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CICTN 2023 Submission 124

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Submission 124

Title	Parking Assistance System using ANPR
Paper:	 (Jan 20, 04:47 GMT)
Author keywords	Automatic Number Plate Recognition (ANPR) Artificial Neural Network (ANN) Optical Character Recognition (OCR) Convolutional Neural Networks (CNN)
Abstract	<p>The shortage of space results in people parking their vehicles almost anywhere without organization. Usually what happens is that in unorganized spaces, people park their vehicles behind other already parked vehicles and this many times leads to chaos when the vehicle parked in the interior needs to get out of there as some vehicle is always blocking the exit. There needs to be a medium to contact the driver of the the vehicle blocking the exit so that the stuck vehicle owner can ask them to move their vehicle a bit so that they can bring out theirs. Tackling this issue is the first phase of our journey towards fixing the vehicle management system of India. How are we going to do that? Let's suppose A's car is stuck behind B's car in an unorganized parking lot. A and B will both have an app designed by us in their mobile phones. A will just need to open the app and scan the number plate of B from our app's scanner and our tech will read that number plate and give out the details B and the car. A will also have options to contact B via text, call, or just a simple notification alert to B so that he/she knows that they need to move their car.</p>
Submitted	Jan 20, 04:47 GMT
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