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(57) Abstract :  
 This invention relates to a real-time crime heatmap generating system and method for reporting criminal activity. The system includes modules such as a criminal listing module, hotspot module, CCTV monitor module, location detection module, notification module, storage module, and output control module. The method involves receiving the location of a second user device, analyzing criminal data related to the location, generating a heatmap based on the analyzed criminal data, and enabling the second user device to report any ongoing crime through an SOS button. The system may also generate notifications on first and nearby second user devices when a crime is reported, including details about the type of crime, location, time, and other relevant information. This system may help police personnel and citizens stay informed about criminal activity and make more informed decisions.

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