehensive performance evaluation, thereby enhancing preparedness and reducing risks associated with traditional training. This invention ensures cost-effective, scalable, and realistic emergency rescue training solutions.

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