1. Product name

The ClubHub web application is created by ARMY Productions. This Functional Specification contains a detailed presentation of requirements for Club Hub and an overview of this document as well as the web application.

1. Problem statement

ClubHub is a web application that will create club events based on user information. Clubhub will bring together club members all over the campus and manage them in a central location. ClubHub will need internet connection in order to access and manage the web application. The club user information will be created with the use of the Rails console.

1. Product objectives

This system will consist of two parts: the web application, and accessing records in a database. The web application will be used to retrieve club information from the user. The web application will work in conjunction with the database. The database will be used to store the club user’s information. The web application will access the club web sites to determine whether the member is in the system or not. There will be one type of user, the club member.

1. Functional Specifications
   1. It must have administrator functions
   2. It must be intuitive for all users
   3. Users must be able to view event details
   4. Admin must be able to communicate with organization
   5. Admins can track expenses separate from the members
   6. It must be available on multiple devices
2. Non-Function Specifications
   1. Maintainability: speed and reliability of updating and/or

correcting production products.

* 1. Availability: able to be used when needed, often related to

uptime.

* 1. Manageability: ease of keeping track of artifacts and changes to

them.

* 1. Security: accessible and usable only in authorized ways by

authorized users.

1. UML Diagram
   1. Please see attachment “UmlUseCase.pdf”
2. Use Cases
   1. Track Expenditure (Form available)
   2. CRUD Events (Form available)
   3. Login users (Form Available)
   4. Respond to events
   5. Communicate with users
   6. Approve members