GoTogether: A Smart Ride-Sharing Mobile Application for College Students

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Abstract: *College going students usually have transportation problems because of the unconnected areas in rural regions, transport expenses, and the absence of private transport. These factors have a significant impact on college going students from the educational point of view and act as a hindrance in continuing education. GoTogether is a ride-sharing mobile application developed using the flutter framework to overcome solve this problem. The application is designed for college going students to provide them a safe and college-based platform to register with their college information and other details. Students those who have private vehicle can register as drivers by providing the required details like the driving license and vehicle details, while the student who don't have any vehicle or a proper transport facility can register as passengers. The system enables students to connect with each other who live nearby and are traveling along the same routes to connect and share the rides by splitting the fuel costs in a standard and affordable way. Features like Live location tracking and route-based fare calculation increase transparency and trust. The application is expected to minimize transport costs, encourage ride-sharing and environmental sustainability, and enable barrier-free education for college going students.*

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