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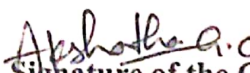
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Department of Computer Science and Engineering

Certificate

Certified that the project work entitled **"Mobile App For Emergency Services"** carried out by **Ashwin Sharma (1SG13CS022), Bipin Kumar (1SG13CS027), Manash Kumar (1SG13CS061), Bhashkar Kuma Pandey (1SG10CS017)** bonafide students of **Sapthagiri College Of Engineering**, in partial fulfillment for th award of **Bachelor of Engineering** in **Computer Science and Engineering** of **Visvesvaraya Technologica University, Belgaum** during the academic year **2016-17**. It is certified that all corrections/suggestions indicate for Internal Assessment have been incorporated in the report deposited in the department library. The proje report has been approved as it satisfies the academic requirements in respect of Project work (10CS85) prescribe for the said degree.

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ABSTRACT

In case of emergency, rapid intervention is critical in determining the outcome. The emergency service personnel have the crucial responsibility of bringing the response time to as minimal as possible. But, due to the limited information an emergency personnel can gather over phone the response time is high. Most of the times, it is very hard to locate the area where emergency situation has arisen, just from the descriptions that are provided over call. Therefore we intend to aid the personnel by bringing a mobile app which will send the exact GPS coordinates of the caller to the emergency response center, it will become very easy to identify the place and quickly send the nearest ambulance. If the exact location of ambulances are also known, the system could calculate the time required by each of them to reach the destination and allocate the optimum one, which would reach in the shortest amount of time. It will be easy for the call center personnel to identify and make sense of everything if all these details are shown on a real time map on screen. The ambulance driver could navigate to the exact location without any trouble. This project makes use of a smartphone, having GPS and internet facility.