3.5 Logical Database Requirements

The database must be able to:

* look up by scout across all levels
* look up by girl per rank
* have a badge overview of all scouts per troop
* have badge requirements stored into the database
* track events with attendance and payment status per scout
* create new user and have login functionality
* create user generated fun patch and event entrees
* generate a shopping list for the badge from badges earned but not yet awarded
* store emergency contact information securely for intended troop leader
* interact with webpage and possible mobile application

3.6 Design Constraints

The mobile app puts constraints on platforms used (android, ios). The software licensing for iOS will come with a potential fee and user agreement.

3.7 Software System Attributes

Emergency contact info must be secured for their troop leader only and password/login security. Having meaningful error reports will be added to database for added maintainability.

3.8 Supporting Information

At this time there is no supporting information

3.9 Course-specific Content

SAGE process