

S. No	Year	Founder Name	Invented Concept
1	2001	Beng Bao, L. Anantharaman, R. Deng	Design of portable mobile devices based e-payment system and e-ticketing system with digital signature
2	2008	Yue Liu, Ju Yang, Mingjun Liu	QR Code with mobile Recognition phones
3	2010	Hu, YLinli uhao Wang, Dong Li, Jing Li:	A hybrid client/server and browser/server mode-based universal mo- bile ticketing system
4	2011	Li Li, Wu Chou	Design and Describe REST API without Vi- olating REST: A Petri Net Based Approach” ,
5	2011	V N Kamalesh, Vikram Ravindra, Pradeep P Bomble, M P Pa- van, B K Chandan, S K Srivatsa	virtual ticketing International Research Journal of Engineering and Technology system
6	2012	Android Suburban Railway Ticketing with GPS as ticket checker	E-ticket facility,enabling reuse and

			replacement of components
7	2015	Joao Leal,Rui Couto,Pedro Mauricio,Teresa Galvao:	Exploring ticketing approaches using mobile technolo- gies:QR Codes,

Smart Solution for Railways
Literature survey