**PROJECT TITLE: PUBLIC TRANSPORT OPTIMIZATION**

**(Smart Railway Station)**

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**PROBLEM SOLUTION: The problem in the railway station is when the train passes its track some people or children fallen into the track unknowingly we have to protect them from the falling. The solution for the problem is to avoid them from the falling first we have to use the barricade between the railway platform and the track using the servo motor and the ultrasonic distance sensor, using ultrasonic sensor we have to sense whether the train is arrived or not if the train is arrived the barricade will close by using servomotor. Otherwise the barricade will open. Through which we can reduce accident in railway station.**

**METHODOLGY :**

Start

The arrival of train is detected by ultrasonic sensor

**No Yes**

The Barricade will be opened while crossing the rail track by persons

The Barricade between track and platform will be closed by servomotor

When train comes

Through which we can reduce accident

Stop

**GITHUB LINK : https://github.com/Manjui10**