# Party Pilot: Event Management Application for Cross-Platform Use with Flutter and Dart

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**Abstract**: *Organizing events can be both exciting and overwhelming, especially when juggling multiple tasks such as venue booking, decorations, equipment purchase, and budget management. Party Pilot is a mobile application designed to simplify event planning by offering real-time data updates, secure user authentication, and an intuitive interface. We leverage AI-driven machine learning algorithms to recommend venues based on user preferences and locations. In addition to traditional event planning features, Party Pilot now includes a comprehensive equipment purchase module that enables users to buy essential items directly within the app*