SMART SOLUTIONS

FOR RAILWAYS

ABSTRACT

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people use Indian Railways to travel even on daily basis and if the railways are not secure and prone to accident then life of many A lot of people in India travel to other places using railways and some people are at risk. A lot of railway accidents occur at level crossing that is the point of intersection of road and railway track and the reason in most of the cases in human error. So, to avoid the accidents caused due to human failure this model is to make level crossing unmanned and smart than can reduce the chances of accidents manifold. In this proposed paper we have implemented ideas such as pre-crashing using RFID senser.

This model automatically closes the gates of railway crossing when the train is arriving near the crossing before a safe interval of time so that there is no chance of human error. Also, our model keeps a track of the train passed from the particular crossing along with exact time of passing so that the data is maintained that too without human effort.