Problem Statement

Galway Civic Trust is an organisation arranging tours around Galway City. They came to us with an issue with which they have been struggling for a while. Any change or addition to their touring program necessitated creating new application or at least updating the existing one. This was impractical as it required Galway Civic Trust to stay in constant touch with GMIT. We have been therefore tasked to develop a cross platform mobile application for the Galway Civic Trust by integrating the backend for CRUD(Create, Remove, Update, Delete) operations. The mobile application will be used by the consumer and all the data (tours) will be pulled dynamically from the API. Admin (Galway Civic Trust) can add new tours from the admin panel and all the tours will be synchronised across the consuming devices via Application Programming Interface. The goal of this project is to allow instance synchronisation between the API and the consuming devices so consumer can receive the changes in real time.

Developing such an application would certainly solve the issue of Galway Civic Trust. Proposed application will eliminate time consuming visits to GMIT and allow GCT to easily and efficiently make any changes to existing or new tours in the cross platform mobile application through the admin panel.