Title of the Project: College Bus Tracking Hybrid App using advanced google cloud services and IOT

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ABSTRACT

The current generation requires information on a regular basis. The use of technology has been steadily growing. As a result, we devised an innovative solution to "College Bus Tracking hybrid app using advanced Google cloud services and IOT," combining current technologies with the need for knowledge transmission. The device consists of a Mobile Application for students to use and a Hardware setup that shares the bus's location. The Hardware system uses IOT which includes an Arduino UNO, GSM, GPS modules, etc. The Hardware is setup in the bus such that its location can be accessed. The mobile app uses third party cloud services to access this location information, allowing students to know where they are and make plans accordingly.