Mobile Application for Railway Parking

As the continuation of the articles about the services provided by Kudumbashree in convergence with Railways, let me explain about a new idea which we are planning to implement in this sector. We are in process of implementing Intelligent 'Parking Management' using mobile application at railway parking spaces. The parking management using this mobile application is being implemented as a pilot project in Thiruvananthapuram Central and Thripunithura railway stations. Kudumbashree started this project in association with Start Up Mission.

Under the leadership of Startup Mission, two start up companies developed this app (separately). The app
was developed by Elvito, a company based at Technopark, Thiruvananthapuram and Pinpark, a startup company based out of Kochi. These mobile apps which extend best services were empanelled by Startup Mission and we started using these two apps for managing parking on pilot basis.

The Kudumbashree entrepreneurs managing parking at Thiruvananthapuram railway station has already installed the software developed by Pinpark and started managing the parking using the same. The vehicle would get registered in the app when the number of the vehicle and mobile number of the owner of the vehicle that arrive for parking is entered manually into the app during their first visit. When this vehicle come again for parking, when the first digits of the vehicle is entered the full details regarding that particular vehicle would be available through the app. Also, the bill for the total amounts also could be printed through the app. In addition to this, the parking duration, its rates, the total bill amount etc would be sent to the mobile number of the owner (of the vehicle) as SMS.

When the data about the parked vehicles are stored in the server through this mobile app, it will help us to analyze the data for improving the management of parking. The details regarding the time during which more vehicles come for parking, the number and proportion of bikes or cars which are parked, the time duration (of parking) etc. can easily be collected through this app.

We hope that Parking Management will become more efficient through this app. In the next phase, we are planning to introduce scanning of number plate of vehicle than manual data entry. We aspire to make parking management more effective through these two Parking Management Mobile Applications. After getting approval from the Railways, we are planning to extend this Intelligent Parking to all railway stations in Kerala.