

INNOVATION LAB
STUDENT PROJECT TEMPLATE

Date	28 October 2016
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Team Members	Harsha.A.R, E.Parikshith, Danial Mikhael Hamza.
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Std/Section/ House	8th standard 'A' section, St.Andrews House.
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Class Teacher/ House Leader	Class teacher: Rushi Sumayya House Leader: Neel Jain
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OBA Mentor	Gautam Gijoor Sir
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Title	Live way for the Ambulance
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<p><u>Social Problem</u></p> <p>It is a major problem in major cities like Bangalore, Delhi, Hyderabad, etc.The problem is due to heavy traffic in many cities the Ambulance cannot be able to pass through the traffic jam.</p> <p>Q1. What is the solution for this problem?</p> <p>Q2. How does it work?</p> <p>Q3. What are the devices needed for it?</p>

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Team Members	Harsha.A.R, E.Parikshith, Danial Mikhael Hamza. Team name: Helpful citizens.
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<p><u>Proposed Solution</u></p> <p>Ans1. We can install two sensors, one in the Ambulance and one in the traffic pole.</p> <p>Ans2. When an ambulance is at a distance of 1km from the traffic pole, if that road has a red light, the sensor inlance, and the light turns green. The other road signal will be red till the Ambulance passes that signal.After the Ambulance passes the signal the signal of that road will turn red and the next road signal turns back to green.</p> <p>Ans3. We will only need two sensors, one which needs to be installed in the Ambulance and the other in the traffic pole.</p>
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<u>Tasks & Timelines</u>

Harsha A.R helped us by giving this topic and he is our sub- team group leader. Parikshith and Danial gave the group more ideas on the topic. The only problem was that our houses were far and couldn't get much time to discuss.

NOTE: This cannot be applied on the signals which are controlled manually as they have switches to give the signals and change it when an ambulance appears.

Sources/References

NIL.