

# Hobby Buff

## Why we need Hobby Buff?

Winnipeg is a big city and it can be hard to find like-minded people, clubs, and activities that relate to your hobbies. Hobby Buff will be a content management system that will solve these problems by allowing people to post about their various hobbies, find current events, and join clubs in a simple, streamlined manner.

## How Hobby Buff will work:

The types of users that will be able to use this website will be delegated into three categories: Users, Moderators, and Administrators. Users will be able to look up content, post on threads, and create new events and clubs. Moderators will be able to enforce rules on the forum, club, and event pages of the website. Moderators will also be able to manage content on said pages. Administrators will be able to do everything a moderator can do plus create new pages such as hobby categories, delete pages, posts, clubs, and events. They will also be able to update any and all content on the website.

## Database Structure Description

### User

This table will contain all registered users on the website. A user may also be a moderator or an administrator. There may be zero to many users logged into the website.

### Moderator

This table will contain moderators of the website who will enforce website policies and manage content on the forums, events, and clubs. A moderator must be a user and can also be an administrator. They may be zero to many moderators logged into the website.

### Administrator

This table will contain all Administrators on the website. An administrator must be a user and they can also be a moderator. There may be zero to many Administrators logged onto the website at a time.

### Category

This table will contain all hobby categories that were added by an administrator. There may be zero to many pages of categories

### Event

This table will contain all events that were added by either an administrator or a moderator. A user can be signed up for an event. There may be multiple events per category.

### Club

This table will contain all clubs that were added by an administrator or moderator. There may be one club per category.

### ClubMember

This table will contain the members enrolled in a club – can be any user, a user doesn't have to be enrolled in a club. There may be multiple members per club.

### Forum

This table will contain the forum page for the specific hobby category. Content may be managed by a moderator or an administrator. A user must be part of the club to make posts. There may be one forum per category.

### ForumPost

This table will contain posts made on the forum. Content may be managed by a moderator or an administrator. There may be many posts on a single forum.

### Page

This table will contain all pages of the website. There may be one to many pages on the website.

### Image

This table will contain all images posted on the website. Images will belong to many pages.

