**LITERATURE SURVEY:-**

| S.NO | Year | Paper Name | Overview | Advantage | Disadvantage |
| --- | --- | --- | --- | --- | --- |
| 1 | 2012 | Android Suburban  Railway Ticketing  with GPS  as Ticket Checker | Android; SQLite;  Cloud Database; ASR;  QR code | E-ticket  facility,enabling  reuse and  replacement of components | QR codes  before the user  enters or leaves  the station where the user  can have access  which is risk in  ticket booking |
| 2 | 2017 | Novel Approach  for Smart Indian  Railways | Digitalization, Smart  Railways, Aadhar  card, Smartphone,  Identity Verification | The main  objective of this  paper is to  employ a  mobile  application  through which  passengers can  access various  ticketing  options in a  user-friendly  and  efficient  manner | This paper  brings in the  implementation  of the Aadhar  card, in  the process of  booking the  tickets and the  efficient  identity  verification of  the passenger  using the  biometric data. |