Development of an Effective Web Based Bus Pass Generation System for College Students

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ARTICLE INFO

Article History:
Received January 1, 2020
Revised January 31, 2020
Accepted July 31, 2020

Keywords:
NCR, GPS, Software ,simulation, applications,startup

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ABSTRACT

This project aims to provide an effective solution for interactive web based bus pass creation system for college students. This system will simply require their personal details with confidential pin for authentication purpose, which student has to buy from the DTC bus depot or college office. The system can be accessed by a student at any time. This system will also allow the student to renew his/her card. However, there will be penalty of minimal amount in case of loss. In addition to this, to identify the fake bus pass users, beholder of pass must carry his/her i-card for the verification purpose while traveling. Since, it is a startup project, we would like to have it first as a pilot project. Thus, only few universities will be considered for the application of bus passes. However, pilot project will be running to all routes across Delhi-NCR. Proposed online bus pass system will take into maximum requirement of students and provide them easy and faster way to get their bus pass avoiding queues. After the successful running of pilot project, this system can be implemented to general citizens in the city.

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