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(57) Abstract :

ABSTRACT Disclosed herein is a system (100) for real-time geofenced digital interaction, the system (100) comprising a user interface (104) integrated into a user device (102), the user interface (104) being configured to facilitate user interaction, a plurality of sensors (106) configured to generate contextual data, an emergency unit (116) comprising a panic activation button (118), a camera unit (120) and a voice input unit (122), a communication network (124) configured to facilitate data exchange within the system (100), a processing unit (126) configured to process data for real-time geospatial emergency interaction, wherein the processing unit (126) comprises a data input module (128), a data preprocessing module (130), an authentication module (132), a geo-validation module (134), a proximity validation module (136), an event orchestration module (138), a messaging module (142), an emergency handling module (144), a data synchronization module (146), a load management module (148), a service intelligence module (150) and an output module (152).

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