**ABSTRACT**

Getting quicker and earliest booking in Indian Railways system is sometimes a challenge for passengers. The challenge is to devise an optimization using latest technologies which improves probability of getting ticket, improve booking time and customer experience remarkably. Expectation from solution are (1) Once passenger enters origine and destination, probable options and alternatives should be provided to him, within predefined/limited time frame. This should help passenger in getting confirm seat. (2) Additional functionality could be added to help passenger getting confirmed seats, improve booking time. (3) Data available in public domain/internet can be used by students to approach problem.